

PW

CONFIDENTIAL

Release Date ~~1-9-74~~
11-2-73

~~SECRET~~

AMERICAN FUELS - 1 NAVAJO - B
SE/SW Sec 9-T40N-R29E-Apache Co. 608

Black Rock

COUNTY Apache AREA 8 mi W Teec Nos Pos LEASE NO. Indian AZ-68
N00-C-14-20-2249

WELL NAME Am. Fuels / Navajo - B

LOCATION SF/SW SEC 9 TWP 4N RANGE 29E FOOTAGE 2300 FWL - 660 FSL

ELEV 5895 GR 5907 KB SPUD DATE 3-3-73 STATUS Prod. ST TOTAL

COMP. DATE 7-9-73 DEPTH 5865
4-26-73 P&A 2/84 P&T 4852

CONTRACTOR _____

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
8 5/8"	1043	275 sx		X
5 1/2"	5865	220 sx		

DRILLED BY CABLE TOOL _____
PRODUCTIVE RESERVOIR Ismay
INITIAL PRODUCTION 11B0, 40BW, 199MCF

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Organ Rock	2694		X	1S&SH
Upper Hermosa	4126		X	1S
Upper Ismay	4746			1S
Desert Creek	4880			1S
Akah	4980			1S
Barker Creek	5165			1S
Lower Hermosa	5380			1S
Molas	5725			SH

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Dual Ind.-Laterolog-2	5332-42, 5298-94,	4822 to 4814	SAMPLE DESCRP.
Neutron - Porosity - 1	5199-5203, 5106-02,	BP @ 4852-	SAMPLE NO. <u>1782</u>
Borehole Comp - Sonic - 1	5067-56, 5019-15,	Prod Packer 4788	CORE ANALYSIS
Comp. Form. Density - 2	4990-98, 4822-14		DSTs <u>2</u>

Plugged 1-26-84

REMARKS April 26, 1973 was date of first production. See production report for gene.

APP. TO PLUG _____
PLUGGING REP. _____
COMP. REPORT 7-9-73

WATER WELL ACCEPTED BY _____

BOND CO. NA CASH BOND *filed in P/W 621* BOND NO. _____
DATE _____ ORGANIZATION REPORT 2-9-73
BOND AMT. \$ 25,000 CANCELLED _____
FILING RECEIPT 2946 LOC. PLAT X WELL BOOK X PLAT BOOK X
API NO. 02-001-20182 DATE ISSUED 2-17-73 DEDICATION S/2 SW/4 80 acres

PERMIT NUMBER 608

Samples at four corners

CONFIDENTIAL

(over)

Release Date 1-9-74 11-2-73

DRILL STEM TEST *- See file for complete Drill Stem Test*

NO.	FROM	TO	RESULTS
1	4515	4541	Tool plugged no test
2	4515	4541	Good blow

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS
				No cores taken

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

Mud logging unit on hole

RECEIVED

FEB 21 1984

PLUGGING RECORD					
Operator Amerada Hess Corporation			Address O & G CONS. COMM. Drawer D, Monument, New Mexico 88265		
Federal, State, or Indian Lease Number or lessor's name if fee lease. NOO-C-14-20-2249		Well No. 1	Field & Reservoir Black Rock Penn.		
Location of Well 660' ESL & 2300' FWL, SE/4, SW/4, Sec. 9, T40N, R29E, S&SB B&M				County Apache	
Application to drill this well was filed in name of American Fuels Corporation		Has this well ever produced oil or gas Yes	Character of well at completion (initial production): Oil (bbls/day) 12 Gas (MCF/day) 12 Dry? 		
Date plugged: 1-27-84	Total depth 5865'	Amount well producing when plugged: Oil (bbls/day) 12 Gas (MCF/day) 222 Water (bbls/day) 45			
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement	
Barker Creek		5165'		CIBP @ 5160'w/2 sks. cut.	
Desert Creek		4890'		CIBP @ 4900'w/2 sks. cut.	
Ismay (open)	oil	4746'		CIBP @ 4800'w/5 sks. cut.	
5 1/2" csg. filled w/heavy mud. Perf. 5 1/2" csg. at 1004' & circ. cement to surface out 8-5/8" csg. Spotted 10 sks. cement as surface plug.					
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
5-1/2" 15.5#	5865'	-	5865'	-	
8-5/8" 24#	1034'	-	1034'	-	
Was well filled with heavy drilling mud, according to regulations? Yes			Indicate deepest formation containing fresh water. Unknown		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address		Direction from this well:		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail. Procedure witnessed by Mr. R.A. Ybarra w/Arizona Oil & Gas Comm.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Supv. Adm. Ser.</u> of the <u>Amerada Hess Corporation</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date 2-2-84		Signature <i>EB Fisher</i>			
Permit No. 608			Form No. 10		
			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		

RECEIVED

Form 9-321
(May 1983)

FEB 21 1984

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NCO-C-14-20-2249

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "B"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Black Rock Penn.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 9, T40N-R29E

12. COUNTY OR PARISH 13. STATE

Apache

Arizona

O & G CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amerada Hess Corporation

3. ADDRESS OF OPERATOR

Drawer D, Monument, New Mexico 88265

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2300' FWL & 660' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

5903' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

January 24, 1984 to January 27, 1984 - Action Well Ser. pumped 33 bbls. brine water down tbq. to kill well, removed well head, installed BOP & pulled 152 jts. 2-3/8" tbq. Ran 4-1/2" sand line drill and knocked bridge plug loose at 4852' & pushed to 5552'. Ran 150 jts. 2-3/8" tbq. & pumped 20 bbls. mud down tbq. & 40 bbls. mud down csg. & killed well. Pulled 150 jts. 2-3/8" tbq. Co, Inc. set CIBP in 5-1/2" csg. at 5160' & dumped 4-1/2 sks. cement on top of bridge plug. Pumped 10 bbls. mud down csg. Set CIBP in 5-1/2" csg. at 4900' & dumped 5 sks. cement on top of bridge plug. Pumped 10 bbls. mud down 5-1/2" csg. Set CIBP in 5-1/2" csg. at 4800' & dumped 5 sks. cement on top of bridge plug. Perf. 5-1/2" csg. at 1050' with two shots. Ran 152 jts. 2-3/8" tbq. to 4960' & circ. 152 bbls. mud. Pulled 2-3/8" tbq. Set Baker cement retainer in 5-1/2" csg. at 1004'. Broke circ. w/6 bbls. fresh water. Pumped 185 sks. Class B neat cement. Pulled out of retainer & trip out w/tbq. Spotted 15 sks. cement as top plug. Removed well head and installed dry hole marker. P&A. Procedure witnessed by R. A. Ybarra with Arizona Oil and Gas Commission.

18. I hereby certify that the foregoing is true and correct

SIGNED

E.B. Fisher

TITLE Supv. Adm. Ser.

DATE 1-30-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

2/27/8

(Amerado Hess Corp)
Well No. 1 Navajo-B (PIN 608)
(Re-abandonment)

Feb. 21 Departed office @ 1:00 pm
Checked in the Regal B Inn Motel (Farmington, NM)
@ 10:20 pm

Feb 22 Departed for well site @ 6:00 am
Arrived @ well site @ 8:15 am & Mr. Tom Adams
reported:
1. Rigged up on Feb. 21 but were unable to start
cement because of darkness.
2. started D.O. cem. @ 8:00 am on Feb 22

I witnessed:
1. D.O. cem. (12'-120'). Drlg. was very slow beca.
they could not put any weight on the drill bit.
2. D.O. cem. ~~at 1000'~~ above the retainer @ 1000'.

Departed well site @ 5:00 pm & arrived @ Motel @

Feb. 23 Departed for well site @ 5:30 am & arrived @
well site @ 7:45 am.

I witnessed:
1. Milling of cem. retainer @ 1000'
2. D.O. cem. below the retainer (approx. 41 feet
3. ± Nine foot cem. plug was pushed down hole
to ± 3200'

Departed for Motel @ 5:15 pm & arrived @ 7:00,

Feb. 24 checked out of Motel @ 5:30 am & arrived @ well @ 8:00

I witnessed:
1. Shooting of holes @ 3100' & 1550', by Gearhardt
2. Running in of drill tbg. & setting retainer @
2980', & pumping 30 Szs of cem. - calc. sit.
behind the 5 1/2" csg. was 2980' ±
3. Left 120 lineal feet of cement below the retainer,
~~1112' - 1550'~~ 2980' - 3100'.
4. Pulled out of hole & latched on another retainer
which was set @ 1442'.
5. Pumped 34 Szs of cem., displaced cem. behi
the 5 1/2" csg to 1262' ±
6. Left 120 lineal feet of cem. below the retainer, 1442'-
1550'.
7. Pumped 16 Szs of cem. 1112' to 981' ±
8. " 15 " " " 120' " 8' ±

Welder was running very late so I didn't wait for the
monumenting
Left for home @ 3:30 pm & arrived in Mesa @
Mileage ± 1250 Contractors: Dowel Cementers; Gearhardt, Actio
Lic. # SA 6300

Merada Hess Corr
Well No. 1 Navajo-B

1-24-84 Departed office @ 3:45 pm
Mesa @ 5:00 pm

1-25-84 Checked in Regal B Hotel Inn @ 2:00 am
Departed Motel @ 8:00 am & arrived @ well site
@ 10:00 am.

Tom Adams, Engr. reported:

- 1) On 1-24-84 Contractor, Action Dtg Co. Rig 5, moved
in moved and mudded hole & knocked CIBP @ 4852'
down hole
- 2) Tested BOPZ

I witnessed following:

- 1) Running in of first cast iron bridge plug (CIBP) to
5160'
 - 2) Dumping by bailer of 5 Sx of cement @ 5160'
(two batches of ± 2.5 Sx of cem.) top @ 5115' \pm
 - 3) Running in of second CIBP @ 4900' by Gearhardt
 - 4) Dumping of 5 Sx of cement @ 4900' top @ 4855'
 - 5) Running in of third CIBP @ 4800'
 - 6) Dumping of 5 Sx of cement @ 4800' top @ 4755' \pm
 - 7) Shooting of two $\frac{1}{2}$ " holes @ 1050'
- Departed well @ 5:30 pm & arrived @ Motel @ 7:00 pm

1-26-84 Departed Motel @ 5:30 a.m. & arrived @ well site @ 8:00 am

I witnessed following:

- 1) Circ. thru holes @ 1050' & setting of retainer @ 1000'
- 2) Cementing by Dowell thru the holes @ 1050' with
 ± 175 Sx of cement
- 3) Pumping of surface plug thru hlg. @ 120' w/ ± 10 Sx
(OVER)

4. Cutting of well head + ~~plate~~ welding of 3/4" steel plate

5. welding of monument

Departed well site @ 4:15 pm

Arrived Mesa @ 12:00 pm

1-27-84

Contractor: Action Drlg

Ser. Company: Gearhardt

Mileage: 1200 miles

O.T.: 1) 1-24 -- 7 hrs (5 to 12 pm)

(9872) 2) 1-25 -- 2 hrs (12 pm to 2 am)

3) 1-25 -- 2 hrs (5 pm to 7 pm)

(4) 4) 1-26 -- 2 1/2 hrs (5:30 am to 8 am)

(5) 5) 1-26 -- 7 hrs (5 pm to 12 pm)

AND GAS CONSERVATION COMMISSION
STATE OF ARIZONA

PERMIT 608

REPORT ON PROPOSED OPERATIONS

Amerada Hess Corporation
Drawer "D"
Monument, New Mexico 88265

Phoenix ARIZONA
November 8, 1983

Your proposal to abandon well 1 Navajo-B
A.P.I. No. 02-001-20182 Section 9 T. 40N R. 29E S&SR B. & M.
Black Rock field, - area, - pool,
Apache County, dated 11/04/83, received 11/07/83 has been examined in conjunction with records
filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. Adequate blowout prevention equipment shall be used and maintained at all times during abandonment.
2. All unplugged portions of the hole shall be filled with heavy drilling mud.
3. This Commission shall be notified:
 - a. To witness the placing of bridge plugs at 5160', 4900', and 4800', and the dumping of cement plugs on top of each bridge plug.
 - b. To witness the mudding of the hole.
 - c. To witness the placing of the surface plug.

BOND Blanket Cash Bond

A. K. BOSS, Executive Director

By R. A. Ybana
Enforcement Director

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 30 days after the work has been completed or the operations have been suspended.

APPLICATION TO PLUG AND ABANDON

RECEIVED

NOV 7 1983

O & G CONSERV. COMM.

FIELD Black Rock Pennsylvanian
 OPERATOR Amerada Hess Corporation ADDRESS Drawer "D", Monument, New Mexico 88265
 Federal, State or Indian Lease Number N00-C-14-20-2249 WELL NO. 1
 or Lessor's Name if Fee Lease
 LOCATION SE/SW, Sec. 9, T-40N, R-29E, Apache County, Arizona
2300' FNL 660' FSL
 TYPE OF WELL Oil TOTAL DEPTH 5865'
 (Oil, Gas or Dry Hole) DOD 5574'
 ALLOWABLE (If Assigned)
 LAST PRODUCTION TEST OIL 12 (Bbls.) WATER 45 (Bbls.)
 GAS 222 (MCF) DATE OF TEST 7-9-73
 PRODUCING HORIZON Ismay PRODUCING FROM 4814' TO 4822'

1. COMPLETE CASING RECORD.

- 8-5/8" 24 lb. @ 1043' w/275 sks. Cmt. circ.
- 5-1/2" 17 lb. J-55 @ 5865' w/220 sks. good cmt. above 4000'.

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

1. Rig up and pull tubing.
2. Trip in with bailer and knock CIBP @ 4852' below bottom perforation @ 5342'.
3. Trip in with tubing. Set @ 5350' OE and displace hole with drilling mud. Trip out.
4. With wireline, set three CIBPs to isolate the Barker Creek, Desert Creek and Ismay formations. Set plugs @ 5160', 4900' and 4800'. Use dump bailer to cap each plug with 2 sacks of cement.
5. Perforate 2 shots @ 1050' just below surface shoe. Set cement retainer @ 1000' and pump enough cement to circulate @ the surface.
6. Spot 10 sacks of cement @ the surface in the 5-1/2" casing and install P&A marker.

DATE COMMENCING OPERATIONS 11/83
 NAME OF PERSON DOING WORK Tommy Adams ADDRESS P.O. Box 68, Farmington, N.M. 87499

Perforated Intervals:

Ismay 4814'-4822'
 Desert Creek 4990'-5106'
 Barker Creek 5199'-5342'

D. W. Holmes
 Signature
Petroleum Engineer
 Title
Drawer "D", Monument, New Mexico 88265
 Address
November 4, 1983
 Date

Date Approved 11/8/83
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: R. G. Ytana

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Plug and Abandon
 File Two Copies
 Form No. 9

Permit No. 608

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: AMERICAN FUELS CORPORATION
 Address: 2921 2912 Carlisle, N. E. Albuquerque, N. M.
 Federal, State or Indian Lease Number or name of lessor if fee lease: N00-C-14-20-2249 (Amarado Navajo "B")
 Well Number: 1 Field & Reservoir: Wildcat
 Location: 2300' /WL & 660' /SL County: Apache

Sec. TWP-Range or Block & Survey: Sec 9, T-40-N, R-29-E
 Date spudded: 3 Mar 73 Date total depth reached: 24 Mar 73 Date completed, ready to produce: 26 Apr 73
 Elevation (DF, REB, RT or Gr.): 5907 KB Elevation of casing hd. Sangre: 5895 GL feet
 Total depth: 5865 KB P.R.T.D.: 4852 KB Single, dual or triple completion?: Single
 If this is a dual or triple completion, furnish separate report for each completion.
 Producing interval (s) for this completion: 4814-22' KB Ismay Rotary tools used (interval): Surface - TD Cable tools used (interval):
 Was this well directionally drilled? No Was directional survey made? No Was copy of directional survey filed? No Date filed: 9 Jy 73
 Type of electrical or other logs run (check logs filed with the commission): Induction-ES, BHC Density, & GR-Neutron

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)					
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement
Surfaces	11 1/4"	8-5/8"	24.0	1034	148 275
Production	7-7/8"	5 1/2"	15.5	5865'	220
					none
					none

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8" in.	4788 KB ft.	4788 KB ft.					

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
10 shots	.45" jet	5199-5342' KB	9400 gal 15% NEA	5199-5342' KB
13 shots	.45" jet	4990-5106' KB	5750 gal 15% NEA	4990-5106' KB
4 shots	145" jet	4814-4822' KB	6000 gal 15% NEA	4814-4822' KB

INITIAL PRODUCTION

Date of first production: 26 Apr 73 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): Flowing
 Date of test: 21 Jun 73 Hrs. tested: 21 1/2 Choke size: 36/64" Oil prod. during test: 11 bbls. Gas prod. during test: 199 MCF Water prod. during test: 40 bbls. Oil gravity: 38° API (Corr)
 Tubing pressure: 120 psig Casing pressure: Packer Cal'd rate of Production per 24 hrs.: 12 bbls. Gas: 222 MCF Water: 45 bbls. Gas-oil ratio: 18,540 Scf/Bbl.

Disposition of gas (state whether vented, used for fuel or sold): Vented
 Agent: _____ of the
 CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the _____ of the AMERICAN FUELS CORPORATION (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.
 Date: 9 July 73 Signature: D. R. Curry Registered Petroleum Engineer

RECEIVED

JUL 10 1973

O & G CONS. COMM.

Permit No. 1008

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Well Completion or Recompletion Report and Well Log
 Form No. 4
 File One Copy

DETAIL OF FORMATIONS PENETRATED

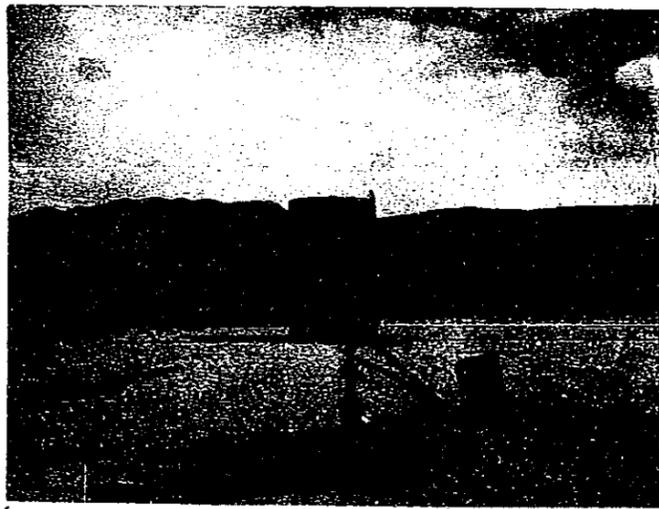
Formation	Top	Bottom	Description
Organ Rock	2694	4126	ls & sh
U. Hermosa	4126	4746	ls
U. Ismay	4746	4880	ls
Desert Creek	4880	4980	ls
Akah	4980	5165	ls
Barker Creek	5165	5380	ls
L. Hermosa	5380	5725	ls
Molas	5725	-	sh

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach driller's log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.



608 AMER. FUELS NAV. B #1

July 1974

3/8/74

Mr. Allen - Hope this is
sufficient to bring our
files up to date to January.

So sorry about the mix-up.
Things will improve, I
promise!

Please contact me if I
can be of any further help.

Barbara Cunningham

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE Navajo
LEASE No. NOO-C-14-20-2249

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1973.

Agent's address 2921 Carlisle NE Company American Fuels Corporation
Albuquerque, New Mexico Signed [Signature]

Phone (505) 345-3507 Agent's title _____

SEC. AND H. OF H.	TWP.	RANGE	WELL No.	Date Produced	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of oil)
19 SE SW	40N	29E	1	3	95	24.0	190	0	140	

RECEIVED
C & S ONS. COMM.

Note.—There were 95 bbls runs or sales of oil; -0- M. cu. ft. of gas sold;
-0- runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

THE PERMIAN CORPORATION - HOUSTON, TEXAS
 LEASE NAVAJO AMERICA B #1 DEC. 1973

C21603
 LEASE NO. 42-R356.5

PRODUCER AMERICAN FUELS CORP
 SUITE 200
 2921 CASPLISLE NE
 ALBUQUERQUE NM 87110

STATEMENT OF
 CRUDE OIL RUNS
 OPER# 02035

GROSS VALUE	MARKETING	TAX	NET BARRELS	NET VALUE
790.23	24.67		82.23	765.56

DATE	TANK NO.	TICKET NO.	DEL.	ENTRY	GRAV.	PRICE	NET BARRELS	GROSS VALUE
12 29	21603	786141	62	1	24.0	9.610	82.23	790.23
STATE CODE 19		TAX CODE 2					82.23	790.23 *
BASE PRODUCTION CONTROL				LEVEL 12-73			.00	
				NEW PRODUCTION			82.23	
RELEASED				CRUDE			.00	
SUBJECT TO CEILING				PRICE			.00	
BASE PRODUCTION CONTROL				LEVEL 01-74			.00	

* ENTRY CODES: 1 - REGULAR RUN 2 - ESTIMATED RUN 3 - DEBIT CORRECTION 4 - CREDIT CORRECTION
 5 - WASH OIL SOLD 6 - WASH OIL RECOVERED FORM # OXY2-205M-10-73

RECEIVED

AMERICAN FUELS CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R3563.

ALLOTTEE _____
TRIBE Navajo
LEASE NO. N00-C-14-20-2249

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Arizona County Apache Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1974.

Agent's address 2921 Carlisle NE Company American Fuels Corporation
Albuquerque, New Mexico Signed [Signature]

Phone (505) 345-3507 Agent's title _____

SEC. AND H OF H	TWP.	RANGE	Well No.	Days Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If None, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
19 SE SW	40N	29E	1	5	80	39.8	160	0	20	Building stock - due to inclement weather, trucks could not get in to remove oil.

RECEIVED

1974

O & G U. S. G. M.

Note.—There were no runs or sales of oil; no M. cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)
Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LEASE NO. NAVAJO AMERACA B #1
 JAN. 1974

021503
 LEASE NO. R3585

PRODUCER AMERICAN FUELS CORP
 SUITE 200
 2921 CAFLISLE NE
 ALBUQUERQUE NM 87110

STATEMENT OF
 CRUDE OIL RUNS
 OPER# 02035

GROSS VALUE		MARKETING		TAX		NET BARRELS		NET VALUE	
8.22								8.22	
DATE	TANK NO.	TICKET NO.	DEL.	ENTRY	GRAV.	PRICE	NET BARRELS	GROSS VALUE	
12 73			627	3	00.0	0.000		8.22	
STATE CODE 19		TAX CODE 2					.00	8.22	*
BASE PRODUCTION CONTROL				LEVEL 01-74			.00		
BASE PRODUCTION CONTROL				LEVEL 02-74			.00		
UNDEP PRODUCTION				TO DATE			.00		
NEW CONTROL LEVEL				FOR 02-74			.00		

ENTRY CODES: 1 - REGULAR PUMP
 5 - WASH OIL SOLD
 2 - ESTIMATED PUMP
 6 - WASH OIL RECOVERED
 3 - DEBIT CORRECTION
 4 - CREDIT CORRECTION

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DAILY DRILLING REPORT

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APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 9, 1973 (132 Days) 5832' TD

Perforations: One (1) Shot at each of the following depths:
Zone A - 5078', 80', 81', 82', 84'
Zone B - 5008', 09', 10', 11', 12'
Zone C - 4906', 07', 08', 09', 16', 18', 20'
Went in hole with Baker RBP and Model "R" Packer. Straddled Zone A, could not get packer to set. Reset packer between Zones B & C to straddle Zones A & B. Pressure tubing in formation started taking fluid at 1000 psi. Treated zones A & B with 2000 gals. of 15% NELST Acid. IP 1700 psi at 3 BPM. Dropped 6 RCM ball sealers after 1000 gals, treating pressure decreased to 1000# on 1st 1000 stage and increased to 1800 psi when 6 balls hit formation. Dropped 5 ball sealers after 1500 and pressure increased to 3300 psi at 1 and 1½ BPM when 2nd stage balls hit formation. Treating pressure decreased from 3300 psi to 700 psi at 7.3 BPM and increased to 1400 psi at 4 BPM. Final treating pressure 1400 psi. ISIP 300 psi after 5 minutes 100 psi. Bled back 1/2 bbl. LW, released packer. Picked up RBP and straddled Zone C. Spotted acid. Formation taking fluid at 1800 psi. Acidized w/1000 gals. 15% NELST. Injection pressure 2500 psi at 1/2 BPM. Recovered 3 ball sealers after 650 gals. Pressure increased to 2900 psi, when ball sealers hit formation. Final treatment 2900 psi at 2 BPM. ISDP 2700 psi after 10 minutes SIP 2550. Bled tubing pressure to 0 in 5 minutes. Total load 105 BLW. Released packer, circulated 30 bbls. of water down annulus. Reset RBP at 5108' and packer at 4889'. Rigged up and started to swab. Swabbed 37.5 bbls. of load water. Decreasing fluid level to surface to 1000' FS. SDON
Note: Total load left to be recovered, 67 bbls.

NAVAJO "C" #1 August 9, 1973 (107 Days) 6534' TD
27 Hrs. SITP; 330 psi.

NAVAJO "B" #1 August 9, 1973 (189 Days) 5865' TD
SITP 1550psi. Flowed well to FTP 1000 psi after 2-1/2 Hrs. Shut well in SITP after 10 Minutes 1550 psi..

NAVAJO "AC" #1 August 10, 1973 (40 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 August 10, 1973 (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL OR GAS FROM LEASE**

Federal, State or Indian Lease Number. or lessor's name if fee lease N00-C-14-20-2249	Field Wildcat	Reservoir Paradox
Survey or Sec-Twp-Rge Sec 9, T-40-N, R-29-E	County Apache	State Arizona
Operator AMERICAN FUELS CORPORATION		

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

Street 2921 Carlisle, N. E.	City Albuquerque	State New Mexico
---------------------------------------	----------------------------	----------------------------

Above named operator authorizes (name of transporter)
THE PERMIAN CORPORATION

Transporter's street address 2008 Petroleum Plaza Bldg.	City Farmington,	State New Mexico
---	----------------------------	----------------------------

Field address
Oil, condensate, gas well gas, casinghead gas

To transport **100** % of the **Oil** from said lease.

OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
none		

Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.
This is a new lease. The date of first production on this lease was 26 Apr 73.

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Agent of the AMERICAN FUELS CORPORATION (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 1 Aug 73 8-3-73
Signature *D. R. Curry* **D. R. Curry**

Date approved: _____
By: *W. G. [Signature]*
Permit No. 608

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STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 8

APACHE COUNTY, ARIZONA

NAVAJO "AC" #1 (12 days)
July 13: Drlg. 4889'. Lime & sh., hard sand. Bit#2, 7 7/8", F-3 in
2825'. Drlg. 2064' in 161 3/4 hrs.. Weight 40 to 45,000 RPM 58, pressure
1,000#, strokes 48. Vis. 43, MW 9.2 plus, WL 6.8, Ph. 10.0 Salt 300,
23 1/4 Drlg., 1/2 hr. rig service, Clean out and clean out sh. pit
1/4 hr. rig repair.

NAVAJO "M" #1 (109 days)
July 13, 2:30pm FTP "O". Well had headed twice overnight. Made 3.5 bbls.
oil, 6.5 bbls. of water last 21 hrs. Shut in well at 3:00pm to record
build up.

NAVAJO "B" #1 (162 days)
July 13: 4:30 pm FTP 170. made 8 bbls. of oil plus 23 bbls. water last
24 1/2 hrs. 50 minutes SIP, 850#. Bled all water to pit. Opened to
flow on 36/64" choke. Prep. to install separator.

NAVAJO "C" #1 (83 days)
July 13: Prep. to install production unit.

NAVAJO "E" ((53 days)
July 13: Moved in and rigged up pulling unit. Will run cased hole logs
9:00 a.m. July 13, 1973.

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AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
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June 27, 1973

DAILY DRILLING REPORT

NAVAJO "B" #1
5865' TD

Well shut in. SITP 1250 PSI.

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June 27, 1973

NAVAJO "B" #1

5865' TD

Shut in , waiting on tank batteries.

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JUN 29 1973

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2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
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June 26, 1973

DAILY DRILLING REPORT

NAVAJO "B" #1

5865' TD

Shut in waiting on tank batteries.

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June 25, 1973

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JUN 27 1973

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DAILY DRILLING REPORT

NAVAJO "B" #1
5865' TD

Load to test tank recover 20 bbls.
oil plus 40 bbls. water, last
25 hrs. flowing tubing pressure 90lbs
gas estimated 300,000 SCF per day.
Shut in bled off water. Permian Corp.
to buy oil this pm. Shut in waiting
on tank battery.

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June 22, 1973

DAILY DRILLING REPORT

NAVAJO "B" #1
5865' TD

June 20, 1973 10:45 a.m.
Shut in tubing pressure 1220#
Open to flow test, 20 minutes.
Flowing tubing pressure 750#
Fluid to surface in 30 minutes.
Flowed 3 hrs., made no fluid.
Left flowing overnight on 36/64"
choke. Test being witnessed by
Moe Seelinger, U.S.G.S. Engineer.

June 21, 1973
Tank gaging witnessed by Moe
Seelinger. Flowed 21 Hrs. 35
Minutes. Recovered 11 bbls.
of oil plus 40 bbls of water.
Averaging 12 bbls of oil per day;
45 bbls of water per day. Shut
in well, bled water to pit. Seelinger
will issue "a letter of 1st Production"
6-22-73.
Witnessed Permian Corporation
tying in to haul oil for sale.
Oil has been sold; 6/21/73.

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June 18, 1973

DAILY DRILLING REPORT

NAVAJO "C" #1
6534' TD

WAITING ON PULLING UNIT.
PREP. TO COMPLETE.

NAVAJO "B" #1
5865' TD

Shut in, waiting on tank
batteries.

Same June 19

Same June 20

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JUN 19 1973

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June 10, 1973

DAILY DRILLING REPORT

NAVAJO "C" #1

6534' TD

Shut in, waiting on re-
stimulation.

NAVAJO "B" #1

5865' TD

Shut in, waiting on tank
batteries.

Same June 15,

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June 6, 1973

DAILY DRILLING REPORTS

NAVAJO "C" #1

6534' TD

Shut in, waiting on re-
stimulation

NAVAJO "B" #1

5865' TD

Shut in, waiting on tank
batteries

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JUN 07 1973

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AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
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May 19, 1973
thru May 21, 1973

DAILY DRILLING REPORT

NAVAJO "B" #1

5865' TD

Shut in waiting on tank
batteries.

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MAY 23 1973

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AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

May 18, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1

Mesa Drillers
6534' TD

Running Casing, 6534' TD
Granite & Wash, Bit #9,
7-7/8, F-5, 6341' out at
6534'. 193' in 33-1/2 Hrs.
Vis. 60, Mw 9.5, WL 5.6,
Ph 11.0, Salt 600, 1-1/2
Hrs. Drlg. 4-1/2 Hrs. Trip
8 Hrs. Logging w/Dresser
2 Hrs. circulate & condition
hole to log. 2 Hrs. -Circulate
and condition hole for casing.
4 Hrs. lay down drill pipe and
26 collars and rig up to run
casing. 1-1/2 Hrs. wait on
float equipment, 1/2 Hr. run-
ning casing.

Continuation of report from May 17, 1972----

Finished running logs at 7:30
p.m. Started in hole at 7:30.
Circulate 4 hrs., came out of
hole laying down drill pipe.
Started in hole at 6:00 a.m.
with Howco Texas pattern guide
shoe, 2 joints (75.65 ft.)
5-1/2', 15-1/2 lbs. per ft.
J-55 Casing, deferential fill
float collar insert.

NAVAJO "B" #1
5865' TD

Shut in, waiting on tank batteries.

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MAY 21 1973

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LEASE NO.
NOO-C-14-20-2249

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

May 12th thru May 14th 1973

DAILY DRILLING REPORT

NAVAJO "B" #1

Shut in, waiting on orders.

5865' TD

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MAY 17 1973

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W.D. [Signature]
[Signature]

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507
May 4, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1
Mesa Drillers
5600' TD

Drlg. 4300', Lime & Sh.
Bit #3, 7-7/8", Still Drlg.
Vis 39, MW 9.2 plus, WL 8.2
Ph 8.5, Salt 2000, 23-3/4
Hrs. Drlg., 1/4 Hr. rig
service.

NAVAJO "B" #1
5865' TD

Shut in, waiting on orders.

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May 1, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1

Mesa Drillers
5600' TD

Drlg. 3443', S & Sh
Bit #3, 7-7/8, F-3
In at 2576', Drlg.
887' in 49-3/4 Hrs.
Vis 34, MW 9.3 plus
WL 9.2, Ph 11.5,
Salt 3100, 23-3/4
Hrs. Drlg., 1/4 Hr.
rig service.

NAVAJO "B" #1

Mesa Drillers
5865' TD

Flowing tubing pressure
80#. Last 19 hrs. flowed
64 bbls fluid. 45% oil
cut or 29 bbls. oil-25
bbls. of water. Average
37 BOPD, 44 BWPD. 25 shut
in tubing pressure 450.
Shut in and removed all
handles on tubing head.

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AMERICAN FUELS CORPORATION
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April 30, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "A" #1

Mesa Drillers
5600' TD

Drlg. 3060', S & Sh
Bit #3, 7-7/8 F-3, in
at 2556', 500' in 26
hrs., Vis 35, MW 9.3,
WL 7.6, Ph 7.0, Salt
3500, Drlg. 23-3/4 hrs.
1/4 hrs. rig service.

NAVAJO "B" #1

Mesa Drillers
5600' TD

Production Testing

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April 30, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1

Mesa Drillers
5600' TD

Drlg. 3060', S & Sh
Bit #3, 7-7/8 F-3, in
at 2556', 500' in 26
hrs., Vis 35, MW 9.3,
WL 7.6, Ph 7.0, Salt
3500, Drlg. 23-3/4 hrs.
1/4 hrs. rig service.

NAVAJO "B" #1

Mesa Drillers
5865' TD

Flowing tubing pressure 120.
Bleeder sample oil cut 40%.
Made 59 bbls. of oil, 22 bbls.
of water, later 20 hrs. Aver-
age 21 BOPD; 46 VWPD. Oil cut
73%. 15 min. shut in tubing
pressure 480. Made 0.3 bbls.
of oil, 6.1 bbls. of water next
2-1/2 hrs. Flowing tubing pres-
sure 120. Shut in and rigged
line to pit. Measured gas rate
1540 MCF per day. Flowing tub-
ing pressure 120 on 32/64 choke
Rigged up to flow overnight on
48/64" choke.

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2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
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April 29, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1

Mesa Drillers
5600' TD

Drlg. 2590', S & Sh.
Dev. 1-1/4" at 1949';
1-1/2" at 2556'. Bit
#2, 7-7/8, X-1G in
1949', out at 2556'.
Made 607 ft. in 14-1/2
hrs., Bit #3, 7-7/8, F-3
in 2556'. Made 607' in
14-1/2 hrs.. Bit #3,
7-7/8, F-3 in 2556'. 34
ft. 2-1/4hrs. Vis 38
MW 9.4, WL 6.4, Ph 8.5
Salt 1700, 16-3/4 Hrs.
Drlg. 5-3/4 Hrs. Trip
1/4 Hr. rig service,
3/4 hrs. circulate
samples 2080', 1/2 hrs.
circulate samples at 2117'

NAVAJO "B" #1

Mesa Drillers
5865' TD

Flowing Tubing Pressure
140 lbs. Bleeder sample
30% oil cut. 5 min. Flow-
ing tubing pressure 410.
Last 18-3/4 Hrs. recovered
16 bbls. of oil plus 107
bbls. of load water. Aver-
age oil cut 13%. Continued
to flow on 25 60/4 choke.
All load water recovered.
5 Hrs. 15 min. recovered
3.2 bbls. of oil plus 21.6
bbls. of water. Average oil
cut 13%. Flowing Tubing Pres-
sure 130. Open to flow over
night on 32 60/4 choke.

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WA
AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

April 28, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "C" #1

Mesa Drillers
5600' TD

Making trip for Bit #2
1949', S & Sh. Bit #1,
7-7/8, X-3 in 377', out
1949'. Made 1572' in 32
hrs. Vis. 45, MW 9.4,
WL 6.8 Ph 7.0. Drlg. 19
hrs., 1-1/4 Hrs. trip,
1/4 Hr. rig service.
3 hrs. working stuck pipe
Picked up driving tool.
Unstuck pipe string. Laid
down driving tool.

NAVAJO "B" #1

Mesa Drillers
5865' TD

Rigged up drain line to
pit and bled off water.
14 Hrs. shut in tubing
pressure 1200 lbs. Opened
flow on 14 60/4 choke. Bled
all water off. 40 bbls. of
oil in tank. Opened to
flow overnight on 24 60/4
choke. Flowing tubing pres-
sure 125. 5 min. shut in
tubing pressure 300. Bleeder
samples showed 20% oil cut.
Gas est. 250 to 300 MCF per
day. No gage on water or
oil production because of
tank bleeding.

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MAY 1 1973

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#B

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

April 27, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "A" #1
Mesa Drillers
5600' TD

Drlg. at 1204'. S and SH.
950' 1^o, Bit #1 7-7/8"
X-3. Went in 377', out
1204'. 827' in 13 hrs.
Vis 36, MW 9.6. 12-3/4Hrs.
Drlg. 10-1/2 Hrs. Wait
on Cement, Nipple up, trip
in hole with 500 lbs. pres-
sure. 1/2 Hr. Drill plug in
cement. 1/4" wire line sur-
vey.

NAVAJO "B" #1
Mesa Drillers
5865' TD

21 Hrs. shut in tubing pres-
sure 1170. Open flow on 16-
60/4 tubing. Flowed 3 Hrs.
no fluid to surfac. Choke
in line frozen up. Opened
to 20 60/4 choke, fluid to
surface 2 min. Flowing tub-
ing pressure 500 lbs. 1-1/2
hrs. flowing tubing pressure
200 lbs. Gas volume down. Shut
down overnight.

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MAY 04 1973

O & G CONS. COMM.

Page -2-
COMPLETION REPORT
Navajo "B" #1

pressure 3800 psi at an average injection rate of 6 BPM. Initial shut down pressure 950 psi, after 10 minutes, 800 psi. Opened well to tanks and flowed 81 bbls of acid and pad in 55 minutes. After 2 hours of flowing at a steady rate, an attempt was made to kill the well by releasing the packer and reverse circulating treated water. The well continued to flow and 20 barrels of water was pumped into the formation. Continuing treatments was not possible so the well was shut down overnight.

4/12/73 - Slight blow on tubing when opened after being shut-down overnight. Well was dead, unseated packer and lowered tubing to retrieve RBP, could not pick up RBP after many attempts during which time the plug was pushed to PSTD of 5574. Came out of the hole and found 2-3/8 had been unscrewed, went back into hole and screwed into fish, started out of hole and lost fish, went back in hole and again screwed into fish. Came out of hole and found three joints had been dropped on top of packer and were corkscrewed. As there was no tubing to replace the damaged tubing the fish was left in the hole and a second RBP and packer were obtained to continue the treatments (NOTE: Fish left in the hole consists of a Baker RBP on bottom, a Baker Model "R" packer with a 2-3/8" OD seating nipple looking up.) The second RBP and packer were picked up and run in the hole, the RBP was set at 5160', one joint of tubing was pulled and the packer set to test the RBP. Shut down overnight.

4/13/73 - The RBP was tested to 3000 psi, OK. The packer was unseated and 500 gals. of 15% NELST acid was placed on spot, the packer was set at 4970' and the Desert Creek (Group "B") perforation were broken down at 6.2 BPM at 1500 psi. The 3000 gal. Westpod "A" pad was pumped at 6.2 BPM at 1500 psi. After 2750 gallons of 28% NELST acid was pumped, 6 ball sealers were dropped and the pressure did not increase, two additional balls were dropped while pumping 4500 gals. Westpod "A" with no apparent effect, Three additional ball sealers were dropped in the following 3000 gals. of 28% NELST acid with a slight increase in pressure. The acid was pumped at an average pressure of 2300 psi at 6 BPM. The initial shut down pressure was 800 psi, decreasing to 500 psi in 10 minutes. The well did not flow after treatment. Picked up RBP and reset at 4850'. Treated Group "C" perforations (ISMAY) as follows: Spotted two barrels of 15% NELST acid across perforations, set packer at 4728' and attempted to break down group "C" perfs. Formation did not break. Unseated packer and spotted fresh acid across perforations. Re-set packer at 4604' and pressure up to 6000 psi, formation would not take acid. Unseated packer picked up RBP and reset at 5356'. Pumped 2900 gals. of 15% NELST acid with all perforations exposed. Well would not flow. Began swabbing with all zones exposed.

Total Load to be Recovered:

18000 gals Westpad "A"	429 Bbls.
6000 gals 28% HCL acid	144 Bbls.
3000 gals 15% HCL acid	72 Bbls.
72 Bbls Water	72 Bbls.
	<hr/>
	717 Bbls.

Page -3-
COMPLETION REPORT
Navajo "B" #1

Swabbed 48 Bbls. of load water in two hours. Then shut in overnight. (717-48=665 bbls. yet to be recovered.)

4/14/73 - After shut in 12 hours SITP= 400 psi. Opened well to tanks and pressure blew down in 10 minutes. Started swabbing. Found fluid level at 1500' from surface. Swabbed as follows:

1st Hr.	19 bbls.	Fluid Level @ 1500'
2nd Hr.	23 bbls.	Fluid Level @ 1300' Gassy

Continued to swab. Well kicked off at 12:00 midnight. Flowed at variable rates until 7:00 p.m. Recovered a total of 313 bbls. of load water, 404 bbls. yet to be recovered. Shut down overnight.

4/15/73 - 12 hrs. SITP, 1200 psi. Open well to tanks and well flowed a total of 9 hrs. and recovered 375 bbls. load water. 19 bbls. load water yet to be recovered.

4/16/73 - Overnight shut in tubing pressure 1200 psi. Let off gas 20 minutes. Produced solid fluid plus slight show of gas. 20 minutes shut in tubing pressure 1000 psi. Rigged up kill truck. Attempt to kill well to retrieve tools.

4/17/73 - Killed well, 196 bbls. water. Went in hole with over shot. Picked up Packer and RBP. Recovered packer and over shot. Went in hole with new plug catcher. Shut down over night.

4/18/73 - Picked up RBP and came out of hole. Went in hole with new RBP and Packer. Set RBP at 5370' and Packer at 5175'. Rigged up to swab. Found fluid level at 2000' from surface. Swab down 300' in 1st hour. Small show of gas. Continuing to swab to recover load water. Shut down overnight.

4/19/73 - 13 Hrs. Shut in, 1000 lbs. Fluid level 1400'. 1 hr. swabbed 38 BF. Slight show of gas. 2200' fluid level. Swabbed 3 hrs. 60 bbls. of water. Water test 0.18 resistivity 760. Picked up RBP. Reset 5138' KB. Shut down 3:00 p.m..

4/20/73 - 16 hrs. shut in 1000 lbs. on tubing, no gage. Killed well. Recovered 80 bbls. brine. Flow undetermined amount water. Large show of gas. Reset Packer at 5078' to test lower Desert Creek 5102' to 06'. Operator pulled one stand to many and casing kicked off and flowed gas, fluid to surface 20 minutes. Could not equalize tubing pressure in annulus. Shut down overnight.

Page -4-
COMPLETION REPORT
Navajo "B" #1

4/20/73 - 16 hrs. shut in casing pressure 1000 lbs. Tubing no gage. Pumped 80 bbls. of brine down casing. Tubing kicked off and flowed undetermined amount of water plus large amount of gas. Killed tubing with 20 bbls. of brine. Reset packer at 5078'. Swabbed first hour . 34 bbls. of water plus very slight show of gas. Fluid level constant at 1700' from surface. Next 2 hrs. swabbed 59 bbls. of water no show of oil or gas. Sampled water, attempted to bleed down annulus to move tools. Called out kill truck. Killed well, reset RBP at 5086' and reset packer at 4953' to test upper Desert Creek perforations 4990' to 5067'. Shut down overnight.

4/21/73 - 13 hrs. Shut in tubing pressure 650 lbs. Shut in casing pressure 80 lbs. Bleed down tubing in 30 mins. Started swabbing to recover load. Initial fluid level at 1400' from surface. Swabbed down to 2000'. Fair gas flow after each swab run. First 1-1/2 swabbed 39 bbls. of water. Next 2 Hrs. recovered 40 bbls. water very slight show of gas. Took water sample and reset RBP at 4961' and reset packer at 4764' to 22'. Well kicked off and flowed to pit after first swab run. Flowed estimated 500 MCF per day gas plus 10 bbls. fluid per hour. Cut 1 to 2% green oil. 10 min. shut in tubing pressure at 375 lbs. Recovering spent acid water and drilling fluid. Shut down for Easter Holiday.

4/22/73 - Shut down.

4/23/73 - Shut in tubing pressure 1200 lbs. Flowed 38 bbls. fluid 11 hrs. 25 - 30% oil cut. First hour made 7 bbls fluid, last hr. 2 bbls. fluid; no gage on gas. Flow tubing pressure 50 lbs. to 25 lbs. Shut down - preparation to re-acidize.

4/24/73 - Shut down. Preparation to re-acidize.

4/25/73 - Shut in, preparation to re-acidize Ismay. Shut in tubing pressure 1200 lbs. Rigged up Western Company pump truck. Killed well with 110 bbls. of Brime. Picked up retrievable Bridge plug and came out of hole. Went in hole on tubing with Baker Model "N" Cast Iron Bridge plug and set at 4852' KB. Came out of hole and went back in with Baker Model "G" retrievable set down production packer and setting nipple. Circulated hole with western corrosion inhibitor in water, and set packer at 4788' KB. Re-acidized Ismay perms. 4814' to 22' with 6000 gals. NEA, over flushed with 50 bbls. treated Brime. Minimum treating pressure 1500 lbs. treating pressure 1500 lbs. Maximum treating pressure 1900 lbs. Average 1900 lbs. IFDT 300 lbs. 15 min. shut in pressure 50 lbs. total load to recover, 213 bbls. Shut down overnight.

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APR 30 1973

O & G CONS. COMM.

W
Page -5-
COMPLETION REPORT
Navajo "B" #1

4/26/73 - SITP vacuum. Fluid level 400' from surface.
Remove BOP. Installed tubing head, swabbed
two runs and well kicked off and flowed 78 bbls. first
hour and 15 minutes. Took bleeder sample, oil cut 3%
Dark green oil. Good gas blow. Est. 200 MCF per day.
Flowing tubing pressure 10 to 20 lbs. on open choke.
Continuing to flow to clean up. Rigging down and moving
out, pulling unit.

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O & G CONS. COMM.

Form PS-8 (Rev. 11/66)

THE WESTERN COMPANY

"Engineered Well Services"



GENERAL OFFICES - FORT WORTH, TEXAS
TREATMENT REPORT

DATE: 11 April 1973 Field Receipt No. 76723 Stage No. 1

Western District Fort Worth Operator American Fuel Corporation Well No. 1
Field Widest Location 9 W. 29th County Apache State Arizona

WELL DATA:
New Well Old Well Depth ID/PB 5874 Formation Badger Set At 5160
Size Tubing 2 3/8 Tubing Perf. ID Type Packer None
Size Casing 5.5 Wt. 17.0 Set From 0 To ID
Size Liner None Wt. None Set From None To None
Open Hole: Size None No. Per Ft. None Intervals 5199-5203, 5294-5297
Casing Perfs: Size 5332-5342 (10 holes) Prior Production None

Previous Treatment None
TREATMENT DATA:
Hole Loaded With Water
Treating Fluid 6000 gal. 28% HCl, 500 gal. 15% HCl
Propping Agent None
Auxiliary Materials 1 gal. Aquadag/1000 gal. w. Westpad A, 1% HCl
Westpad A 12 gal. Westpad A 12/1000 gal. in 2 stages
Ball Sealers: 9 in 2 Stages of 5, 2
HHP Used Acidmist
Procedure Spot 500 gal. 15% HCl across perforated interval & set packer. Break down formation and acidize as follows: 3000 gal. 28% HCl - 4500 gal. Westpad A - 3000 gal. 25% HCl - 4500 gal. Westpad A.

CAPACITIES & FLUID PUMPED:

Tubing Cap.	19.9
Casing Cap.	4.2
Annular Cap.	
Open Hole Cap.	
Fluid to Load	
Pad Volume	202
Treating Fluid	114
Flush	24
Overflush	6
Total to Recover	376

Time AM/PM	Treating Pressure - Psi		Bbl Fluid Pumped	Inj. Rate BPM	REMARKS -
	Tubing	Casing			
4:00	1300			5	Spot 500 gal. 15% HCl across 1st stage zones
4:30	1800	0		5	Break down formation & start pad
4:40	2500	0	95	7.5	start 28% HCl
4:47	3200	0	143	6.5	start dropping in 5 ball sealers
4:50	3000	0	167	7	all HCl - start Westpad A
5:04	2500	0	274	7.9	start 28% HCl - dump 2 liners
5:15	3800	0	346	7	all HCl - start dump
5:20	3500	0	376	6	all HCl - start dump

Treating Pressure: Min. 2400 Max. 3800 Avg. 3000
Inj. Rate On Treating Fluid 7.75
Inj. Rate On Flush 6
Avg. Inj. Rate 7.75
I.S.D.P. 950 Type Fluid Westpad A
Final Shut-in Pressure 800 in 10 min.
Operator Maximum Pressure 4000

Customer Representative L. Bayh
Western Representative L. Bayh
Distribution None

Form PS-8 (Rev. 11/66)

THE WESTERN COMPANY

"Engineered Well Services"

GENERAL OFFICES - FORT WORTH, TEXAS
TREATMENT REPORT



DATE: 12 April 1973
Western District Fort Worth Field Receipt No. 76723 Stage No. 2

Operator American Fuel Corporation Lease Norway B Well No. 1
Field Westcott Location Sec 9, T10N, 29E County Dock State Wyoming

WELL DATA:
New Well Old Well Depth TD(FB) 5160 Formation Barker Creek
Size Tubing 2 3/8 Tubing Perf. 0 Type Packer Baker Model R Set At 4970
Size Casing 5.5 Wt. 17.0 Set From 0 To TD
Size Liner Wt. Set From To
Open Hole: Size From To
Casing Perfs: Size .45 No. Per Ft. Intervals 4970-4990, 5015-5019, 5056-5067, 5102-5106 (13 holes)
Previous Treatment None Prior Production None

TREATMENT DATA:
Hole Loaded With Water
Treating Fluid 600 gal. 28% DS-40 HCL + 500 gal. 15% HCL
Propping Agent None
Auxiliary Materials 1 gal. Aquaflex/1000 in. instead of A, 2 gal. Lt. 22# 1000 in. all HCL, 1 1/2 HCL in all. 1000 in.
Ball Sealers: 13 in 6 Stages of 2, 2, 2, 2, 2, 2
HHP Used Acid master
Procedure Start 500 gal. 15% acid per 20 min intervals. On Reducer from interval start w/ 600 gal. 28% HCL. run 1/2 hr.

CAPACITIES & FLUID PUMPED:
Tubing Cap. 19.3
Casing Cap. 33
Annular Cap.
Open Hole Cap.
Fluid to Load
Pad Volume 144
Treating Fluid 1100
Flush 23
Overflush
Total to Recover 311

Time AM/PM	Treating Pressure-Psi		Bbl Fluid Pumped	Inj. Rate BPM	REMARKS-
	Tubing	Casing			
8:00	300				Start 500 gal 15% HCL + set Packer
8:30	1500			6.2	Bring up pump at Pod
8:41	2250		72	6	start 28% HCL
8:49	2750			6	Drop 2 Balls
8:52	2750			6	Drop 2 Balls
8:54	2950			5.5	Drop 2 Balls
8:58	2750		144	5.8	start Pad
9:02	2500		266	5.5	start 2 balls + start 28% HCL
9:12	2300		288	6.2	all HCL start flush
9:22	2300		311	5	all flush - shut down

Treating Pressure: Min. 1500 . Max. 3000 . Avg. 2300
Inj. Rate On Treating Fluid 6
Inj. Rate On Flush 6
Avg. Inj. Rate 6
I.S.D.P. 800 Type Fluid Whatpad A
Final Shut-in Pressure 500 in 10 min.
Operator Maximum Pressure 7000

Customer Representative J. Bangl
Western Representative J. Bangl
Distribution

WA

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

April 13, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1

Mesa Drillers

TD 5865' WOL

RECEIVED

APR 13 1973

O & G CONS. COMM.

WELL SITE CHECK

By WGA

Date 4-11-73

Contractor Mesa Drillers

Person(s) Contacted Max Carry

Spud Date 2-28-73

Consulting Eng.

Type Rig National Rotary Cable

Present Operations Preparing to Perforate 5 1/2 csg.

Samples Yes (10')

Drilling with Mud Air

Pipe 5 1/4 @ 5864

Size Hole _____

Water Zones _____

Size Drill Pipe _____

Lost Circ. Zones _____

Type Bit _____

Formation Tops _____

No. Bit _____ Drilling Rate _____

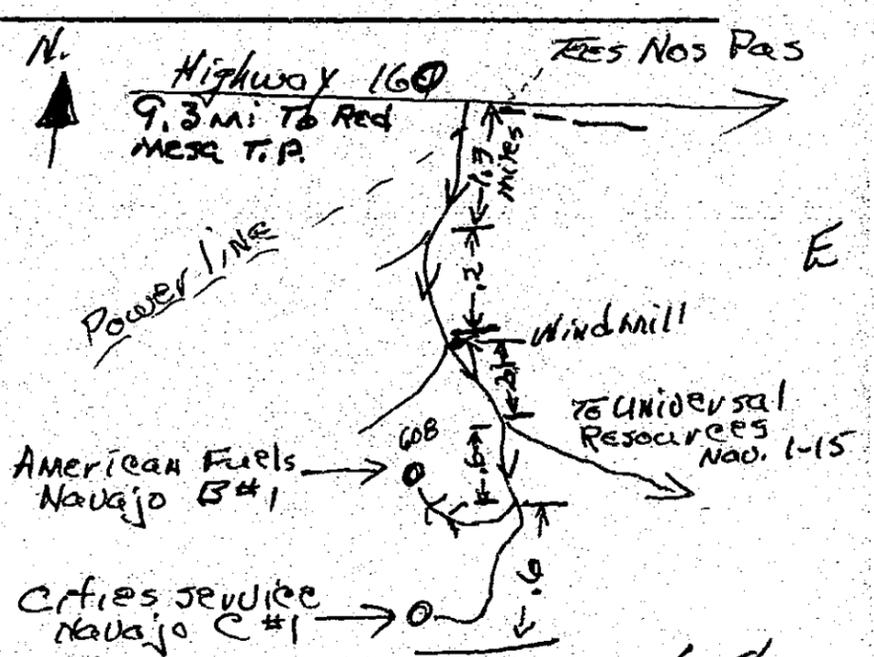
Cores, Logs, DST _____

Formation _____

Crews 3 - 4 MAN

Lithology _____

REMARKS, PHOTO, MAP



WELL NAME American Fuels Navajo B No 1

Permit No. 608
Confidential Yes No

5

WA
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

April 1, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
Mesa Drillers

TD 5865' WOL

RECEIVED

APR 03 1973

O & G CONS. COMM.

WA
3-29-70

RECEIVED

APR 02 1973

Samples have been received on the
American Fuels Corp., #; Navajo B O & G CONS. COMM.
Sec. 9-40N-29E
Apache Co. Arizona.

File # 608

You should see the snow storm we are having today.
If we don't get some dry weather drilling will
never get to start again. Guess your weather is
balmy.

Jo Ratcliff

FOUR CORNERS SAMPLE ASSOCIATION
P. O. BOX 899
FARMINGTON, NEW MEXICO



OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
4515 N. 7th AVE.
TELEPHONE: 271-5161
PHOENIX, ARIZONA 85013

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NOO-C-14-20-2249

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Amerada

9. WELL NO.

Navajo "B" #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

T40N, R29E,
SE SW Sec. 9

12. COUNTY OR PARISH 13. STATE

Apache Arizona

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

American Fuels Corporation

3. ADDRESS OF OPERATOR

XX 2921 Carlisle Blvd., NE, Suite 200, Albuquerque, NM 87110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

T40N, R29E, SW SW Sec. 9, Apache County,
Arizona

14. PERMIT NO.

608 (Arizona)

15. ELEVATIONS (Show whether DF, WT, GR, etc.)

5895' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) *

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

*PRODUCTION PIPE March 24, 1973

Ran 186 Joints of 5-1/2", 17# J-55, LT&C, 8 rd. Good cement above 4000'. 150% fill-up volume. 120 sacks 4% salt gel plus 100 sacks 2% salt gel. HOWCO Texas pattern guide shoe w/2 Joints (60.25') plug set well. WOC

RECEIVED

MAY 03 1973

O & G CONS. COMM.

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Agent

DATE 3/25/73

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

March 24, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
TD 5865'
Mesa Drillers

Ran 186 jts 5-1/2", 17# J-55,
LT & C, 8 rd. Good cement
above 4000'. 150% fillup
volume. 120 sx 4% salt gel.
+ 100 sx 2% salt gel.
HOWCO Texas pattern
guide shoe w/2 jts (60.25')
plug set well. WOC

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

March 23, 1973
6:00 a. m.

DAILY DRILLING REPORT

NAVAJO "B" #1
TD 5865'
Mesa Drillers

Schlumberger running logs.
Gamma Ray 5400' to surface.
Caliper - Sidewall Neutron
5400' to 1000'. Dual
Induction 5400' to 2500'.
Acoustic 5400' to 2500'.
Density.

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 22, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

T.D. 5865' lm. logging.
Bit #7, 7-7/8" F-5 in
5097' out 5865' for 768'
and 83-1/2 hrs. Vis 52.
MW 9.4. WL 5.8. Ph 7.4.
Salt 200. 11-1/4 hrs
drlg. 1/4 hrs Rig Sv.
4-1/4 hrs Circ. 6 hrs.
log.

LOGGING SECTION

WAC
JRS
EAK

AMERICAN FUELS CORPORATION

2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110

(505) 345-3507

March 21, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD.
Mesa Drillers

Drlg @ 5776' 1m & sh.
Bit #7 7-7/8" F-5 in
5097', drlg 679' for
72-1/4 hrs. Vis 40.
MW 9.1. WL 5.0. Ph
7.8. Salt 200. 23-3/4
hrs drlg. 1/4 hr Rig Sv.

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APR 02 1973

O & G CONS. COMM.

W/K

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 20, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 5566'. Lm & sh.
Bit #7 F-5. In @ 5097'
drld 469' for 48-1/2 hrs.
Vis 38. MW 9.1. WL 6.2.
Ph 7.6. Salt 150. 23-3/4
drlg. 1/4 hr rig Sv.

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MAR 21 1973
Q & G CONS. CO., INC.

RECEIVED

WPK
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 19, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 5341'. Lm to sh.
Bit #7 7-7/8" F-5. In
5097' for 243' and 24-3/4
hrs. Vis 40. MW 9.1+.
WL 4.8. Ph 7.6. Salt 200.
23-3/4 hr drlg. 1/4 hr
Rig Sv.

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MAR 20 1973
O & G CONS. COMM.

WAX
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 18, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 5130' 1m. Vis 38.
MW 9.1. Show 4804'-12'
Lm vug por. Mud log 20
units 3840 ppm - C-1. 140
ppm C-2. 60 ppm - C-3.
Some flor. 20% yellow.
Pin pt dead oil.

Show 4974'-6'. Dr time
fr 7'/min to 2-1/2/min to
5'/m. 12 units gas. 600
ppm - C-1. 20 ppm C-2.
20 ppm C-3. Some flor.
Dead oil.

Show 5045'-55'. 18 units
gas. 440 ppm - C-1. 60
ppm C-2. 60 ppm C-3.

Show 5087'-92'. 16 units
gas. 300 ppm - C-1. 20
ppm C-2. 20 ppm - C-3.
Drlg time 5'/min to 2-1/2/min
to 5'/min.

RECEIVED

MAR 20 1973

O & G CONS. COMM.

WJH

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 16, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 4684' lm, sh, slt.
Bit #6 7-7/8" J-44 in @
4541' out 4684' for 143'.
18 hrs drlg time. Vis 4l.
MW 9.2. WL 6.0. Ph 7.6.
Salt 250. 4 hr trip, 18
hrs drlg. 2 hr test. DST
#1 tool set in cave in.
DST #2 Rec 3' mud.

RECEIVED

MAR 19 1973

O & G CONS. COMM.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-2249

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Amerada

9. WELL NO.

Navajo "B" #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

T40N, R29E,
SE SW Sec. 9

12. COUNTY OR PARISH 13. STATE

Apache

Arizona

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
American Fuels Corporation

3. ADDRESS OF OPERATOR
2921 Carlisle Blvd., NE, Suite 200, Albuq., NM 87110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
T40N, R29E, SE SW Sec.9, Apache County,
Arizona

14. PERMIT NO.
608 (Arizona)

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5895' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

*DRILLSTEM TESTS:

Test No. 1- Tested Interval 4515' - 4541', Hit bottom 44' high. Tool opened at 0525 and slid 17'. Plugged tool. Came out of hole at 0545.

Test No. 2- Tested Interval 4515' - 4541, Opened tool for 5 min. first flow with a weak blow. Closed tool for 29 min. initial closed in pressure. Reopened tool for 121 minute second flow with a good blow - opened to flow line in 20 min. Closed tool for 60 min. second closed in pressure.

RECEIVED

MAY 01 1973

O & G CONS. COMM.

18. I hereby certify that the foregoing is true and correct

SIGNED: [Signature] TITLE Agent DATE

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

608

TIGHT HOLE...TIGHT HOLE

FLUID SAMPLE DATA		Date	3-15-73	Ticket Number	382393
Sampler Pressure	P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	FARMINGTON
Recovery: Cu. Ft. Gas		Tester	MR. SMITH	Witness	MR. BAILEY
cc. Oil		Drilling Contractor	MESA DRILLERS		IC S
cc. Water		EQUIPMENT & HOLE DATA			
cc. Mud		Formation Tested	Ismay		
Tot. Liquid cc.		Elevation	5905'		Ft.
Gravity	* API @ _____ *F.	Net Productive Interval	6'		Ft.
Gas/Oil Ratio	cu. ft./bbl.	All Depths Measured From	Rotary Kelly Bushing		Ft.
		Total Depth	4541'		Ft.
Recovery Water	@ _____ *F. _____ ppm	Main Hole/Casing Size	7 7/8"		
Recovery Mud	@ _____ *F. _____ ppm	Drill Collar Length	743'	I.D.	2 1/4"
Recovery Mud Filtrate	@ _____ *F. _____ ppm	Drill Pipe Length	3704'	I.D.	3.826"
Mud Pit Sample	@ _____ *F. _____ ppm	Packer Depth(s)	4509' - 4515'		Ft.
Mud Pit Sample Filtrate	@ _____ *F. _____ ppm	Depth Tester Valve	4493'		Ft.
Mud Weight	9.6 vis 60 cp				
Cushion	TYPE AMOUNT	Depth Back Pres. Valve	-	Surface Choke	3/4" ADJ. Bottom Choke 3/4"
Recovered	3 Feet of Drilling mud				
Recovered	Feet of				RECEIVED
Recovered	Feet of				11/15/73 1374
Recovered	Feet of				O & G COMM. COMM.
Recovered	Feet of				
Remarks	Opened tool for 5 minute first flow with a weak blow. Closed tool for 29 minute initial closed in pressure. Reopened tool for 121 minute second flow with a good blow - opened to flow line in 20 minutes. Closed tool for 60 minute second closed in pressure.				
TEMPERATURE	Gauge No. 2033 Depth: 4497' Ft.	Gauge No. 2032 Depth: 4537' Ft.	Gauge No. _____ Depth: _____ Ft.	TIME	
Est. *F.	Blanked Off NO	Blanked Off YES	Blanked Off	Tool Opened	04:25:00 AM
Actual 108 *F.	Pressures		Pressures	Tool Closed	08:00:00 AM
	Field	Office	Field	Reported	Computed
Initial Hydrostatic	2174	2211	2194	Minutes	Minutes
First Period	Flow Initial	13	27	5	5
	Flow Final	13	27	30	29
	Closed in	213	240		
Second Period	Flow Initial	13	27	120	121
	Flow Final	13	27	60	60
	Closed in	851	849		
Third Period	Flow Initial				
	Flow Final				
Final Hydrostatic	2174	2211	2194		

Legal Location Sec. - Twp. - Rng. NAVAJO 11B 11 Lease Name 1 Well No. 2 Test No. 4515' - 4541' Tested Interval

Field Area WILD CAT Med. From Tester Valve

County APACHE State ARIZONA

AMERICAN FUEL CORPORATION Lease Owner/Company Name

Gauge No.		2033		Depth		4497'		Clock No. 9756		24 hour		Ticket No.		382393	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t \pm \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t \pm \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $t \pm \theta$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.000	21		.000	20	.000		.000	17						
1	.019	20		.097	235	.399		.0201	122						
2								.0402	225						
3								.0603	321						
4								.0804	410						
5								.1005	496						
6								.1206	578						
7								.1407	652						
8								.1608	724						
9								.1809	790						
10								.2010	850						
11															
12															
13															
14															
15															
Reading Interval															
REMARKS:															
Gauge No. 2032 2032 4537' 4537' Clock No. 1768 1768 24 hour 24 hour															
0	.000	33		.000	32	.000		.000	32						
1	.018	32		.101	243	.422		.021	141						
2								.042	241						
3								.063	335						
4								.084	425						
5								.105	511						
6								.126	594						
7								.147	672						
8								.168	741						
9								.189	806						
10								.210	865						
11															
12															
13															
14															
15															
Minutes															

SPECIAL PRESSURE DATA

382393

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	6"	3 1/2"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3704'	
Drill Collars	6"	2 1/4"	743'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	6'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	3/4"	5'	4493'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4497'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2"	6'	4509'
Distributor				
Packer Assembly	6 3/4"	2"	6'	4515'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	2 1/2"	20'	
Blanked-Off B.T. Running Case	5 3/4"		5'	4537'

FLUID SAMPLE DATA				Date	Ticket Number
Sampler Pressure _____ P.S.I.G. at Surface				3-14-73	382392
Recovery: Cu. Fr. Gas _____				Kind of Job	Halliburton District
cc. Oil _____				OPEN HOLE	FARMINGTON
cc. Water _____				Tester	G. K. SMITH Witness MR. BAILEY
cc. Mud _____				Drilling Contractor	MESA DRILLERS SM
Tot. Liquid cc. _____				EQUIPMENT & HOLE DATA	
Gravity _____ * API @ _____ *F.				Formation Tested	Ismay
Gas/Oil Ratio _____ cu. ft./bbl.				Elevation	5905' Ft.
RESISTIVITY _____ CHLORIDE CONTENT _____				Net Productive Interval	6' Ft.
Recovery Water @ _____ *F. _____ ppm				All Depths Measured From	Rotary kelly bushing
Recovery Mud @ _____ *F. _____ ppm				Total Depth	4541' Ft.
Recovery Mud Filtrate @ _____ *F. _____ ppm				Main Hole/Casing Size	7 7/8"
Mud Pit Sample @ _____ *F. _____ ppm				Drill Collar Length	743' I.D. 2 1/4"
Mud Pit Sample Filtrate @ _____ *F. _____ ppm				Drill Pipe Length	3704' I.D. 3.826"
Mud Weight 9.6 vis 42 cp				Packer Depth(s)	4509-4515' Ft.
				Depth Tester Valve	4493' Ft.
Cushion				Surface Choke	3/4" Adj Bottom Choke 3/4"
Recovered _____ Feet of				Mesa from Tester Valve	
Recovered _____ Feet of				RECEIVED	
Recovered _____ Feet of				MAY 19 1974	
Recovered _____ Feet of				O & G CONS. COMM.	
Recovered _____ Feet of					
Remarks Hit bottom 44' high. Tool opened at 0525 and slid 17'. Plugged tool.					
Came out of hole at 0545.					
County APACHE					
State ARIZONA					
TEMPERATURE		Gauge No. 2033	Gauge No. 2032	Gauge No.	TIME
Depth: 4497 Ft.		Depth: 4537 Ft.	Depth: _____ Ft.	Hour Clock	Tool A.M.
Calc. 24 Hour Clock		12 Hour Clock		Blanked Off	Opened P.M.
Est. 110 *F.		Blanked Off no		Blanked Off yes	Blanked Off
Actual *F.		Pressures		Pressures	
		Field	Office	Field	Office
Initial Hydrostatic				Reported Computed	
Flow Initial		No readings available.... could not get to bottom.			
Flow Final					
Closed in					
Flow Initial					
Flow Final					
Closed in					
Flow Initial					
Flow Final					
Closed in					
Final Hydrostatic					

Legal Location: NAVAJO 11B11
 Lease Name: 9 40N 29E
 Well No.: 1
 Test No.: 1
 Field Area: WILDCAT
 Meas. from Tester Valve: 4515 - 4541'
 Tested Interval: 4515 - 4541'
 County: APACHE
 State: ARIZONA
 Lease Owner/Company Name: AMERICAN FUEL CORPORATION

382392

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	6"	3"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3704'	
Drill Collars	6"	2 1/4"	743'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	6'	
Dual CIP Sampler				4493'
Hydro-Spring Tester	5"	3/4"	5'	
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4497'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2"	6'	4509'
Distributor				
Packer Assembly	6 3/4"	2"	6'	4515'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	2 1/2"	20'	
Blanked-Off B.T. Running Case	5 3/4"		5'	4537'

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 15, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Testing @ 4541'. Vis 60. MW
9.6. WL 6.0. Ph 7.6. Salt
200. 8-1/4 hr trip. 3/4 hr
dn. 1/4 washing 30' to bottom.
16-3/4 cir & cond. 1-3/4 pick
up test tool. 2-1/4 testing.

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MAR 15 1973

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WA

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 14, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Pulling Dr stem. 4541'. Lm.
sh. Dev 1/2" @ 4541'. Vis
45. MW 9.3. WL 11.2. Ph 8.
Salt 300. 5-1/2 hrs drlg.
3-3/4 trip 10 hr dn (sampling
& cond. hole.) 1-3/4 hr pick-
ing up test tool. 3 hrs WO
daylight. Prep to DST 4522'-29'.
100 units gas. Lm. slt. sh. &
clay. Trace pinpoint por vug
por carbonate.

31,780 ppm - C-1
9,365 ppm - C-2
30 ppm - C-3

All gas. No fluorescence. Top
upper Hermosa 4224'. Show
lower Hermosa.

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WA
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 13, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 4471' lm & sh. Bit #5
Hughes J-3 in @ 3334' still drlg
for 1137' and 74 hrs. Vis 31.
MW 9.2. WL 10. Ph 8. Salt 250.
23-3/4 hrs drlg. 1/4 hr Rig Sv
& Ck BOP

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WA

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 13, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 4471' lm & sh. Bit #5
Hughes J-3 in @ 3334' still drlg
for 1137' and 74 hrs. Vis 31.
MW 9.2. WL 10. Ph 8. Salt 250.
23-3/4 hrs drlg. 1/4 hr Rig Sv
& Ck BOP

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W A
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

March 12, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 4174' sd & sh. Bit #5
J-3 in 3334' out 4174' for 470'
15-1/4 hrs. Vis 32, MW 9.2.
WL 12 Ph 8. Salt 250.

24 hrs drilling.

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WA
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

March 10, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 3379' sd & sh. Dev
3/4" @ 3334'. Bit #4 7-7/8"
Hughes XIG in 2988' out 3334'
for 346'. 19 hrs drlg time.
Bit #5 J-33 in 3334' out 3379'
for 45'. Vis 36. MW 9.3. WL 48
Ph 10. Salt 300. 19-1/2 hrs
drlg. 2-3/4 trip 1/4 hr survey.
1/4 hr Rig BOP.

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WP

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

March 9, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 3029' sd & sh. Survey
1-1/2^o @ 2750' - 3/4^o @ 2988'
Bit #3 7-7/8" Hughes XIG in
2763' out 2988' for 325'. Drlg
time 14-1/4 hrs. Bit #4 7-7/8"
Hughes XIG in @ 2988' for 41'.
Drlg time 2-1/4 hrs. Mud Vis
32, MW 9.2. Water loss 4. Ph
9.5. sd 15. salt 260. 19 hrs
Drlg - 4-1/4 hrs trip 1/4 hr
survey 1/2 hr Rig Sv.

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MAR 12 1973

O & G CONS. COMM.

WR
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 8, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drlg @ 2739' sd & sh. Bit #1
7-7/8" x 3 in 1083' out 2230' -
1147' in 27-1/2 hrs. Bit #2
Hughs 7-7/8" x IG in 2230'. Drlg
in hole 12 hrs. Mud Vis. 34, wt.
9.0. Drlg total 19-3/4 hrs. 2-1/2
hr trip. 1/4 hr survey laid dn 1
dr collar. 1/4 hr wire line 1/4
hr rig clean up - clean pits 1 & 2

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MAR 09 1973

O & G CONS. COMM.

WAF
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

DAILY DRILLING REPORT

March 7, 1973

NAVAJO "B" #1
6800' TD
Mesa Drillers

Drilling @ 1880'

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leaf

W.D.
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

DAILY DRILLING REPORT
March 5, 1973

NAVAJO "B" #1

Drilling @ 1100', shale.
Ran 1043' 8-5/8", 24#,
ST & C, surface pipe.
Set plug. Cmt'd w/1st
stage 225 sx 6% gel
(Class "C") w/1/4# sk
flocele. 2nd stage 50 sx.
2% gel (Class "C") w/2%
calcium chloride. Cir out
15 sx cmt. Drl'g ahead.

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MAR 05 1973
O & G CONS. COMM.

W 1A

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

DAILY DRILLING REPORT
March 2, 1973

NAVAJO "B" #1
6800' TD
Mesa Drillers

Mesa Drillers moved in 3-2-73.
Rigging up to spud 3-3-73.

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MAR 03 1973
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WA

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

DAILY DRILLING REPORT
March 1, 1973

NAVAJO "B" #1
6800' TD
Mesa Drillers

Loc compl. 2/26. Access Rd still
impassable for Mesa Rig. Crain
Drilling Co. moved small rig in
and spudded 2/28. Drlg 20'

Estimated 4 - 5 more days before
ground conditions right.

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MAR 02 1973

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WD
AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N. E., Albuquerque, New Mexico 87110
(505) 345-3507

NAVAJO "B" WELL NO. 1

INFORMATION DATA SHEET

Operator: American Fuels Corporation
2917 Carlisle Blvd. N. E., Albuquerque, N. M.
Telephone: 505 - 345-3507; 345-3508

Well Name: Navajo "B" Well No. 1

Location: 660' NSL and 2300' EWL, Section 9, T40N, R29E,
Apache County, Arizona

Lease Description: Sections 3, 4, 9 and 10, T40N, R29E,
Apache County, Arizona

Elevations: Ground level 5895'
Derrick floor 5905'
Kelly bushing 5906'
Permanent zero 5895'

Drilling Contractor: Mesa Drillers Rig. No. 1
P. O. Box 108, Lubbock, Texas 79408
Tool Pusher: Max Bailey
Farmington, New Mexico
Telephone: 505 - 327-9455

(Substructure 9', GL to DF 10', GL to KB - 11')

Cementing Services: Halliburton
406 Petroleum Plaza Bldg., Farmington, N. M.

Mud Supplier: Baroid, Farmington, New Mexico

Logging Services: Dresser-Atlas (Bud Dickerson), Farmington, N. M.

Geological Services: (Mud Logger) Colorado Plateau Well Logging Co.
Farmington, New Mexico
Telephone: 505 - 325-9671; 325-3641; 325-7855

Engineering Services: Curry Engineering Co.
P. O. Box 5596, Midland, Texas

Company Personnel: C. R. Robinson, Albuquerque, N. M.; 505-345-3509
E. M. Riebold, Albuquerque, N. M.; 505-345-3509, 867-5317
Daroyl R. Curry, Midland, Texas; 915-682-2031, 694-7849
Max E. Curry, Midland, Texas; 915-682-2031, 694-3625

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FEB 28 1973

O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

NAVAJO "B" WELL NO. 1

Section 9, T40N, R29E, Apache County, Arizona.

DRILLING PROGNOSIS

OBJECTIVE

The principal objectives of this operation are to test and evaluate the Paradox formations, the Mississippian formation and Devonian formations if present. The evaluation will be made from sample examination, mud logging, drill stem tests, log interpretation, and production tests. This well is programmed to gather as much geological and engineering data as possible and full cooperation from all service people involved is most important to obtain the maximum usable data.

PROCEDURE

Mesa Drillers will move in and rig up their Rig No. 1 on or about February 26th and spud an eleven-inch hole to be drilled to 1100' where they will run 8-5/8" OD surface casing as prescribed herein. A 7-7/8" hole will be drilled below the 8-5/8" OD casing to total depth. Fresh water will be used to drill out below the surface and minimum mud requirements will be used to 2500', some gel and a selective flocking agent as required to reduce solids yet permit maximum penetration rate. A de-sander should be in operation at this time. Below the 2500' depth the mud requirements will be such that good quality samples will be recovered. Based on mud logging and sample examination data, a decision will be made at or near 5400' whether or not logs will be run at that depth. In the event logs are run, the mud system will be brought up to the same

conditions required for drill stem testing described under MUD PROGRAM.

Upon reaching total depth, the hole will be circulated clean and logs will be run as set out herein. After the final set of logs have been run, it will be necessary to go back in and circulate the hole clean, coming out of the hole laying down drill pipe preparatory to running 5-1/2" OD casing.

MUD PROGRAM

Native mud will be used in drilling the eleven-inch surface hole with gel and lime added if needed. If sufficient fluid is lost to require lost circulation material, asbestos fiber may be used.

The cement plug in the 8-5/8" OD casing may be drilled with clear water. A selective flocking agent may be used below the casing seat to drop out solids. A de-sander will be used to further reduce the solids. Gel should be added as required to insure proper hole cleaning and to prevent caving. By the time 2500' is reached, the mud should be a low-solids, non-dispersed system with minimum requirements to get adequate samples. Any calcium should be treated with soda ash below 100 ppm. A pH of 9.0 or higher should be maintained with use of caustic soda. Fluid loss should be maintained between 6.0 and 8.0 cc/min. Viscosity should be 35 - 45 sec/qt and maximum solids should be no more than 5%.

NOTE: When taking DRILL STEM TESTS and when RUNNING LOGS or RUNNING 5-1/2" OD CASING, the mud viscosity should be 45 - 50 sec/qt with the water loss at 5 cc/min or less.

DRILL STEM TESTS

The mud logging crew will record significant data in their opinion that justifies a drill stem test and cause the rig to circulate to condition the hole. The geologist manning the logging unit will consult with the tool pusher then call Curry Engineering, Midland, Texas, to discuss the shows, hole condition, and

plan the tests. If there is any question of hole condition, the tool pusher should be available for discussion of the tests. The tool pusher will order the testing services with suitable cross-overs or other special equipment needed for the test. In all cases drill stem testing equipment shall include jars and a circulating sub and whenever practical, shall include double packers.

Under normal conditions all drill stem tests shall be taken at such time that the drill stem shall be pulled out of the hole during daylight hours with plenty of time to circulate the drill stem clean after reaching liquids when the drill stem is pulled. The tests shall include a five-minute pre-flow, a 30-minute initial shut-in pressure, a two-hour flow period that may be extended if it appears that formation fluids may reach the surface. In the event liquids do reach the surface, the flow rate will be gauged in 15-minute intervals for no less than two hours and, if the fluids be in a gaseous state, pitot tube or orifice meter measurements will be obtained at 15-minute intervals for a period consistent with good drilling practices under the existing circumstances. Upon completion of the flow period, a 30 - 60 minute shut-in pressure will be taken.

LOGGING PROGRAM

The mud logging crew will rig up for operations at 3500'. Samples will be caught each 10' from below the surface, but the logging crew will run samples from 2000' to total depth and furnish a detailed sample description to the operator.

The mud logging unit will be in operation from 3500' to total depth and should provide adequate evaluation of prospective pays to determine the necessity of drill stem tests and should provide geologic evidence that will be helpful in making a decision at or near 5400' whether electric or radioactive surveys should be run or not. If sufficient shows or tests have been encountered to justify log evaluation at this point, the following logs will be run:

- | | |
|---------------------|------------------|
| a. Gamma Ray | 5400' to surface |
| b. Sidewall Neutron | 5400' - 1000' |
| c. Caliper | 5400' - 2500' |
| d. Dual Induction | 5400' - 2500' |
| e. Acoustic | 5400' - 2500' |

When total depth is reached, the above logs will be run from total depth back to a tie-in depth of the first run or, if no logs have been previously run, from total depth to the lesser depth shown above.

CASING AND CEMENTING INSTRUCTIONS

SURFACE CASING

The 8-5/8" OD surface casing will be set in eleven-inch hole at a TD of 1100'. The casing will be run with a HOWCO Texas pattern guide shoe on bottom and an insert type float run between the first and second joints of casing. Three HOWCO type "S" centralizers will be run; one on the first, fourth, and seventh joints in the hole. The first two joints and the guide shoe will be made up with HOWCO Weld-A compound properly applied.

Halliburton will cement the surface casing as follows:

Slurry #1 will be 225 sacks of 6% gel (Class "C") cement with 1/4# sack of flocele having the following qualities:

Mixing water	87.8%
	9.91 gals/sack
Slurry weight	13.1 #/gal
Calculated volume	1.88 cu. ft./sack

Followed by Slurry #2 being 50 sacks of 2% gel (Class "C") with 2% calcium chloride having the following qualities:

Mixing water	66.6%
	7.52 gals/sack
Slurry weight	14.17 #/gal
Calculated volume	1.52 cu. ft./sack

One plug will be used and 500 psi will be left on the casing for 6 hours after testing the float. Pump trucks will be permitted to flush out cement on top of the plug. The drilling contractor will be able to release the pressure and

start nipping up and installing blow-out preventors after 6 hours, but in no event shall he commence drilling the plug until 18 hours after the plug is down. The casing will be tested at 30 feet below the float collar at 500 psi for a minimum of 30 minutes. If the casing holds 90% of its pressure after 30 minutes, the drilling contractor may drill out below the casing utilizing fresh water but preparing to meet the requirements of the mud program specified elsewhere in this prognosis.

PRODUCTION CASING

The 5-1/2" OD casing string will be run in 7-7/8" hole to total depth (estimated at 6800'). The casing will be run with approximately 2000' of 15.5#, J-55, 8 rd, ST & C on bottom and the remainder being 17#, J-55, 8 rd, ST & C. It is most important to note that all mill lacquer has been removed on the 15.5# pipe (the casing is used and should not have mill scale). A HOWCO Texas pattern guide shoe will be used with an insert float installed two joints off bottom. HOWCO type "S" centralizers will be used as directed by the company representative at the well site based on data obtained in drilling the well. The bottom two joints and the guide shoe will be made up using HOWCO Weld-A compound. Two plugs will be used and the plug will be displaced using a modified brine containing a surfactant. Pump trucks will NOT be permitted to clean up on top of the plug.

The cementing process will begin by pumping 12-15 barrels of brine containing mud flush and will be followed by approximately 100 barrels of brine pumped at a high injection rate. Slurry No. 1 will be 350 sacks of 4% gel (Class "C") cement with 18% sodium chloride (based on water), having the following qualities:

Mixing water	77.2%
	8.71 gal/sack
Slurry density	13.99 #/gal
Slurry volume	1.77 cu. ft/sack

Slurry No. 2 will be 100 sacks of 2% gel (Class "C") cement with 18% sodium chloride having the following qualities:

Mixing water	66.6%
	7.52 gal/sack
Slurry density	14.5 #/gal
Slurry volume	1.57 cu.ft/sack

The final plug will be bumped and tested, then 500 psi will be left on the casing. The pump trucks and lines will be cleaned up to the pits, NOT on top of the plug. WOC time will be a minimum of 16 hours. Pressure will be maintained on the casing for 12 hours at which time a bond log will be run over the prospective pay intervals as determined by the company representative at the drill site. Correlation logs will be run with the bond log and, if directed by the company representative, perforations may be made at that time. In the event the well must be drilled out below the plug, it will be done by picking up the production tubing string, four 4" OD drill collars and drilling out with the rotary rig. When total depth is reached and the hole has been circulated clean, the tubing will be tripped, the well perforated and treated and the completion head hooked up before the rig is released and rigged down.

ARC 2216
Form 9-1123
(Rev. Dec. 1957)

quadruplicate
(Submit in triplicate to appropriate
Regional Oil and Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Navajo Agency
Contract ~~Serial~~ No.: N00-C-14-20-2249

and hereby designates

NAME: Aqua Pura, Dry Mesa Division
ADDRESS: 2917 Carlisle NE, Alberquerque, New Mexico 87110

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 40 North, Range 29 East, G.S.R.M.
Section 9: All

Apache County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

AMERADA HESS CORPORATION
formerly AMERADA PETROLEUM CORPORATION

BY C. M. Murray
C. M. Murray (Signature of Lessee) Attorney-in-Fact

January 31, 1973
(Date)

P.O. Box 2040, Tulsa, Oklahoma 74102
(Address)

608

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

AMERICAN FUELS CORPORATION
NAME OF COMPANY OR OPERATOR

2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
Address City State

Mesa Drillers
Drilling Contractor

P. O. Box 108 Lubbock, Texas 79408
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Indian AZ-68 (NOO-C-14-20-2249)	Well number Navajo "B" Well #1	Elevation (ground) 5895
Nearest distance from proposed location to property or lease line: 660 feet	Distance from proposed location to nearest drilling, completed or applied--for well on the same lease: NA feet	
Number of acres in lease: Sec. 3-4-9-10 2560 acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: NONE	
If lease, purchased with one or more wells drilled, from whom purchased: NA	Name	Address
Well location (give footage from section lines) 2300 FWL, 660 - FSL	Section--township--range or block and survey T 40 N R 29 E Sec 9	Dedication (Comply with Rule 105) S/2 of SW quarter
Field and reservoir (if wildcat, so state) Dry Mesa	County Apache	
Distance, in miles, and direction from nearest town or post office 8 miles West of TEC NOS POS		
Proposed depth: 6800'	Rotary or cable tools Rotary	Approx. date work will start February 22, 1973
Bond Status Amount \$5,000 Single Well	Organization Report On file Or attached <input checked="" type="checkbox"/>	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary of the American Fuels Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Date

Permit Number: 608

Approval Date: 2-16-73

Approved By: [Signature]

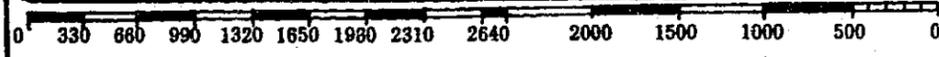
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____ If answer is "yes," Type of Consolidation FARMOUT
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner AMARADA-HESS	Land Description Secs 3-4-9-10																
<table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>																	
<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: right;"><i>[Signature]</i></p> <p>Name _____</p> <p>Position <u>Secretary</u></p> <p>Company <u>American Fuels Corp</u></p> <p>Date <u>Feb 9, 1972</u></p>																	
<p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>																	
<p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p>																	
<p>Certificate No. _____</p>																	



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8" O.D.		ST&C J-55		1100'	Circ.	250
5-1/2" O.D.	17 lb.	ST&C J-55		6800'	Up to 1100'	250

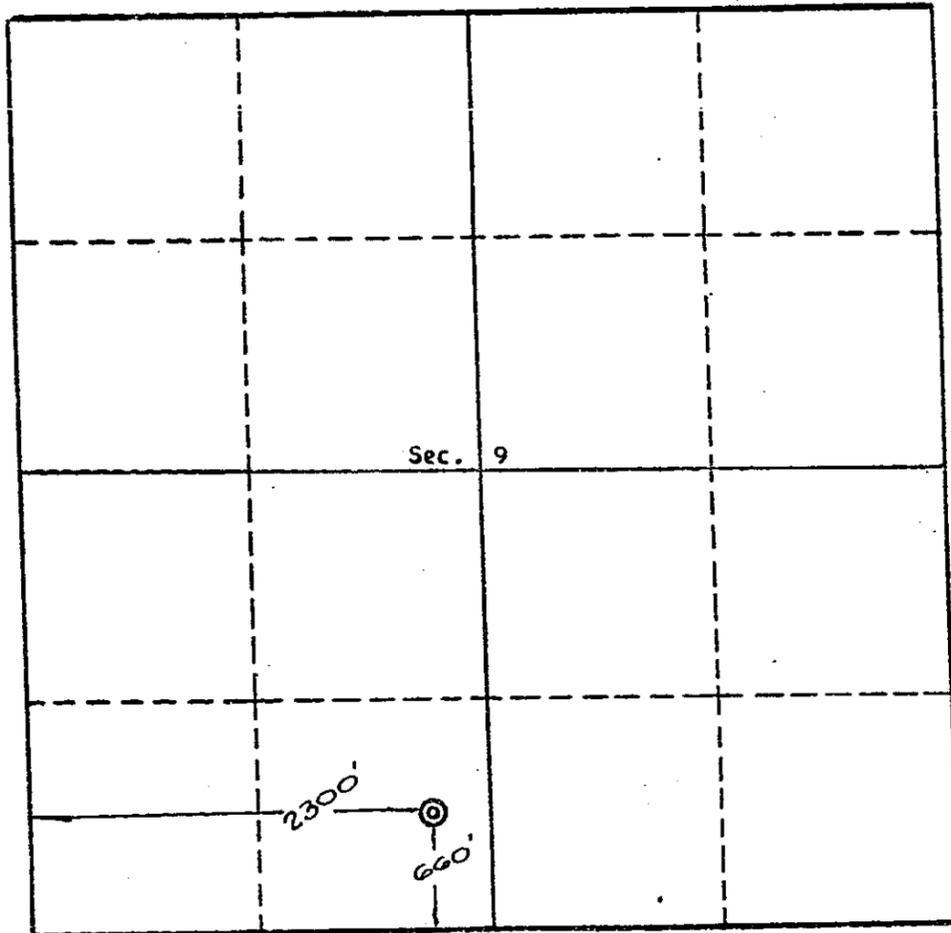
Company Aqua Pure, Inc.

Well Name & No. Nayjo #1

Location 660 feet from the South line and 2300 feet from the West line.

Sec. 9, T. 40 N., R. 29 E., G. & S. R. M., County Apache, Arizona

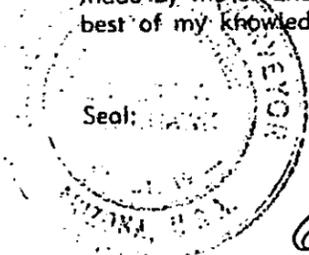
Ground Elevation 5895



Scale, 1 inch = 1,000 feet

Surveyed January 28, 1973

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Arizona Registration No. 2311

608

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

AQUA PURA, INC., ALBUQUERQUE, N. M.

DATE	INVOICE NO.	DESCRIPTION	AMOUNT	DISCOUNT OR DEDUCTION	NET AMOUNT
2/2/73		Drilling Permit #608			25.00



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: AMERICAN FUELS CORPORATION
(OPERATOR)

to drill a well to be known as

AMERICAN FUELS CORPORATION NAVAJO "B" WELL #1
(WELL NAME)

located 2300 FWL - 660 FSL
Section 9 Township 40N Range 29E Apache County, Arizona.

The S/2 of SW/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 16th day of February, 1973.

OIL AND GAS CONSERVATION COMMISSION

By W. C. Allen
EXECUTIVE SECRETARY

PERMIT N^o 608

RECEIPT NO. 2946
API NO. 02-001-20182

SAMPLES ARE REQUIRED

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

September 28, 1973

Ms. Nita I. Macaw
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Re: Bond Forms

Dear Ms. Macaw:

We are attaching the bond forms you requested in our telephone conversation. We are also enclosing a claim form for your signature. If you will have all three copies of this claim form signed and returned to this office, it will expedite the returning of your \$25,000.00 when we receive and approve your blanket bond in a like amount.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

June 3, 1973

Mr. John Bannister
Arizona Oil & Gas Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Bannister:

Our auditors, Hopkins & Hinkle, are making an examination of our financial statements and, in this connection, request you to confirm directly to them deposits held by you.

According to our records at May 31, 1973, you are holding oil and gas lease bond deposits amounting to \$25,000.

Please compare the above information with your records and advise Hopkins & Hinkle, in the space provided below, whether the above is correct noting any differences thereon. We have enclosed a self-addressed envelope for your convenience.

Sincerely,

Jack H. Evans
Jack H. Evans
Secretary-Treasurer

RECEIVED

JUN 10 1973

O & G CONS. COMM.

Hopkins & Hinkle:
223 Citizens Bank Bldg.
2500 Louisiana Blvd., N.E.
Albuquerque, New Mexico 87110

The above information is correct as of May 31, 1973,
~~except as follows:~~ W&H

Date: 6-6-73 Signature *W.E. Allen*
for J.B.

RECEIVED

JUN 10 1973

O & G CONS COMM.

May 30, 1973

Mr. Ernest Garfield
State Treasurer
107 Senate Wing
State Capitol
Phoenix, Arizona 85007

Dear Sir:

The Arizona Oil and Gas Conservation Commission has deposited the total amount of \$25,000 with your office. This sum of money was originally submitted to the Commission in the form of cashier's checks by American Fuels Corporation of Albuquerque, New Mexico to cover their bonding obligation to the State of Arizona.

This letter is to advise the State Treasurer that the subject \$25,000 is refundable to American Fuels at such time as the Corporation has fulfilled all their obligations to the State of Arizona or at such time as they may decide to have an acceptable commercial surety company cover their bonding obligations.

Attached are copies of two letters relating to this subject.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

May 25, 1973

ARIZONA OIL & GAS COMMISSION
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

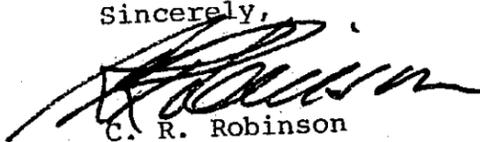
ATTENTION: Bill Allen

Re: \$25,000 Blanket Bond
Your letter; May 21, 1973

Gentlemen:

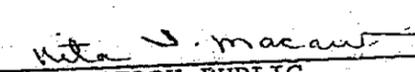
Please be advised that we desire to apply the \$25,000 cash
deposit as a blanket bond covering all our operations in
the State of Arizona.

Sincerely,


C. R. Robinson
Agent

CRR/nim

Subscribed and Sworn to before me this
25th Day of May, 1973.


NOTARY PUBLIC

My Commission Expires:

9/10/73

RECEIVED

MAY 30 1973

O & G CONS. COMM.

May 21, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle N.E.
Albuquerque, New Mexico 87110

Re: Blanket Bond

Dear Mr. Robinson:

You now have on deposit with the Arizona Oil and Gas Conservation Commission the sum of \$25,000 to cover the bonding obligation of various wells that your Company has drilled or is in the process of drilling within the State of Arizona. This sum of money is equivalent to the amount of security required for a blanket bond, however, every time that you have submitted your check to cover the bonding obligations, the check and accompanying letter covered a specific well or wells.

In order for the \$25,000 cash deposit to serve as a blanket bond, it will be necessary for you to notify the Commission in writing (and all signatures notarized) that the subject sum is for the purpose of fulfilling all requirements of the Arizona Revised Statutes 27-516 providing for the proper drilling, casing, and plugging of all wells and for the filing with the Oil and Gas Conservation Commission all notices and records required by the Commission.

You realize, of course, that if the money that you have on deposit with the Commission is to be considered a blanket bond, it will remain on deposit with the Commission as long as your Company has any operations with the State of Arizona.

You may at any time reclaim the cash deposit by furnishing the Commission an approved bond in the amount required.

Should you have any questions regarding any of this, please do not hesitate to notify us.

Very truly yours,

W. E. Allen, Director
Enforcement Section
WEA/rlb

2612



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

May 21, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd. N.E.
Albuquerque, New Mexico 87110

Re: Navajo "E" #1	Navajo "G" #1	Navajo "O" #1
SE/SW Sec 31-T41N-R28E	SW/SW Sec 34-T41N-R28E	NE/NW Sec 3-T36N-R28E
Apache County	Apache County	Apache Co.
Permit No. 613	Permit No. 614	Permit No. 612 (will be)

Dear Mr. Robinson:

Enclosed please find Receipt Nos. 2953 and 2954, covering the \$25 filing fee, a copy of your approved Applications for Permit to Drill and Permit to Drill Nos. 613 and 614.

You will notice that we have not issued the permit for the above referenced Navajo "O" #1. There has been no bond posted for this well. We are withholding the issuance of this permit until such time as we have received approval from you signifying your willingness to apply the \$25,000 cash deposit as a blanket bond covering all your operations. As soon as this approval is received, the permit for the drilling of Navajo "O" #1 will be issued.

Your Application to Drill your Navajo "E" #1 well dedicates the W/2 of the SW/4 to this well, since the actual location of the well is the E/2 of the SW/4, we assume that is the acreage you wish to dedicate to this well and we have issued the permit indicating the dedication to be the E/2 of the SW/4.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Enc.

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

May 18, 1973

Arizona Oil and Gas Commission
State of Arizona
4515 North Seventh Avenue
Phoenix, Arizona 85013

Attn: Mr. Bill Allen

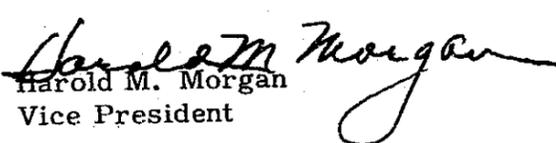
Re: Leases NOO-C-14-20-2254
NOO-C-14-20-2256
Apache County, Arizona

Dear Mr. Allen:

Enclosed please find a cashiers check in the amount of \$10,000
for bond deposit on Wells "E" and "G" on above-referenced leases. No. 28444

Sincerely,

AMERICAN FUELS CORPORATION


Harold M. Morgan
Vice President

HMM:jb

encl.

RECEIVED

MAY 21 1973

O & G CONS. COMM.

May 11, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle N.E.
Albuquerque, New Mexico 87110

Re: Navajo "O"-1
Navajo "E"-1
Navajo "G"-1

Dear Mr. Robinson:

We are holding the Applications to Drill the above three referenced wells. As of this date, we have heard nothing from the bonding company that you have mentioned in telephone conversations that would be handling the bond for your Company. Also you failed to include the certified plat with your application for the Navajo "E"-1.

This office is very desirous of expediting your submitted applications, however, we cannot do anything towards issuing the permits until we have received the bond covering these wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Navajo "O"-1 #612

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

May 2, 1973

Mr. John Bannister
Arizona Oil & Gas Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Sir:

Siecke, Newman & Co., Inc., 1776 Lincoln, Denver, Colorado, 80203, are making their usual examination of our accounts and we shall be obliged, therefore, if you will kindly confirm to them that you are holding a \$15,000 oil and gas lease bond deposit.

Yours truly,

[Handwritten Signature]
AMERICAN FUELS CORPORATION

Correct _____ Incorrect _____
(If incorrect, please explain difference)

Signature *[Handwritten Signature]*

ARIZONA OIL & GAS COMMISSION
STATE OF ARIZONA
4515 NORTH 7TH AVENUE
PHOENIX, ARIZONA 85013

April 30, 1973

Mr. C. ^{R.} Robinson
American Fuels Corporation
2917 Carlisle N.E.
Albuquerque, New Mexico 87110

Re: Navajo "O"-1
NE/NW Section 3-T36N-R28E
Apache County

Dear Mr. Robinson:

The application for Permit to Drill the above referenced well has been received. You note on the application that the bond status is "on file in the amount of \$15,000." Until such time as we receive a bond or the equivalent in \$5,000 cash to cover the bonding on this well, this office will be unable to issue a permit for the drilling of this well.

We suggest that since your Company is active in this State that you secure a blanket bond in the amount of \$25,000 which will cover all activities within the State.

The application indicated this well to be drilled in Section 3-T63N-R28E, with your permission we will change the T63N to 36N.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

612

TELEGRAM

4-23-73

WILLIAM E. ALLEN
ARIZ. OIL & GAS CONSERV. COMM.
PHOENIX, AZ

FIVE THOUSAND DOLLAR CASHIER CHECK NUMBER 26699 REPRESENTING
BOND FOR AMERICAN FUELS ON NAVAJO C#1 MAILED BY CERTIFIED MAIL
THIS DATE TO ABOVE ADDRESS.

DONALD T MORGAN
FIRST NATIONAL BANK
ALBUQUERQUE, NM


western union

Telegram

PFB332(1844)(1-047851A113)PD 04/23/73 1844

ICS IPMAYKB ABQ

02136 ALBUQUERQUE NM 24 04-23 NPT

PMS BILL ALLEN DEPUTY COMMISSIONER

4515 NORTH SEVENTH AVENUE

PHOENIX ARIZ 85013

DLRS 5,000.00 CASHIER'S CHECK #26699 REPRESENTING BOND FOR AMERICAN
FUELS ON NAVAJO C#1 MAILED BY CERTIFIED MAIL THIS DATE TO
ABOVE ADDRESS

DONALD T MORGAN FIRST NATL BANK IN ALBUQUERQUE

RECEIVED

APR 20 1973

O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 23, 1973

WA

Arizona Oil & Gas Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: John Bannister

Re: Navajo "M" #1
SE SW Section 16,
T41N, R30E,
Apache County, Arizona

Dear Mr. Bannister:

Attached hereto is Cashier's Check No. 24809 in the amount of \$5,000.00 representing the drilling bond requirement on the above subject well. The permit application has been sent to you under separate cover. We expect to commence drilling on March 27, 1973.

Sincerely,

American Fuels Corporation



C. R. Robinson

CRR:jb

att.

RECEIVED

MAR 25 1973

O & G CONS. COMM.

609 Cash Bond

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

CASH BOND

Bond Serial No. N/A

That we: American Fuels Corporation

of the County of Bernalillo in the State of New Mexico

as principal, and N/A

of AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand Dollars (\$5,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Center SE SW, Section 9, T 40 N, R 29 E, Apache County, Ariz. (Single well-cash bond) (May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 9th day of February, 1973

American Fuels Corporation
By: Carl R. Robinson Secretary

WITNESS our hands and seals this N/A day of N/A, 19

Surety

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: 2-16-73
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. 608

CASH BOND



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

February 6, 2001

MEMO

To: Alan Larson, RIM Operating
From: Steve Rauzi
Re: Partial logs for American Fuel #1 Navajo-B

Two-inch FDC, SNP, and BHC from about 4,000 ft to TD 5,875 ft. Let me know if there is anything else.

Steve

ARIZONA GEOLOGICAL SURVEY 416 W. CONGRESS, SUITE 100, TUCSON, AZ 85701

FAX

Date: 2-5-01
Number of pages including cover sheet: 2

To: Alan Larson

RIM Operating

Phone: 303-799-9828

Fax phone: 303-799-4259

CC: _____

From: Steve Rauzi

Arizona Geological Survey

416 W. Congress, Suite 100

Tucson, AZ 85701

Phone: (520) 770-3500

Fax phone: (520) 770-3505

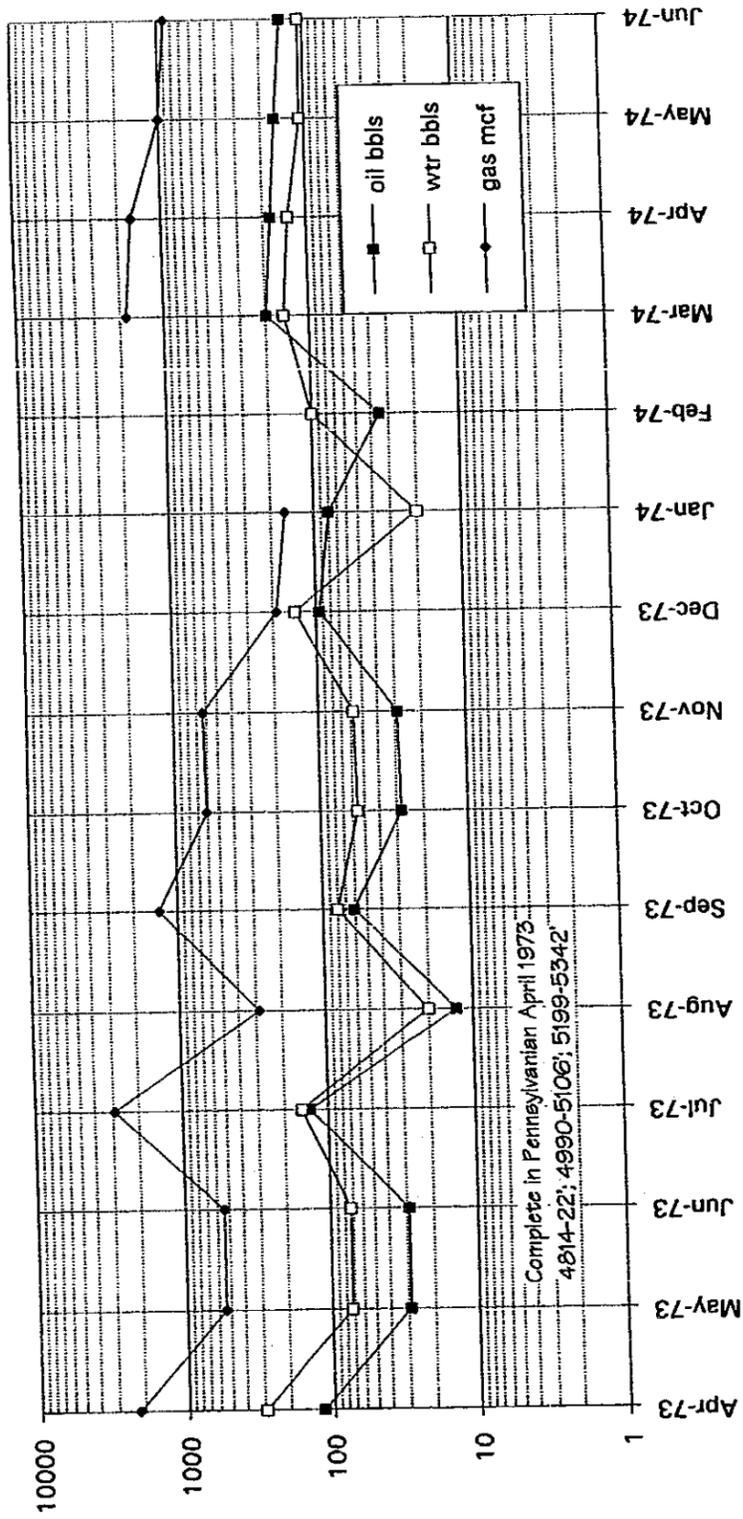
REMARKS: Urgent For your review Reply ASAP Please comment

① Completion report & P&A report for
Am Facs #1 Nav-B.

② Production tabulation + chart

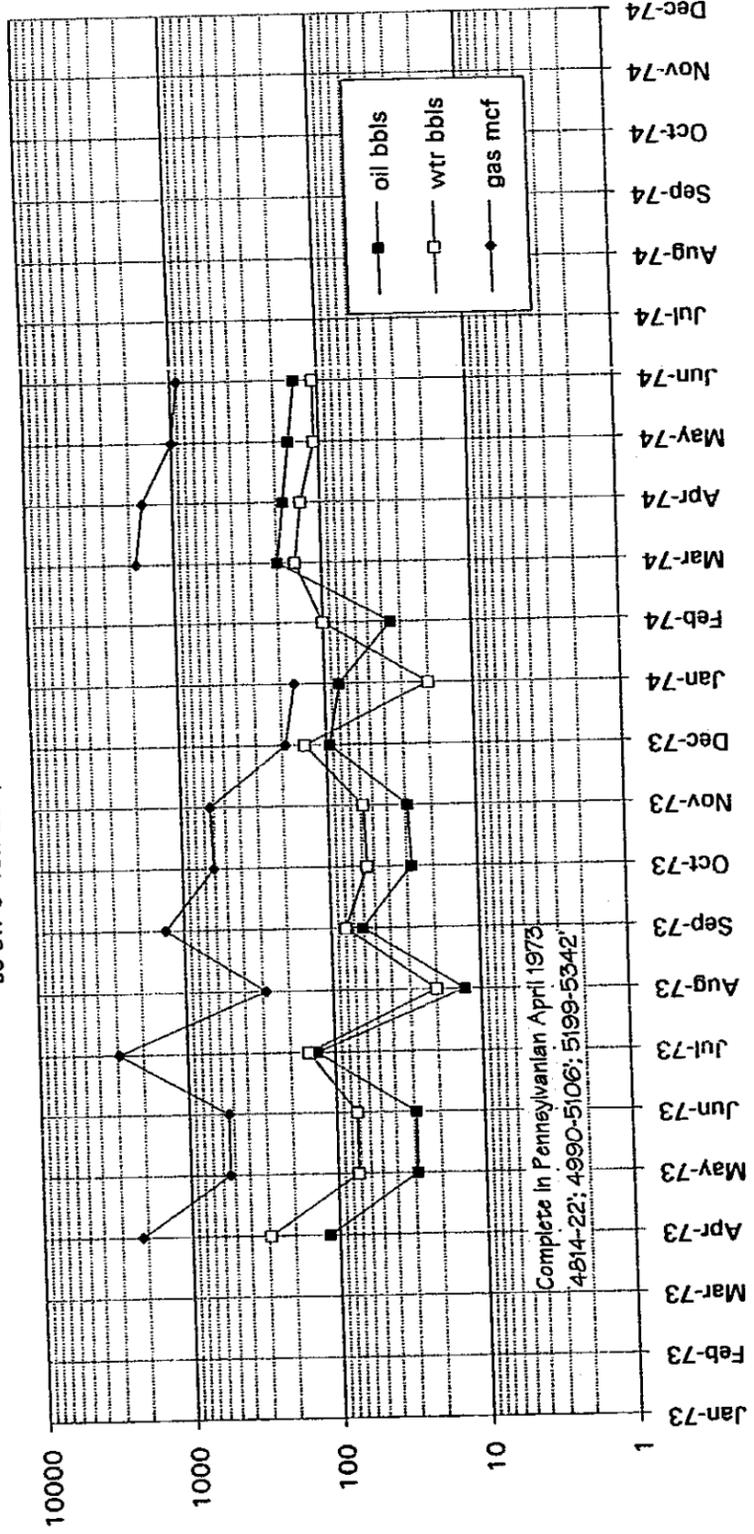
③ We have SNP, DIL, BHC, FDC/GR

MONTHLY PRODUCTION AT AMERICAN FUELS 1 NAVAJO--B (608), ARIZONA: APR 1973 - JUN 1974
 se sw 9-40n-29e, Black Rock Field, Apache County



Complete in Pennsylvania April 1973
 4814-22; 4990-5106; 5199-5342

MONTHLY PRODUCTION AT AMERICAN FUELS 1 NAVAJO-B (608), ARIZONA: APR 1973 - JUN 1974
 se sw 9-40n-29e, Black Rock Field, Apache County





Oil and Gas Conservation Commission
STATE OF ARIZONA

3110 N. 19th AVENUE, SUITE 190
PHOENIX, ARIZONA 85015
PHONE: (602) 255-5161

March 20, 1989

Mr. Marshall Watson
Chuska Energy
315 N. Behrend
Farmington, NM 87411

Re: Daily Drilling Reports
State Permits #598, #608, and #615

Dear Mr. Watson:

As you have requested, I am sending copies of the daily drilling reports for each of the referenced wells. These copies represent all of the daily drilling report data in our files.

Also enclosed is an invoice in the amount of \$19.75 to cover copying charges for 79 pages at 25 cents per page.

If we can be of further assistance, please advise.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Specialist

Encl.
lr



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Drawer 600
Farmington, New Mexico 87401

RECEIVED

MAR 2 1984

O & G CONS. COMM.

2/28/84

Amerada Hess Corp
To Mr. Tom Adams
P.O. Box 68
Farmington, NM 87499
Well No. #1 Navajo B
Lease No. N00 - C-14-20 - 2299

Location SE 1/4 SW, sec. 9, T40N, R29E

Gentlemen:

The attached surface rehabilitation requirements, supplied by the surface managing agency, must be completed for the permanent abandonment of this well location. Please notify this office upon completion of the surface rehabilitation operations.

R. B. [Signature]
District Oil and Gas Supervisor
Acting Asst. Area Manager

**SURFACE REHABILITATION REQUIREMENTS
for P & A WELLS**

RECEIVED
MAR 2 1984
O & G CONS. COMM.

COMPANY Amerada Hess Corp
WELL# 1 Navajo B

The following requirements apply if checked:

- Oil Spillage must be cleaned up and buried or removed to an appropriate landfill.
- Debris must be removed from the location.
- Pit must be filled and leveled.
- Pad and/or access road must be leveled, disced and prepared for seeding. Seed will be drilled at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch or broadcast and followed by a drag or packer.
- Disturbed areas will be seeded with the following seed mix.
Rip well pad surface at least 12" prior to seeding.

SPECIES	Lbs./Acre/PLS
1. Crested wheatgrass	2
2. Sand dropseed	1
3. Cliffrose	1
4. Fourwing saltbush	1
5.	

RECEIVED
FEB 28 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Purity X Germination = Pure Live Seed (PLS). If broadcast, the above seed mix will be used at 150% of the recommended rate. If, in the opinion of the surface management agency, the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings ~~until~~ ~~regeneration is successful.~~

- Other
 - 1) A berm minimum of 18 inches in height will be constructed around the periphery of the well pad
 - 2) Access road will be barricaded in two places to keep the public out of the seeded area. First, is 400 feet west from the location and the other is 200 approximately 200 feet east from the location in a wash.

RECEIVED

MAR 2 1984

O & G CONS. COMM.

NAVAJO "B" #1

Re-Entry Procedure

1. Rig up and remove P&A marker and drill out cement surface plug (3 bbls).
2. Drill up cement retainer at 1004'. Trip out.
3. On wireline perforate 2 shots at 3100' and 2 shots at 1550'. Trip out wireline.
4. On tubing, run in with cement retainer and set at 3000'. Establish rate and pump 6 barrels (30 sks.) of Class "B" neat cement to fill 100' of casing inside and 100' of the outside annulus. Sting out of retainer and trip out.
5. Trip in with tubing and second cement retainer. Set retainer at 1450'. Establish rate and pump 6 barrels (30 sks.) of Class "B" neat cement to fill 100' of casing inside and 100' of the outside annulus. Sting out of retainer.
6. Pull up tubing to 1100' and spot 100' cement plug across perforations at 1050'. (3 bbls. or 15 sks.)
7. Pull up tubing and spot 15 sks. of cement in the top for surface plug.
8. Install P&A marker.

verbal approval of this
procedure from Earl Beacher
w/BLM @ 10:30 AM 2-7-84

Jennie Deden Behles, J.D.

Attorney At Law
Specializing in Bankruptcy Law

Linda S. Bloom, J.D.

Attorney At Law

December 20, 1978

1012 American Bank of Commerce Complex
200 Lomas, N.W.
Albuquerque, New Mexico 87102
Telephone (505) 243-9756

RECEIVED

DEC 26 1978

D & B CONS. COMM.

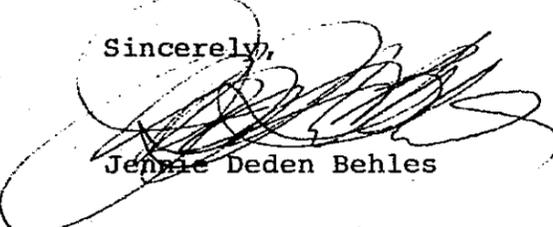
Oil and Gas Conservation Commission
State of Arizona
Attn: W. E. Allen
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: Chapter X Proceeding for Reorganization,
U.S. District Court, In the Matter of
American Fuels Corporation, Debtor
No. B75-894

Dear Mr. Allen:

Any money due to American Fuels Corporation should
be turned over to the Trustee in Bankruptcy, Mr. Mark
McFeeley at 200 West De Vargas, Santa Fe, New Mexico
87501. If you have any more questions, don't hesitate
to write.

Sincerely,


Jennie Deden Behles

mjs

~~607~~
607

December 13, 1978

Ms. Jennie D. Behles
Smiley Professional Association
707 American Bank of Commerce Complex
200 Lomas NW
Albuquerque, New Mexico 87102

Re: Chapter X Proceeding for Reorganization,
U.S. District Court, In the Matter of
American Fuels Corporation, Debtor
No. B75-894

Dear Ms. Behles:

The Oil and Gas Conservation Commission of the State of Arizona holds a \$25,000 cash bond submitted to the Commission by American Fuels Corporation to insure their compliance with all of the Commission's rules and regulations.

Our question is this: Does any person, firm or corporation, other than the proper officers of American Fuels, have any claim on the monies being held by this Commission? If no person, firm or corporation has any claim on this money, is this Commission free to release the bond to the proper claimant?

Any information you may give us in this matter will be appreciated.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

cc - Mark McFeeley
Trustee



AMERICAN / CANADIAN
STRATIGRAPHIC

6280 E. 39TH AVENUE
DENVER, COLORADO 80207, U. S. A.
(303) 399-2746 TELEX 45-622

January 27, 1978

Mr. W. E. Allen
Oil and Gas Conservation Commission
State of Arizona
1645 Jefferson
Suite 420
Phoenix, Arizona 85007

Dear Mr. Allen:

We are sending to you today by U. P. S. the following well samples:

American Fuels Corporation	# 1-0 Navajo
" " "	# 1-AC Navajo
" " "	# 1-B Navajo
" " "	# 1-E Navajo

Three other wells you requested, including the Fee Oil & Gas #1 Navajo, are not in the Four Corners Library.

Also being sent to you Monday will be the Energy Reserves Group #5 Navajo "0" - 3 boxes.

Sincerely,

Jerry Blair
Jerry Blair
AMERICAN STRATIGRAPHIC COMPANY
JEB/ap

608

1782



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

January 17, 1978

Mr. Jerry Blair
American Stratigraphic Company
6280 E. 39th Avenue
Denver, Colorado 80207

Dear Mr. Blair:

The following is a list of the wells I spoke to you about earlier today:

American Fuels Corp.	Navajo 0 #1	760'	FNL &	1800 FWL	Sec. 3,	T36N, R28E
"	"	"	"	Navajo B #1	2300'	FWL & 660 FSL Sec. 9, T40N, R29E
"	"	"	"	Navajo M #1	1775'	FNL & 645 FSL Sec. 16, T41N, R29E
"	"	"	"	Navajo C #1	760'	FSL & 630 FWL Sec. 6, T40N, R29E
"	"	"	"	Navajo AC#1	490'	FNL & 500 FEL Sec. 17, T40N, R29E
"	"	"	"	Navajo E #1	380'	FSL & 1820 FWL Sec. 31, T41N, R28E
Fee Oil & Gas Co.	Navajo #1	2310'	FWL &	1650 FNL	Sec. 16,	T40N, R28E

All of these wells are in Apache County, Arizona.

It is my understanding that Four Corners Sample Cut had cut all these well samples but were withholding the American Fuel samples because of non payment. Four Corners Sample Cut assured me that they would send us the samples from Fee Oil and Gas Company, however we never received them.

If you can assist this Commission in acquiring samples from these wells, it will be greatly appreciated.

Very truly yours,

W. E. Allen
Director
Enforcement Section

WEA/vb

608

SMILEY PROFESSIONAL ASSOCIATION

Attorneys at Law

707 American Bank of Commerce Complex, 200 Lomas NW
Albuquerque, New Mexico 87102
Telephone (505) 842-9707

July 8, 1975

Jennie Deden Behles, J. D.
Practice Primarily Limited to Bankruptcy Law

Thomas Smiley, J. D.
Of Counsel
Specializing in Bankruptcy Law

NOTICE TO CREDITORS AND STOCKHOLDERS OF AMERICAN FUELS CORPORATION:

Re: Chapter X Proceeding for Reorganization,
U. S. District Court, In the Matter of
American Fuels Corporation, Debtor.
No. B75-894

Dear Sirs:

This office, representing the debtor, filed a petition for reorganization under Chapter X as set forth above on July 7, 1975. According to information made available to us you are either a creditor or shareholder in the debtor corporation. A hearing will be held in this matter not less than 30 nor more than 60 days after the approval of the Chapter X petition of which hearing you shall receive at least 30 days notice.

The District Judge has approved the Chapter X petition. Pursuant to §148 of the Act, the order approving the petition operates as a stay of any prior pending bankruptcy, mortgage foreclosure or equity receivership proceedings, and of any act or other proceeding to enforce a lien against the debtor's property. The Court has also approved an order staying the commencement or continuation of any suits against the debtor.

Any action taken in violation of the stay entered by the Court could operate to subject you to possible contempt proceedings and any such action would probably be considered null and void. Your attorney should be consulted in regard to these matters.

RECEIVED

JUL 2 1975

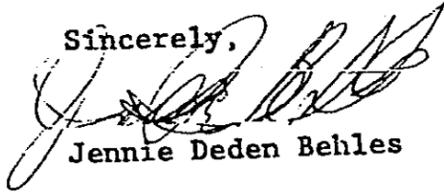
O & G CONS. COMM.

604

Mark McFeeley has been appointed trustee in this proceeding.
His address is 319 Johnson Street, Santa Fe, New Mexico 87501.

Questions in regard to this proceeding should be addressed
to this office or to the office of the trustee. The officers
and directors of the debtor have no authority, without prior approval
of the Court and direction from the trustee, to operate the business
of the debtor, handle its affairs or make any arrangements with
its creditors or stockholders.

Sincerely,



Jennie Deden Behles

JDB:ng



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

March 28, 1975

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Re: American Fuels Corporation Samples

Dear Mrs. Ratcliff:

Thanks for sending us a copy of your invoice billing American Fuels for cutting the samples from five of their six wells drilled in Arizona.

I have discussed the payment situation with everyone concerned including the Attorney General's Office in an effort to get you immediate payment and to allow us to receive the samples without a long wait. I find that this condition cannot dip into their bond on a "piece meal" basis. This would tend to put the Commission in the position of a collection agency.

About all I can promise you is that before American's bond is released, you will be paid for the samples.

I am sorry that we are unable to do any better but it seems this is it.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

Four Corners Sample Cut Association

March 24, 1975

A Non-Profit Organization

Date

P. O. BOX 899
FARMINGTON, NEW MEXICO 87401

Office: 641 West Broadway
Phone: 325-9232

American Fuels Corp.
2917 Carlisle Blvd. NE
Albuquerque, N.M. 87110

STATEMENT

No.

No.

Operator	Well	Feet Cut	Date	No. Sample	@	Total
Am Fuels	#1 Nav. O	1163-3950		306	.10	30.60
Am Fuels	#1 Nav. O	1163-3950		306	.10	30.60
Am Fuels	#1 Nav. E	310-7635		701	.10	70.10
Am Fuels	#1 Nav. E	310-7635		701	.10	70.10
Am Fuels	#1 Nav. C	370-6535		702	.10	70.20
Am Fuels	#1 Nav. C	370-6535		702	.10	70.20
Am Fuels	#1 Nav. B	10-5865		589	.10	58.90
Am Fuels	#1 Nav. B	10-5865		589	.10	58.90
Am Fuels	#1 Nav. A C	530-6160		604	.10	60.40
Am Fuels	#1 Nav. A C	530-6160		604	.10	60.40
						580.40
Freight on above wells to Phoenix & Tucson 24.90						24.90
Total						865.30

RECEIVED
MAR 26 1975
O & G CONS. COMM.

Rocky Mountain Well Log Service Co.

1753 Champa Street

266-0588 Area Code 303

DENVER, COLORADO

80202

BOB ANDREWS, Division Manager



December 19, 1974

CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-6921

Arizona Oil & Gas Conservation Commission
4515 North 7th Ave.
Phoenix, Arizona 85013

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 461-0591

Attention: Mrs. Rhema Brandt
Secretary to W. E. Allen
Director, Enforcement Section

Gentlemen:

Thank you for your courtesy and cooperation in loaning us the enclosed prints.

The logs on the #1 Navajo "E", 31-41N-28E, Permit #613, Gamma Ray-Neutron, Induction Electrol are not enclosed. We will, however, return this one when we are completed with them.

We will appreciate the opportunity to be of service at any time.

Very truly yours,

Char Kluge
Mrs. Char Kluge
Secretary to T. L. Strickland

/cak

Encls.

RECEIVED

DEC 27 1974

O & G CONS. COMM.

WPA

Rocky Mountain Well Log Service Co.

1753 Champa Street

266-0588 Area Code 303

DENVER, COLORADO

80202

BOB ANDREWS, Division Manager



December 10, 1974

CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-6721

Arizona Oil & Gas Conservation Commission
4515 North 7th Ave.
Phoenix, Arizona 85013

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 582-0891

Gentlemen:

At your earliest convenience, would you please send us the following well logs:

American Fuels Corp.	
#1 Navajo 'O'	3-26N-28E #612
#1 Navajo 'M'	16-41N-30E 609
#1 Navajo 'E'	31-41N-28E 413
#1 Navajo 'C'	6-40N-29E 410
#1 Navajo 'B'	9-40N-29E 608
#1 Navajo 'AC'	17-40N-29E 415

Please find self-addressed envelopes enclosed for your convenience.

In advance, thank you.

Sincerely,

Ted Strickland
Ted Strickland

TLS:ck

Encls.

RECEIVED

DEC 12 1974

O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

December 16, 1974

Mr. Ted Strickland
Rocky Mountain Well Log Service Co.
1753 Champa Street
Denver, Colorado 80202

Dear Mr. Strickland:

As per your request of December 10, 1974, we are enclosing the following logs:

- #1 Navajo 'O', 3-26N-28E, Permit #612, Sidewall Neutron Porosity Log, Dual Induction-Laterolog, Compensated Formation Density Log (Gamma-Gamma)
- #1 Navajo 'M', 16-41N-30E, Permit #609, Cement Bond, Compensated Neutron-Formation Density
- #1 Navajo 'E', 31-41N-28E, Permit #613, Gamma Ray-Neutron, Induction Electrolog
- #1 Navajo 'C', 6-40N-29E, Permit #610, Induction Electrolog, Gamma Ray Neutron
- #1 Navajo 'B', 9-40N-29E, Permit #608, Borehole Comp. Sonic Log, Comp. Formation Density Log (Gamma-Gamma), 2 Dual Induction-Laterolog with Linear Correlation, Compensated Formation Density Log (Gamma-Gamma)
- #1 Navajo 'AC', 17-40N-29E, Permit #615, Compensated Density Log, Induction-Electric Log

Please return these logs as soon as possible.

Very truly yours,

Mrs. Rhema Brandt
Secretary to W. E. Allen
Director, Enforcement Section

/rlb

Encs.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

DATE: November 14, 1974

TO: All American Fuels Wells
Apache County

FROM: W. E. Allen, Director
Enforcement Section

Talked with Robert Schreiber, Navajo Tribe, today regarding the above referenced wells. The leases have expired on all but one well, I think it is the Navajo #B-1, SE/SW Section 9-T40N-R29E. *P/N 608*
The Tribe has taken over all wells except the one with the unexpired lease, including the two drilled by Cities Service.

The final disposition of these wells are under consideration by the Tribe. They may try to produce some wells themselves or may offer some or all for sale to the highest bidder. Supposedly they will notify this office of their ultimate decision. In the meantime our hands are tied. We can do nothing except hold unto the cash bond posted by American Fuels.

608



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

DATE: November 14, 1974

TO: All American Fuels Wells
Apache County

FROM: W. E. Allen, Director
Enforcement Section

Talked with Robert Schreiber, Navajo Tribe, today regarding the above referenced wells. The leases have expired on all but one well, I think it is the Navajo #B-1, SE/SW Section 9-T40N-R29E. *P/N 608*
The Tribe has taken over all wells except the one with the unexpired lease, including the two drilled by Cities Service.

The final disposition of these wells are under consideration by the Tribe. They may try to produce some wells themselves or may offer some or all for sale to the highest bidder. Supposedly they will notify this office of their ultimate decision. In the meantime our hands are tied. We can do nothing except hold onto the cash bond posted by American Fuels.

October 24, 1974

Memo from W. E. Allen, Director
Enforcement Section

Memo to the following files:

Cities Service Monsanto 1-A Navajo,
Sec 21-T40N-R29E, Apache Co., #559 ✓

American Fuels Navajo B-1
Sec 9-T40N-R29E, Apache Co., #608 ✓

American Fuels Navajo C-1
Sec 6-T40N-R29E, Apache Co., #610 ✓

American Fuels Navajo E-1
Sec 31-T41N-R28E, Apache Co., #613 ✓

Cities Service Monsanto C-1 Navajo,
Sec 16-T40N-R29E, Apache Co., #581 ✓

American Fuels Navajo M-1
Sec 16-T41N-R30E, Apache Co., #609 ✓

American Fuels Navajo O-1
Sec 3-T36N-R28E, Apache Co., #612 ✓
*Plugged by
Wilson
11-16-64*

American Fuels Navajo AC-1
Sec 17-T40N-R29E, Apache Co., #615 ✓

On this date I contacted Thomas Lynch, Minerals Supervisor, Bureau of Indian Affairs, Window Rock, Arizona, regarding the wells drilled on the Reservation by American Fuels. Mr. Lynch informed me that all the leases on which American Fuels had drilled holes had reverted to the Navajo Tribe. The Tribe is considering leaving the wells in their present shut-in status and offering them for sale to the highest bidder. A final decision has not been made at this time.

Mr. Lynch also said that the Tribe was considering the pros and cons of producing the two Cities Service wells or offering them for sale.

Mr. Lynch requested that this office not bring any action against American Fuels for the time being. He will keep us informed of any decision or action taken by the Tribe.

September 5, 1974

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Re: American Fuels Navajo B-1
Sec 9-T40N-R29E, Apache Co.
Permit No. 608

Dear Mr. Robinson:

This is just a reminder that your July Production Report,
Form 16, was due August 25, 1974.

We would appreciate receiving this report as soon as possible.

Very truly yours,

Mrs. Rhema Brandt
Secretary to W. E. Allen
Director, Enforcement Section

/rlb



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

July 8, 1974

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Re: American Fuels (B), C, AC, E, M & O

Dear Mr. Robinson:

This Commission has never received well samples from the above referenced wells. Please refer to Rule 119, Paragraph C of the Rules and Regulations of the Oil & Gas Conservation Commission, State of Arizona (copy of Rule 119 is attached).

We recently contacted the Four Corners Sample Cut in Farmington, New Mexico to determine the reason that our cut of the well sample had not been received. We were informed that Four Corner Sample Cut did have samples for all the above referenced wells except your Navajo M, however they will not release these samples until your firm has paid for services performed.

This letter is to advise you that one of your requirements to satisfy your bonding obligation is to furnish samples of all wells drilled as specified in the attached rule. Also be advised that this Commission has authority to draw against your cash bond as required in order to secure the desired sample sets.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Enc.

BCC - 4 corners

June 19, 1974

CERTIFIED MAIL

Mr. C. R. Robinson
American Fuels Corporation
2921 Carlisle Blvd., N.E. Suite 200
Albuquerque, New Mexico 87110

Re: American Fuels Navajo B-1
Sec 9-T40N-R29E, Apache Co.
Permit No. 608

Dear Mr. Robinson:

It has been necessary for this Commission to request repeatedly information from American Fuels. Since the completion of the above referenced well, it has been necessary to remind you practically every month to submit your Production Report, Form 16. This report is due by the 25th of the month following the month of production. April's report has not been received and the report for May is almost due.

Unless this report is filed on a timely basis from this date forward, the Commission will exercise its authority under ARS 27-509, Section B and ARS 27-516, Section C to cancel your Operator's Certificate of Compliance and Authorization to Transport Oil or Gas from Lease, Form 8. The cancellation of this Certificate will result in the closing of the subject well. Should this well become non-productive, the Commission has the authority to order the well permanently plugged and abandoned.

Your cooperation is appreciated.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

cc - John McGowan, Attorney General's Office

WPA



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271 5151

April 1, 1974

Mr. C. R. Robinson
American Fuels Corporation
2921 Carlisle Blvd., N.E., Suite 200
Albuquerque, New Mexico 87110

Re: Cities Service Monsanto 1-A Navajo Cities Service Monsanto C-1 Navajo
 Sec 21-T40N-R29E Sec 16-T40N-R29E
 Apache County, Permit #559 Apache County, Permit #581

Dear Mr. Robinson:

The above referenced wells at your request are being placed under your \$25,000 cash blanket bond.

To avoid confusion regarding the wells now covered by your \$25,000 bond, we are listing the following wells that this Commission shows to be under this bond. If the following inventory of wells agrees with your list, please sign and return one copy to this Commission.

- | | |
|--|--|
| Cities Service Monsanto 1-A Navajo
Sec 21-T40N-R29E, Apache Co., #559 | Cities Service Monsanto C-1 Navajo
Sec 16-T40N-R29E, Apache Co., #581 |
| American Fuels Navajo B-1
Sec 9-T40N-R29E, Apache Co., #608 | American Fuels Navajo M-1
Sec 16-T41N-R30E, Apache Co., #609 |
| American Fuels Navajo C-1
Sec 6-T40N-R29E, Apache Co., #610 | American Fuels Navajo O-1
Sec 3-T36N-R28E, Apache Co., #612 |
| American Fuels Navajo E-1
Sec 31-T41N-R28E, Apache Co., #613 | American Fuels Navajo AC-1
Sec 17-T40N-R29E, Apache Co., #615 |
| American Fuels Navajo B-2
Sec 10-T40N-R29E, Apache, #621 | |

Very truly yours,

W. E. Allen
W. E. Allen, Director
Enforcement Section

WEA/rlb

APPROVED

By *W. E. Allen*
Date April 12, 1974

RECEIVED

MAY 10 1974

O & G CONSERV.

WA

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

April 11, 1974

Arizona Oil and Gas Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen, Director
Enforcement Section

Dear Sir:

We wish to report an incident that occurred at the site of AFCO well "Navajo B-#1," SE/4 SW/4, Section 19, T40N, R29E, Apache County, Arizona, on March 19, 1974.

Employees of The Western Company were in the process of moving some of their tanks at the location when one fell from a truck and against the well. The well head penetrated the tank and was broken off just above the slips. Gas and oil flowed in the form of a spray. There was enough gas to keep the oil atomized.

There was no surface damage. The oil from the ruptured tank flowed into the reserve pits and the pits were able to contain it. The well was killed in order to remove the head and bent tubing. The well has subsequently been repaired and a new well head installed.

If you require any further information please do not hesitate to contact us.

Very truly yours,

C. R. Robinson
C. R. Robinson
Vice President

CRR/bac

cc: Mr. Phil McGrath
U. S. G. S. - Farmington, NM

RECEIVED

APR 11 1974

O & G COM. COMM.



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 1, 1974

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Re: Cities Service Monsanto 1-A Navajo Cities Service Monsanto C-1 Navajo
 Sec 21-T40N-R29E Sec 16-T40N-R29E
 Apache County, Permit #559 Apache County, Permit #581

Dear Mr. Robinson:

The above referenced wells at your request are being placed under your \$25,000 cash blanket bond.

To avoid confusion regarding the wells now covered by your \$25,000 bond, we are listing the following wells that this Commission shows to be under this bond. If the following inventory of wells agrees with your list, please sign and return one copy to this Commission.

Cities Service Monsanto 1-A Navajo
Sec 21-T40N-R29E, Apache Co., #559

Cities Service Monsanto C-1 Navajo
Sec 16-T40N-R29E, Apache Co., #581

American Fuels Navajo B-1
Sec 9-T40N-R29E, Apache Co., #603

American Fuels Navajo M-1
Sec 16-T41N-R30E, Apache Co., #609

American Fuels Navajo C-1
Sec 6-T40N-R29E, Apache Co., #610

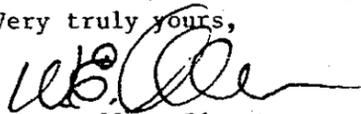
American Fuels Navajo O-1
Sec 3-T36N-R28E, Apache Co., #612

American Fuels Navajo E-1
Sec 31-T41N-R28E, Apache Co., #613

American Fuels Navajo AC-1
Sec 17-T40N-R29E, Apache Co., #615

American Fuels Navajo B-2
Sec 10-T40N-R29E, Apache, #621

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

April 1, 1974

Mrs. Barbara Cunningham
American Fuels Corporation
2921 Carlisle Blvd., N.E.
Suite 200
Albuquerque, New Mexico 87110

Re: American Fuels Navajo (B-1) Monthly Production Report

Dear Mrs. Cunningham:

This is just a reminder that your February Production Report, Form 16, was due March 25, 1974.

We would appreciate receiving this report as soon as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 26, 1974

Ms. Kay Waller
Petro-Well Libraries Inc.
150 Security Life Building
1616 Glenarm Place
Denver, Colorado 80202

Re: March Current File Material

Dear Kay:

Enclosed you will find the following current material for March:

- Data - Completion and miscellaneous reports on Eastern Merde Indian No. 1, Permit #592
Completion and miscellaneous reports on Eastern Beacon Santa Fe 1, Permit #600
Completion and miscellaneous reports on Humble State (32) No. 1, Permit #597
Completion and miscellaneous reports on Kerr-McGee Navajo #17, Permit #618
Drill Stem Test on American Fuels Navajo "M#1", Permit #609
Drill Stem Test on American Fuels Navajo "B#1", Permit #608
- Logs - Compensated Formation Density Log and Induction Electrical Log on Kerr-McGee Navajo #17, Permit #618
Induction-Electrical Log, Borehole Comp. Sonic Log--Gamma Ray (with caliper), Comp. Neutron-Formation Density Log, Dual Induction-Laterolog, Borehole Comp. Sonic Log-Gamma Ray, Comp. Formation Density Log, Comp. Neutron Log, Mud Log and Sample Log on Humble State (32) no. 1, Permit #597

Very truly yours,

Rhema Brandt

rlb

Encs.

WA

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

March 20, 1974

State of Arizona
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona

Attention: Mr. W. E. Allen, Director
Enforcement Section

Dear Sir:

Enclosed please find copies of the Drill Stem Tests
on AFCo Navajo B-1 and Navajo M-1 wells as per your
request.

If we can be of any further assistance, please do
not hesitate to contact us.

Very truly yours,

Barbara Cunningham
Barbara Cunningham
Secretary to C. R. Robinson

BAC/s

RECEIVED

MAR 25 1974

O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 13, 1974

Ms. Barbara Cunningham
American Fuels Corporation
2921 Carlisle Boulevard, N.E.
Suite 200
Albuquerque, New Mexico 87110

Re: American Fuels Navajo AC, E, O, C, & M

Dear Ms. Cunningham:

You are correct, permission has been given to maintain the above referenced wells in a temporarily abandoned status until July 1, 1974. We are sorry for our recent statement that this status would expire March 15, 1974.

Please refer to our letter of December 18, 1973 to Mr. Daroyl Curry. This office still needs the information on the drill stem tests on your Navajo B and Navajo M wells. We would appreciate receiving this information as soon as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

March 12, 1974

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Attention: Mr. W. E. Allen, Director
Enforcement Section

Dear Sir:

Pursuant to our phone conversation of last week we are enclosing a copy of your letter dated December 18, 1973, which grants AFCo permission to maintain its Navajo AC, E, O, C, & M wells in a temporarily abandoned status until July 1, 1974.

It was our understanding last week that the Commission needed, in writing, our plans and proposals for those wells because the permission as stated above expired on March 15, 1974. If the enclosed letter has been pre-empted and the date moved up to March 15 we cannot find a record of it in our files. Also, if the date of July 1 is correct but the letter your requested last week is still necessary please let us know. As of the moment, we are assuming it will not be necessary until July 1.

Please do not hesitate to contact us if we can be of any assistance in expediting this matter.

Very truly yours,



Barbara Cunningham
Secretary to C. R. Robinson

BAC/s

RECEIVED

Mar 13, 1974

O & G CON. COMM.

cc #

American Fuels Corporation

TELEPHONES
(505) 345-3507
(505) 345-5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

February 15, 1974

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Ave
Phoenix, Arizona

Attention: Mr. W. E. Allen, Director
Enforcement Section

Dear Sir:

We are in receipt of your letter of February 13, 1974, regarding our delinquency in the filing of production reports to your office. Mr. Allen, we have had a large turnover in personnel, both here in our office and in our personnel in the field. Although this is no excuse for the reports being delinquent, it has caused a certain amount of confusion and many things have gotten lost in the shuffle.

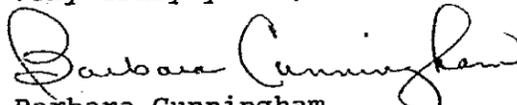
We have just recently become aware that these reports have been late and we have been working quite closely with Mr. John Sicily in the Accounting Department of the U.S.G.S. office in Roswell, N.M. to bring our files and accounts up-to-date. We expect to have them so by the end of next week.

This same problem is what has caused the delay in the December report. This report will also be taken care of by the end of next week, barring any unforeseen complications.

We also intend in the future to have someone designated to oversee and coordinate the contributors to these reports so that they will be submitted on a timely basis.

We thank you for your indulgence. If we can be of any further assistance, please do not hesitate to contact us.

Very truly yours,


Barbara Cunningham
Secretary to C. R. Robinson

RECEIVED

BAC/s

FEB 20 1974

O & G CONS. COMM.

Regarding Navajo B. # 608

February 13, 1974

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Dear Mr. Robinson:

In recent months it has been necessary for this Commission to repeatedly request the submission of routine information from your company. For example, as you well know, production reports are due to reach this office no later than the 25th of the month following the month of production. We have called your office twice recently for December's report and as yet this report has not been received. Nor was anyone available in your office to advise us orally of the amount of production for the month of December.

While this office does not wish to work a hardship on any operators within the State, we must insist that each operator adhere to the rules and regulations of the Oil and Gas Commission.

Furthermore, we refer you to Arizona Revised Statute 27-527 which stipulates penalties on operators who fail to submit the required reports.

We request your cooperation in the timely filing of the required reports.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

January 21, 1974

Ms. Kay Waller
Petro-Well Libraries Inc.
150 Security Life Building
1616 Glenarm Place
Denver, Colorado 80202

Re: November - January Current File Material

Dear Kay:

Enclosed you will find the following current material for November through January:

Completion Report on File #443 - Kerr-McGee Navajo No. 3

Completion Report on File #608 - American Fuels "B"
Logs - Sidewall Neutron Porosity, Compensated Formation Density,
Borehole Compensated Sonic and Dual Induction-Laterolog

Completion Report on File #609 - American Fuels "M"
Logs - Cement Bond and Compensated Neutron-Formation Density

Completion Report on File #610 - American Fuels "C"
Logs - Gamma Ray Neutron and Induction Electrolog

Completion Report on File #612 - American Fuels "O"
Logs - Compensated Formation Density, Dual Induction-Laterolog
and Sidewall Neutron Porosity

Completion Report on File #613 - American Fuel "E"
Logs - Induction Electrolog and Gamma Ray-Neutron

Completion Report on File #615 - American Fuels "AC"
Logs - Induction-Electric and Compensated Density

Kay, arn't you glad you're not in Montana this winter?

Very truly yours,

Rhema Brandt

Rhema Brandt

/rlb

Encs.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

700
June 25-74

December 18, 1973

Mr. D. R. Curry
Curry Engineering
P. O. Box 5596
Midland, Texas 79701

Re: American Fuels Navajo AC, E, O, C, & M

Dear Mr. Curry:

By this letter we are granting American Fuels Corporation permission to maintain the above referenced wells in a temporarily abandoned status until July 1, 1974.

Should the status of these well change at any time during this period, please advise this Commission of the change and outline any work performed.

Please furnish this Commission with the information requested on drill stem testing on the Navajo B and Navajo M wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

cc - C. R. Robinson



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

November 13, 1973

Mr. D. R. Curry
Curry Engineering
P. O. Box 5596
Midland, Texas 79701

Re: American Fuels Navajo AC-1, B-1, E-1, O-1, C-1, M-1

Dear Mr. Curry:

Please refer to our letter of October 25, 1973 requesting various information on the above referenced wells. Unless the requested information can be furnished to this Commission immediately, we will have to formally request that you show cause why certain of these wells should not be plugged and abandoned.

This Commission has no desire to work a hardship on American Fuels, however, we must insist upon complete compliance with our Rules and Regulations. A copy of the October 25 letter is enclosed.

Your cooperation in this matter will be appreciated.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

cc - American Fuels
Albuquerque



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

October 25, 1973

Mr. Darrel Curry
Curry Engineering
P. O. Box 5596
Midland, Texas 79701

Re: Am. Fuels Navajo AC-1 NE/NE Sec 17-T40N-R29E Apache County Permit No. 615	Am. Fuels Navajo E-1 SE/SW Sec 31-T41N-R28E Apache County Permit No. 613	Am. Fuels Navajo C-1 SW/SW Sec 6-T40N-R29E Apache County Permit No. 610
Am. Fuels Navajo B-1 SE/SW Sec 9-T40N-R29E Apache County Permit No. 605	Am. Fuels Navajo O-1 NE/NW Sec 3-T36N-R2SE Apache County Permit No. 612	Am. Fuels Navajo M-1 SE/SW Sec 16-T41N-R30E Apache County Permit No. 609

Dear Mr. Curry:

Thanks for the logs you have recently sent us on three of the above referenced wells. We believe that you have run cased hole or correlation logs on these wells. The only cased hole logs that have been submitted to this Commission has been on the Navajo C-1. We need copies of all logs on all wells including lithologic logs.

Your request to leave the Navajo E, O, M wells in a temporarily abandoned status will be granted, however, this Commission must have a completion report on these three wells and also on your Navajo C & AC wells. The request for these completion reports is made fully understanding that further completion attempts may be made in the future.

Needed also are the complete results of the Drill Stem Test on the Navajo B and the same information on DST No. 1 and No. 3 on your Navajo M.

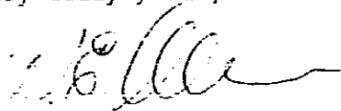
As quickly as the completion reports on the above referenced wells - except the Navajo B - are received, we will authorize these wells to be classified

October 25, 1973
Mr. Darrel Curry
Page 2

temporarily abandoned for a six month period.

The above requested information should be submitted as quickly as possible.

Very truly yours,



W. E. Allen, Director
Enforcement Section

WEA/rlb

cc - Carl Robinson

Encs.

August 6, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Dear Mr. Robinson:

We have received your Monthly Producer's Report for April, May, June and July. The Field in which your Navajo B, C, and AC is the Black Rock Pennsylvanian instead of Wildcat as you have shown on your report.

Very truly yours,

W. E. Allen, Director
Enforcement Section

Mrs. Rhema Brandt
Secretary to W. E. Allen

July 23, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd. N.E.
Albuquerque, New Mexico 87110

Dear Mr. Robinson:

Some time ago we gave Mr. Curry permission to sell oil from your "B" lease to the Permian Corporation. This was a one time or temporary authority to move the oil. It will be necessary for your company to file a Certificate of Compliance (Form 8) with this Commission and also we will require Monthly Producers Reports (Form 16) for the Month of June and each month thereafter so long as this well is being produced.

The Certificate of Compliance and Production Reports will be required for each lease as they are brought into production and the products are disposed of.

Some of the wells you have drilled in Arizona are permitted as an oil location. If any of these wells should prove to be a gas well, that is with GOR higher than 50,000 to one, they will be declared gas wells by this Commission and a possible hearing will be required prior to producing these wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

July 17, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Dear Mr. Robinson:

Our Geological Staff is presently in the process of making various studies of the general area in which you are operating. It would be very helpful to them if the formation tops of the wells you have drilled were made available to them.

If you will furnish this Commission with these tops, be assured that this information will be kept in complete confidence during the confidential period of your wells.

This information will be appreciated.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

July 9, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd. N.E.
Albuquerque, N. Mexico 87110

Dear Mr. Robinson:

Please send this Commission an updated Organization Report.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

American Fuels Corporation

TELEPHONES
(505) 345.3507
(505) 345.5518

SUITE 200
2921 CARLISLE BOULEVARD, N. E.
ALBUQUERQUE, NEW MEXICO 87110

June 3, 1973

Mr. John Bannister
Arizona Oil & Gas Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Bannister:

Our auditors, Hopkins & Hinkle, are making an examination of our financial statements and, in this connection, request you to confirm directly to them deposits held by you.

According to our records at May 31, 1973, you are holding oil and gas lease bond deposits amounting to \$25,000.

Please compare the above information with your records and advise Hopkins & Hinkle, in the space provided below, whether the above is correct noting any differences thereon. We have enclosed a self-addressed envelope for your convenience.

Sincerely,

Jack H. Evans

Jack H. Evans
Secretary-Treasurer

RECEIVED

JUN 06 1973

O & G CONS. COMM.

Hopkins & Hinkle:
223 Citizens Bank Bldg.
2500 Louisiana Blvd., N.E.
Albuquerque, New Mexico 87110

The above information is correct as of May 31, 1973,
~~except as follows:~~ W&C

Date: 6-6-73 Signature *W.E. Allen*
for J.B.

RECEIVED

JUN 06 1973

O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

May 2, 1973

Mr. John Bannister
Arizona Oil & Gas Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Sir:

Siecke, Newman & Co., Inc., 1776 Lincoln, Denver, Colorado, 80203, are making their usual examination of our accounts and we shall be obliged, therefore, if you will kindly confirm to them that you are holding a \$15,000 oil and gas lease bond deposit.

Yours truly,

[Signature]
AMERICAN FUELS CORPORATION

Correct Incorrect
(If incorrect, please explain difference)

Signature *John Bannister, Exec. Sec.*

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
4515 N. 7TH AVE.
PHOENIX, ARIZONA 85013

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507

April 30, 1973

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Capitol Annex, 1688 W. Adams
Phoenix, Arizona 85007

Re: Organization Report
Form No. 1
Performance Bond
Form No. 2
Application For Permit
To Drill or Re-Enter
Form No. 3

*

Gentlemen:

Please send me twenty-five copies each of the above
named forms.

Thank you for your assistance.

Yours very truly,

Nita I. Macaw

Nita I. Macaw
Secretary to C. R. Robinson

bh

*Also Form No. 25, Sundry Notices and Reports on Wells.

Please RUSH!

RECEIVED

MAY 03 1973

O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 24, 1973

Mr. C. R. Robinson
American Fuels Corporation
2917 Carlisle Blvd. N.E.
Albuquerque, New Mexico 87110

Re: American Fuels Wells - Apache County

Dear Mr. Robinson:

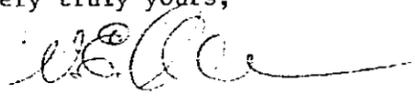
We wish to call your attention to Rule 105 of the Rules and Regulations of the Oil and Gas Conservation Commission. The wells that you have drilled, or are in the process of drilling, for oil have been drilled on an approved oil unit which consists of 80 contiguous acres. Should these wells be successfully completed as gas wells, they would then be on an unorthodox spacing pattern and would require approval of the Commission at a public hearing before you would be allowed to produce them.

It is our opinion that the above hearing would be a formality only and approval of the Commission would be forthcoming, however, we cannot speak for our Commissioners and we have no idea of what objections other operators might voice.

We are calling your attention to this rule, Mr. Robinson, only for the reason that we thought it might have been overlooked by you or your company.

Should you have any questions regarding this, please do not hesitate to call on us.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

wt

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

April 9, 1973

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Capitol Annex, 1688 W. Adams
Phoenix, Arizona 85007

Re: Application to Drill or Re-enter
Form No. 3

Gentlemen:

Please send me one package or one dozen copies of the
Application to Drill or Re-enter, Form No. 3.

Thank you for your assistance.

Yours very truly,

Nita I. Macaw

Nita I. Macaw
Secretary to
C. R. Robinson

nim

RECEIVED

APR 11 1973

O & G CONRS. COMM.

20 A

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

March 14, 1973

Gentlemen:

At this point, we wish to declare the
NAVAJO "B" #1 as a "Tight Hole". Your cooper-
ation will be appreciated in treating any and
all information that you receive as strictly
confidential.

Thank you,

C. R. Robinson / *CR*
C. R. Robinson

CRR/bh

RECEIVED
MAR 15 1973
O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507

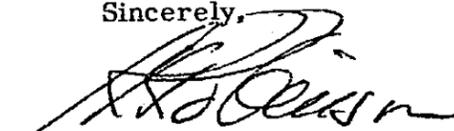
February 26, 1973

Gentlemen:

Attached hereto is the Drilling Prognosis for American Fuels Corporation's Navajo "B", Well #1.

If there are any questions or if clarification is needed, please call me or Max Curry of Curry Engineering at 915 - 682-2031.

Sincerely,


C. R. Robinson

CRR:jb

encl.

February 16, 1973

Mr. Frank Getscher
P. O. Box 98
Scottsdale, Arizona 85252

Dear Mr. Getscher:

The following permit was issued since February 2, 1973.

American Fuels Corporation
Navajo "B" Well #1
SE/SW Sec 9-T40N-R29E
Apache County
File #608

The proposed total depth is 6800' and the elevation is 5895'.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

February 16, 1973

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Re: American Fuels Corporation
Navajo "B" Well #1
SE/SW Sec 9-T40N-R29E
Apache County
File #608

Dear Mrs. Ratcliff:

The above referenced permit was issued February 16, 1973.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rib

February 16, 1973

Mr. C. R. Robinson
Aqua Pura, Inc.
2917 Carlisle Blvd. N.E.
Albuquerque, New Mexico 87110

Re: American Fuels Corporation Navajo "B" Well #1
SE/SW Sec 9-T40N-R29E
Apache County
File No. 608

Dear Mr. Robinson:

Enclosed please find Receipt No. 2946 covering the \$25 filing fee,
a copy of your approved Application for Permit to Drill and Permit
to Drill No. 608.

Also enclosed are miscellaneous instruction sheets concerning
samples and other Commission requirements.

Very truly yours,



W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

Agua Pura, Inc.

2917 Carlisle Blvd., N. E.
Albuquerque, New Mexico 87110

February 15, 1973

Mr. John Bannister
Arizona Oil and Gas Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Re: American Fuels Corporation
Navajo "B" Well #1,
Section 9, T40N, R29E,
Apache County, Arizona

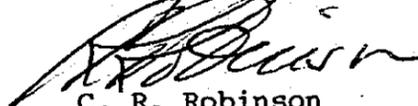
Dear Mr. Bannister:

Enclosed herewith are the following forms relating to the above well:

1. Arizona Oil and Gas Commission Form 1 - "Organization Report" (two copies)
2. Arizona Oil and Gas Commission Form 2 - "Performance Bond" (two copies)
3. Arizona Oil and Gas Commission Form 3 - "Application for Permit to Drill" - with filing fee check #1178, in the amount of \$25. (two copies)

Your consideration in expediting a drilling permit will be greatly appreciated.

Sincerely,


C. R. Robinson
Secretary

enc.

CRR/bh

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual

American Fuels Corporation

Post Office Address (Box or Street Address)

2917 Carlisle Blvd. N. E., Albuquerque, N. M. 87110

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)

Corporation

Purpose of Organization (State type of business in which engaged)

Exploration and operation -- oil and gas

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
New Mexico	C T Corporation Systems 14 North 18 Avenue Phoenix, Arizona	February 13, 1973
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
Harold M. Morgan	President & Treasurer	2917 Carlisle Blvd. N. E. Albuquerque, New Mexico 87110
E. M. Riebold	Vice President	2917 Carlisle Blvd. N. E. Albuquerque, New Mexico 87110
Carl R. Robinson	Secretary	2917 Carlisle Blvd., N. E. Albuquerque, New Mexico 87110

DIRECTORS NAME	POST OFFICE ADDRESS
Same as officers above	

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary of the American Fuels Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

[Signature]
Signature

February 9, 1973
Date

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Organization Report
File One Copy
Form No. 1

608
[Handwritten marks]