

P.W.



CONFIDENTIAL

Release Date 11-2-73

AMERICAN FUELS 1 NAVAJO-E 613
SE/SW Sec 31-T41N-R28E, Apache

sl

COUNTY Apache AREA 16 mi W/Teec Nos Pos LEASE NO. Navano 0-C-14-20-2254

WELL NAME AMERICAN FUELS CORPORATION ¹ NAVAJO E

LOCATION SE/SW SEC 31 TWP 41N RANGE 28E FOOTAGE 1820 FWL 380 FSL
ELEV 6587 GR 6600 KB SPUD DATE 5-21-73 STATUS ml sv TOTAL DEPTH 7635
COMP. DATE 7-28-73 PBTD 6670

CONTRACTOR Mesa Drillers

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
13 3/8"	164 KB	160 SK		<input checked="" type="checkbox"/>
8 5/8"	2184	733 sx + 100 sx Recement	F/top	<input type="checkbox"/>
5 1/2"	7387	385 sk		<input type="checkbox"/>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Hermosa	5730' KB		x	TA July 1, 1974
Upper Ismay	6520' KB			
Lower Ismay	6586' KB			
Desert Creek	6665' KB			
Akah	6833' KB			
Barker Creek	7028' KB			
Lower Hermosa	7216' KB			
Molas	7480' KB			
Mississippian	7584' KB			

checked w/ Steve Mason well still TA as of 1-28-05

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
2-IE; GRN=1; Comp. form-1	*7049-7288, 6980-69 6744-6692, 5746-18		SAMPLE DESCRP. SAMPLE NO. <u>1781</u> CORE ANALYSIS DSTs <u>None Reported</u>

REMARKS (Mississippi Test) Mud logging unit on hole Amerada Farmout
* See drilling reports for exact intervals.
Samples at Four Corners

APP. TO PLUG
PLUGGING REP.
COMP. REPORT

WATER WELL ACCEPTED BY _____

BOND CO. NA - Cash Bond *filed in P/W 60-8* BOND NO. _____
DATE _____ ORGANIZATION REPORT 2-9-73
BOND AMT. \$ 25,000 CANCELLED
FILING RECEIPT 2953 LOC. PLAT WELL BOOK PLAT BOOK
API NO. 02-00 1-20186 DATE ISSUED 5-21-73 DEDICATION E/2 SW/4

PERMIT NUMBER 613

CONFIDENTIAL

(over) Release Date 11-2-73

DRILL STEM TEST

NO.	FROM	TO	RESULTS

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

Lost circ. while cementing 8 5/8" - also had considerable lost cir. while drilling the surface hole.

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 Carlisle, N.E., Albuquerque, N. M.

Federal, State or Indian Lease Number or name of lessor if fee lease: Navaajo "E" Well Number: 1 Field & Reservoir: Black Rock Penn

Location: 1820/WL, 380/5L of sec County: Apache

Sec. TWP-Range or Block & Survey: Sec 31, T41N, R28E

Date spudded: 22 My 73 Date total depth reached: 23 Jun 73 Date completed, ready to produce: 28 Jy 73 Elevation (DF, RKB, RT or Gr.): 6868 KB feet Elevation of casing hd. Range: 6857 feet

Total depth: 7635 P.B.T.D.: 6670 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: 5738-5826 Rotary tools used (interval): Sur - TD Cable tools used (interval): none

Was this well directionally drilled? no Was directional survey made? no Was copy of directional survey filed? no Date filed:

Type of electrical or other logs run (check logs filed with the completion): I-ES, CDL, GR-N, GR-VDL Date filed:

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	Amt. pulled
Conductor	17"	13-3/8"		164 KB	160	none
Surface		8-5/8"		2184	733	none
Production		5-1/2"	14, 15.5, 17	7387	385	none

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8" in.	5642 ft.	none ft.	none in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
10 holes	1/2" jet	5738-5826	Acidized w. 1000 gal	5738-5826
29 holes	1/2" jet	6692-7288	Acidized w. 4000 gal	6692-7288

INITIAL PRODUCTION

Date of first production: Waiting on recompletion - Request permission to temporarily abandon for six months. Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump):

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	OR gravity
			bbls.	MCF	bbls.	* APT (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
			bbls.	MCF	bbls.	

Disposition of gas (state whether vented, used for fuel or sold):

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.

11 Dec 73 Date Signature: D. R. Curry, Engr.

RECEIVED

DEC 14 1973

Permit No. 613 O & G CONS. COMM.

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

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
Hermosa	5730	6520	ls
U. Ismay	6520	6585	ls
L. Ismay	6585	6665	ls
Desert Creek	6665	6833	ls
Akah	6833	7028	ls
Barker Creek	7028	7216	ls
L. Hermosa	7216	7480	ls & dol
Molas	7480	7584	sh
Miss	7584	TD	ls

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

INSTRUCTIONS:

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

Form 9-593b

X			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION
INDIVIDUAL WELL RECORD

P/N 613
all other G-unleased
to be 1910

Sec. 31
 T. 41 N
 R. 28 E
 G.S.R. Mer.

INDIAN LAND:

Date June 10, 1977

Ref. No. _____

Reservation Navajo Tribal State Arizona
N00-C-14-20-2254 County Apache

Lessee _____ Field Wildcat

Operator American Fuels Corp. District Farmington

Well No. 1 Navajo "G" Subdivision SE 1/4 SW 1/4

Location 380 feet from south end 1820 feet from west lines of section

Drilling approved May 11, 1975 Well elevation 6593 gl feet

Drilling commenced May 21, 1975 Total depth 7635 PB 6670 feet

Drilling ceased Jun. 25, 1975 Initial production _____

Completed for production _____, 19____ Gravity A. P. I. _____

Abandonment approved _____, 19____ Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
		<u>Mississippian</u>		

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1973					Drg.							
Well Shut-In for evaluation by American Fuels Corp.												
American Fuels Corp. defunct. Well turned over to Navajo Tribe.												

REMARKS Geo. Tops: Hermosa 5730' E.L. L. Hermosa 7216' E.L.
 U. Ismay 6520' " Molas 7480' "
 Desert Creek 6665' " Mississippian 7584' "
 Barker Creek 7028' "

Form 9-331
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS FORM ON REVERSE SIDE

Form approved, Budget Bureau No. 42-R1424.

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, N.E., 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
Section 31, 380' from South Line and 1820' from the West Line.

14. PERMIT NO. **613**

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6857' GR

6. LEASE DESIGNATION AND SERIAL NO.
N00-C-14-20-2254

8. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Amerada

9. WELL NO.
Navajo "E" #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T41N, R28E, G.S.R.M.

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

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 WELLS <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) <u>Production Casing</u>	

(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 CASING: TD 7635' June 24, 1973

June 25, 1973
Ran 5-1/2" Casing, 194 Joints total 7512'. Set at 12' below rotary drive bushings. Setting Depth 7524'. Cemented with 235 sacks of Class "C" With 6% Jell, 18% Salt, 1% CFRZ followed with 150 sacks, Class "E" with 2% Jell, 18% Salt, 1% CFRZ. Plugged down at 12:00 Midnight, June 25, 1973.

RECEIVED
JUL 5 1973
U.S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

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

SIGNED C. R. Robinson (inc) TITLE Agent DATE 7/2/73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331 C
(May 1963)

FARMINGTON COPY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Nov. 14-20-2254

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

1b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
American Fuels Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
380/S + 1820/20
At proposed prod. zone
loc. 31

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles West of Teec Nos Pos

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
640 ac.

16. NO. OF ACRES IN LEASE
80 ac.

17. NO. OF ACRES ASSIGNED TO THIS WELL
80 ac.

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
NA

19. PROPOSED DEPTH
7200' Miss.

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*
May 21, 1973

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT*
11"	8-5/8"	24#	300'	225 SX
7-7/8"	5-1/2"	15.5#	7200'	350 SX + 100 SX

A 7200' Miss. test is proposed. All zones indicating potential will be tested. Colorado Plateau Well Logging Service will maintain a mud logging unit on well from 2500' to total depth. Gamma Ray, Sidewall Neutron, Caliper, Dual Induction and Acoustic Logs will be run from TD.

- OPERATIONS BY:
- RECORD LESSEE
 - D. OF O. ON FILE
 - D. OF O. ATTACHED
- BOND COVERAGE:
- \$5,000 ATTACHED
 - \$5,000 ON FILE
 - LESSEE'S NATION-WIDE
 - OPERATOR'S NATION-WIDE

RECEIVED
MAY 11 1973

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Agent DATE 5-9-73

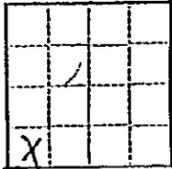
PERMIT NO. _____ APPROVAL DATE _____

APPROVED

MAY 11 1973
E. J. McGRATH
DISTRICT ENGINEER

*See Instructions On Reverse Side

Form 9-598b



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION
INDIVIDUAL WELL RECORD

Sec. 6
 T. 40N
 R. 29E
65E Mer.

610
Platons Not PIA

INDIAN LAND:

Date May 17, 1977

Ref. No. _____

Reservation Navajo Tribal State Arizona
N00-C-14-20-2250 County Apache
 Lessee _____ Field Wildcat
 Operator American Fuels Corp. District Farmington
 Well No. 1 Navajo C Subdivision SW1/4
 Location 760 feet from south and 630 feet from west lines of section

Drilling approved April 20, 19 73 Well elevation 5583 gl feet
 Drilling commenced April 25, 19 73 Total depth 6534 feet
 Drilling ceased _____, 19 _____ Initial production 42 BOFD + 10 MW
 Completed for production _____, 19 _____ Gravity A. P. I. _____
 Abandonment approved _____, 19 _____ Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
	<u>Pre-Cambrian</u>	<u>Information incomplete</u>		

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1973				Drg.						SIOW		
American Fuels defunct and lease given back to Navajo Tribe. Information on producing zones and production potential incomplete.												

REMARKS Geol. tops: Upper Hermosa 3964 E.L. Mississippian 5744' E.L.
Upper Ismay 4654' " Dev. Ouray 6364' "
Desert Creek 4780' " Pre Cambrian 6518' "
Molas 5640' "

U. S. Geological Survey
Conservation Division

Date Apr. 26, 1973

To: District Engineer, Farmington, N. M.

From: Office of the Regional/District
Geologist, Farmington, N. M.

Sec. 6

T. 40 N

R. 29 E

G&SR Mer.

Ariz. State

REPORT ON NOTICE OF INTENTION TO DRILL

Data from
District
Engineer

Lease No. N00-C-14-20-2250 Operator Amer. Fuels Corp.
Well No. 1 Navajo "C" Subdivision SW1/4SW1/4
Location 760/S & 630/W
Elevation 5583 gl Projected depth 5600
Major objective fms Mississippian
Proposed casing 8-5/8"-300'-225 ex. - 5-1/2"-TD-350 ex. +
100 ex.
Remarks _____

Pertinent Fms

Name	Depth	
	Top	Base
Entrada)		
Navajo)	Surf.	783
Wingate)		
De Chelly	1893	2292
Hermosa	3634	4968
Miss.	5035	5328

1. Potential Oil and Gas Horizons
Hermosa Group
Mississippian

2. Fresh Water Sands
Entrada Ss De Chelly Ss
Navajo Ss
Wingate Ss

3. Other Mineral Bearing Formations
(Coal, Oil Shale, Potash, Etc.)

4. Possible Lost Circulation Zones

5. Other Horizons Which May Need Special
Mud, Casing or Cementing Programs

Possible Abnormal Pressure Zones and
Temperature Gradients

Competency of Beds at Proposed Casing

Form 8-331C
(May 1963)

FARMINGTON CITY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
AMERICAN FUELS CORPORATION

3. ADDRESS OF OPERATOR
2917 Carlisle Blvd., NE, Albuquerque, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 760 ft. from the South Line
At proposed prod. zone 630 ft. from the West Line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10 mi. west of Teec Nos Pos

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
760' from So. Line
630' from the W. Line

16. NO. OF ACRES IN LEASE
Approx. 1058

17. NO. OF ACRES ASSIGNED TO THIS WELL
W 1/2 SW 80 ac.

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
NA

19. PROPOSED DEPTH
5600' Miss.

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5583' GR

22. APPROX. DATE WORK WILL START*
4/18/73

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	300'	225 SX
7-7/8"	5-1/2"	15.5#	5600'	350 SX + 100 SX

A 5600' Miss. test is proposed. All zones indicating potential will be tested. Colorado Plateau Well Logging Service will maintain a mud logging unit on well from 2500' to total depth. Gamma Ray, Sidewall Neutron, Caliper, Dual Induction and Acoustic logs will be run from TD to 2500'.

- OPERATED BY:
- RECORD LESSEE
 - D. OF O. ON FILE
 - D. OF O. ATTACHED
- BOND COVERAGE:
- \$5,000 ATTACHED
 - \$5,000 ON FILE
 - LESSEE'S NATION-WIDE
 - OPERATOR'S NATION-WIDE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Secretary DATE 4-18-73

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:
APR 20 1973
R. J. McGRATH
DISTRICT ENGINEER

*See Instructions On Reverse Side

RECEIVED
DATE APR 19 1973
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

MAR 3 1985

Act Area Manager, BLM, Farmington Resource Area, Farmington, New Mexico

Unplugged Well

Bureau of Indian Affairs, Real Property Management, Window Rock, AZ

Our office received a call from Lorraine Thomas (Tribal Compliance Office) regarding a dead cow in a pit. Lorraine informed us that there was no well sign on location and that the well was not plugged. Upon investigation with Herb Tsosie (Petroleum Engineering Technician Supervisor) alleged well was found to be the No. 1 Navajo C, SW/4SW/4 sec. 6, T. 40 N., R. 29 E., on lease H00-C-14-20-2250.

The well status was found to be defunct by American Fuels and lease given back to the Navajo Tribe. Therefore the Bureau of Land Management has no jurisdiction over said well and any attempt to get the pit covered and the well plugged is the responsibility of the Tribe. If we can be of any assistance in this matter please contact AJ Gonzalez, Petroleum Engineering Technician Section at (505) 325-4572.

/s/ J. Stan McKee

cc:

BIA, Lorraine Thomas

NM-016:AGonzales: 5/17/85

Robert Lewis
06-3-85
AG 06/5/85

Lease No: N00-C-14-20-2250

Location: sec 5+6, T40N, R29E, Apache County, Arizona

Lease expired on 2-11-74 because of non production.

Well #1 Navajo C located in SW¹/₄ SW¹/₄ sec 6
T40N, R29E on lease N00-C-14-20-2250 is a
shut in oil well. The operation of #1 Navajo C
has been assumed by the Navajo Tribe.

Richard Bell

12-29-81

DAILY DRILLING REPORT

W
APACHE COUNTY, ARIZONA
July 24, 1973

~~NAVAJO "AC" #1 (23 Days)
Waiting on Rotary Rig to move out.~~

~~NAVAJO "C" #1 (91 Days)
Repairing Stack-pac
Prep to start testing today.~~

~~NAVAJO "G" #1
Location completed, finishing road construction, building cellar~~

NAVAJO "E" #1 (63 Days) July 23, 1973

Acidized Perforations: Lower zone 6736' to 6744' with 500 gals. Injection pressure 1400 psi, breaking to 400 psi at 1-1/2 bbls per minute. Upper zone 6692' to 6707', injection pressure 1000 psi, increasing to 1300 psi, breaking to 100 psi. No evidence of communications. After acid treatment, picked up RBP and strattled perfs; 6736' and 6692'. Found fluid level at 1500' from surface. Swabbed 4 Hours. Lowered fluid to 3500' FS. Shut in overnight.

July 24, 1973 (64 Days)

Opened SITP 40 psi. Blew down immediately. Went in hole with swab. Found fluid level 1500' FS. Pulled swab twice with no show of oil or gas and engine on pulling unit broke down. Well shut down awaiting unit repair.

RECEIVED

JUL 25 1973

O & G CONS. COMM.

(613)

1973
NAVAJO "E" #1

JULY 20: Run Western and attempted to load the hole, pumped 40 bbls. water, did not circulate, pulled 1 stand out and set packer at 6950', dumped 8bbls. before TBG pressured, bullheaded 19 BW into FM ahead of 600 gals., 15% NELSTA acid BD & 3200#, note 3, 4 1/2 BPM, gradual break to 2900#, ISDP 1200#, 15 min. SIP 550#, flowed back LW to tank, rec. 1 1/2 BW, released packer and retrieved RBP, pulled 3 stands, PU on 8' sub and set the RBP at 6767' KB Pulled 1 stand the sub set the packer at 6679' KB, filled thg. & BD fm. with water at 2900#, acidized perfs 6736'-44' & 6692'-6707' (Desert Creek) with 1400 gals. 15% NELST. displaced 27 BLW ahead of acid at 3300-2650# at 4 BPM, dropped 6 ball sealers after first 400 gal. acid & 6 more ball sealers after the second 400 gal. acid, pressure 2500# at 4 BPM after the acid hit the fm. then 1900# at 5 BPM (had trouble picking up water from frac. tank during displacement) no ball action overflushed with FBW, ISDP 700#, 15 min. SIP 500#, TL to rec. 158 bbls. (incl. annular load attempt) Released press and flowed 1 BLW and died, RU swab, initial 500' FS SWb 35, 3500' FS, Swb 20 BF/hr. some acid gas which swb for S.M., swb. 3:30-8:30, NSO or G., SDON.

NAVAJO "E" #1

JULY 22: Pulled out of hole with Baker RBP and Model R packer rigged up Wellex set cast iron Bridge plug 6670' perf on shot at each of following depths: 5746', 44, 42, 40, 38; 5826', 24, 22, 20, 18. Picked up RBP and packer and started in hole with 2 3/8" OD tubing. Shut down overnight.

JULY 23: Going in hole to prepare to acidize above perfs.

Samples from the following wells have been received by the S.C.

American Fuels, #1 Nav E
Sec. 31-41N-28E
Apache Co. Ariz. Permit # 613

RECEIVED

American Fuels, #1 Nav O
Sec. 3-36N-28E
Apache Co. Ariz. Permit # 612

JUL 09 1973

O & G CONS. COMM.

Jo. Ratloff
Four Corners Sample Cut

DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "AC" #1 (17 days)

JULY 18: Tripping for bit#4 at 5968'. Lime, Chert. Bit#3, 7 7/8" Smith, F-4, in 4894' out 5968' made 1074' in 112 3/4 hrs. Vis. 78, MW 9.5 plus, WL 6.4, Ph. 11.0, Salt 200. 22 3/4 hrs. drlg. 1 hr. trip, 1/4 hr. rig service.

NAVAJO "E" (58 days)

JULY 17: 3:30 went in hole with Barker model "P-1" cast iron bridge plug and set at 7030' KB on wire line. Went in hole with casing gun and shot one hyper-jet 0.45 at each of the following depths: AKAH-6980', 79', 77', 76', 72', 69' with 6 shots; DESERT CREEK-6744', 42', 40', 38', 36' with 5 shots; DESERT CREEK-6707', 06', 04', 6698', 6696', 94', 92' with 7 shots. Shut down overnight.

JULY 18: (59 days) Western on location acidizing perfs.

NAVAJO "C" #1 (86 days)

JULY 17: Working on Stack-Pac (Production unit)

613

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JUL 18 1973
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Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR AMERICAN FUELS CORPORATION		N00-C-14-20-2254
3. ADDRESS OF OPERATOR 2921 Carlisle, N.E., Suite 200, Albuquerque, NM 87110		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Section 31, 380' from South Line and 1820' from the West Line.		7. UNIT AGREEMENT NAME NA
14. PERMIT NO. 613	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6857' GR	8. FARM OR LEASE NAME Amerada
		9. WELL NO. Navajo "E" #1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T41N, R28E, G.S.R.M.
		12. COUNTY OR PARISH Apache
		13. STATE Arizona

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) <u>Production Casing</u> <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.)*

PRODUCTION CASING: TD 7635' June 24, 1973

June 25, 1973

Ran 5-1/2" Casing, 194 Joints total 7512'. Set at 12' below rotary drive bushings. Setting Depth ~~7512'~~ Cemented with

~~235~~ sacks of Class "C" With 6% Jell, 18% Salt, 1% CFRZ,

followed with ~~135~~ sacks, Class "C" with 2% Jell, 18% Salt, 1% CFRZ.

Plugged down at 12:00 Midnight, June 25, 1973.

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

SIGNED C. R. Robinson (ms) TITLE Agent DATE 7/2/73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

7635

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

June 28, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1

Awaiting completion

7635' TD

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LOW

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

June 27, 1973

NAVAJO "E" #1
7635' TD

Down and haven't started new
hole.

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(505) 345-3507

June 26, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1

7635' TD

Rigging down rig, moving
out rig.

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

June 25, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1

Mesa Drillers
7200 ' TD

JUNE 23, 1973: Drlg. 7597', Shale,
Run #8 7 7/8 Smith E-896, in 6559'
still drilling at 1038', MV 9.3,
WL 4.4, Ph. 12.0, 24 hrs. drlg.

JUNE 24, 1973: Carrying down loggers
load out same, 7635', L&S, run#8
7 7/8 Smith E-896, in 6559' out 7635',
made 1076' in 161 1/4 hrs., MV.75,
weight 9.4 plus, WL 4.0, Ph. 12.5,
Salt 350, 5 1/2 hr. drlg. 3/4 trip,
10 1/4 logging S-jay, 4 hrs. cir.,
cond. mud and hold for logging
3/4 hr. waiting on loggers, 1/4
hr. tear down, load out loggers
24 hrs.

JUNE 25, 1973: Waiting on cement,
2 1/2 hr. trip, 2 1/2 hrs. circulate,
condition hole to run casing, 4 hrs.
lay down drill pipe, 1 hr. lay down
collars, 1 hr. rig up to run 5 1/2"
casing, 5 hr. run 5 1/2" casing 1 hr.
cir., 5 1/2" casing to cement
1 hr., cement 5 1/2" casing, 6 hrs.
waiting on cement, ran 194 joints of
5 1/2" casing total 7512', set at 12'
below rotary drive bushing, drlg.
7524', cement with 235 sacks of Class
"C" with 6%jell, 18%salt, 1%CFRZ,
followed 150 sacks class "C" 2%jell,
18%salt, 1%CFRZ.

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WR

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

June 22, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 7466', Lime and Chert,
Bit #8, 7-7/8, Smith E896,
In 6559' Drlg. 7466', Made
907' in 131-3/4 Hrs. Vis 80,
MW 9.3, WL 5.0, Ph 12.0, Salt
300. 24 Hrs. Drlg.

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WP

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

June 20, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Present Operation: Wash 30'
back to bottom at 7150'
2 Hrs. trip, 21-1/2 Hrs.
Fishing for log tool.
Completed 3:30 a.m.
1/2 Hr. wash & ream 30'
back to bottom.

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WA

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

June 19, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Lost Logging Tool, 7:00 p.m. 6/18/73
Fishing for Logging tool at 7150'
Lime & Sh. Survey 2-1/2° 7150' Bit#8
7-7/8, Smith E896, In 6559', out 7150'
591' 83 Hrs. Vis 56, MW 9.3, WL 9.2,
Ph 10.5, Salt 250, 1-1/4 Hrs. Drlg.,
6 Hrs. trip, 2-1/2 Hrs. circulate to
log, 1 Hr. rig up to log, 4-1/4 Hrs.
work on bridges and logging, 3 Hrs.
wait on fishing tool, 1/2 Hr. log
tool stuck, left in hole. 5-1/2 Hrs.
chase tool and washing bridges back
to bottom and fishing 24 hrs.

Additional reports per Daroyl Curry - 6/18/73

6/18/73 -
Rig up Dress-Atlas Wireline Unit. Could not get below 3070' with logging tool. Came out of hole with logging tools, went into hole with drill pipe, drill collar and bit. Circulated three stands below tight spot. Came out of hole, net in hole with logging tools. TD 7129'. Ran Induction Electric Logs from TD to 5650' where tool stuck, unable to free, pulled cable head loose, came out of hole - fishing for tools.

6/19/73 -
Circulated and washed down to 7126'. Coming out of hole with drill pipe, drill collars, and overshot.

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JUN 20 1973

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80A

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

June 18, 1973

DAILY DRILLING REPORTS

NAVAJO "E" #1
Mesa Drillers
7200' TD

June 15, 1973: Drlg. 6617',
Lime & Sh. 2 1/4 degrees 6550'
Bit #7 7/8 F-5 6310-6559
249' in 40 1/4 hrs. Bit #8
7/8 Smith E896 in 6559',
Drlg. 58' in 10 hrs., Vis. 45,
MW 9.2 plus, WL 6.0, Ph. 7.6,
Salt 200 13 3/4 hrs. drlg.
10 1/4 trip & survey.

June 16, 1973: 6775', Lime & Sh.
Bit #8, 7/8 Smith E896 in
6559' at 6775' 216' in 33 3/4 hrs
Vis. 43, MW 9.2, WL 5.2, Ph. 9.5,
Salt 250 23 3/4 hrs., 1/4 hrs.
rig service.

June 17, 1973: Drlg. 6959', Lime
& Sh. Bit #8, 7/8 Smith E896,
in 6559', Drlg. 400' in 57 3/4
hrs., Vis. 45, MW 9.2, WL 4.2,
Ph. 8.0, Salt 250 24 hrs. Drlg.

June 18, 1973: Drlg. 7144', Lime
& Sh. Bit #8, 7/8" Smith E896,
in 6559' Drlg. 585' 81 3/4 hrs.,
Vis. 41, MW 9.2 plus, WL 4.8,
Salt 250, Ph. 8.0, 24 hrs. drlg.

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JUN 19 1973

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June 15, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 6617', Lime & SH 2 1/4 deg.
6550' Bit #7, 7 7/8 F-5 6310-
6559 249 in 40 1/4 hrs. Bit #8
7 7/8 Smith E 896 in 6559'
Drlg. 58' in 10 hrs., Vis. 45
MW 9.2 plus, WL 6.0, Ph. 7.6,
Salt 200 13 3/4 hrs. Drlg. 10 1/4
trip and survey.

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2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
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June 13, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 6388', Line & SH
Dev. 2 1/2 degrees Bit #16,
7 7/8 Smith F-4 in 5099'
out 6310', 1211' in 162 3/4 hr.
Bit #7, 7 7/8 Smith F-S in
6310' Drlg. 78' in 12 1/2 hrs.,
Vis. 42, MW 9.2 hrs. plus water
loss, Ph. 9.0, Salt 350, 18 1/4
hrs. Drlg., 4 3/4 hr. trip,
Survey 1/4 hrs., 1/4 hrs. rig
service. 1/2 hr. wash and ream
20' back to bottom.

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JUN 14 1973

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W. R.

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507
June 12, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 6271', Line & Sh Bit
#6, 7 7/8" Smith F-4 in 5099',
1172' in 157 hrs., Vis 38, MW9.2,
WL 6.0, Ph. 9.0, Salt 350, 23 3/4
hrs. drlg., 1/4 rig service.

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JUN 13 1973

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

June 9, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 5617', Line & SH. Bit #6,
7 7/8 F-4, In 5099' 518' in 63
hrs. Vis. 36, MW 9.3 plus WL
13.2, Ph 8.5, Salt 200 17 1/4 hrs
Drlg., 6 3/4 trips looking for
holes in pipes and laid down 1
drill collar.

June 10, 1973

Drlg. 5789', Line SH Bit#6,
7 7/8 F-4 in 5099 made 690'
86 3/4 hrs. Vis 35, MW 9.4,
WL 7.2, Ph. 12, Salt 250, 23 3/4
hrs. Drlg. 1/4 hrs. rig service.

June 11, 1973

Drlg. 6110', L. & SH. Bit#6,
F-4 in 5099', 1011' in 133 1/4 hr
Vis. 41, MW 9.1 plus WL 7.6, Ph.
11.5, Salt 400, 23 3/4 hrs. drlg.
1/4 hr. rig service.

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

June 8, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 5617', L. & SH.
Bit #6, 7 7/8 Smith F-4,
In 5099', Out 5617' 518'
63 Hrs. Vis 36, MW 9.3 plus
WL 13.2, Salt 200, Ph 8.5,
17-1/4 Hrs. Drlg. 6-3/4
Hrs. Trip to look for hole
in pipe and lay one drill
collar.

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

June 7, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 5479', L & Sh
Bit #6, 7-7/8, F-4
5099' 380' in 45-3/4
Hrs. Vis 36, MW 9.3
WL 13.2, Ph 8.5, Salt 200
21-1/4 Hrs. Drlg., 2-1/4
Hrs. trip. (Looking for
hole in Drilling pipe.
Laid down two Joints of
Drilling Pipe with holes
in them. 1/4 Hr. rig
service, 1/4 Hr. checked
for hole in pipe and
checked pipe rams.

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

June 6, 1973

DAILY DRILLING REPORTS

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 5308', S & Sh
Bit #6, 7-7/8, Smith F-4
in 5099', 209' in 24-1/2
Hrs. Vis 36, MW 9.3, Salt
250, WL 10.8, Ph 10.5.
24 Hrs. Drlg.

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JUN 6 1973

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

June 5, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 5107', S & Sh
Dev. 3/4 Degree at 5099'
Bit #5, 7-7/8, J-33 in
4769', out 5099'. 330'
in 30-3/4 Hrs. Bit #6,
7-7/8, F-4 in 5099', 6'
in 1/2 Hr. Vis 36, MW
9.3 plus, WL 10.8, Ph 10.5,
Salt 250. 19-1/2 HRS. Drlg.
3-3/4 Hrs. Trip, 1/4 Hr.
Survey, 1/2 Hr. ream and
wash to bottom.

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

DAILY DRILLING REPORTS

June 2, 1973

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 4494', Lime, Sh, Anahydrite
Bit #4, 7-7/8, F-3. In 3746'
Made 784' in 57-1/4 Hrs. Vis 38
MW 9.3 plus, WL.7.6, Ph 8.0, Salt
150, 24 Hrs. Drlg.

June 3, 1973

Drlg. 4733', Sand, Sh, Anahydrite
Bit #4, In 3746' made 987' in 80-
1/4 Hrs. Vis 33, MW 9.2, WL 13.2,
Ph 11.5, Salt 250. 24 Hrs. Drlg.

June 4, 1973

Drlg. 4924', Dev. 1 Degree at 4769'
Bit #4, 7-7/8, F-3. In 3746' out
4769'. 1024' in 84-3/4 Hrs. Bit #5
7-7/8, J-33, in 4769' Made 155'
15-3/4 Hrs. Vis 34, MW 9.1 plus,
WL 13.2, Ph 10.0, Salt 250. 20-1/4
Hrs. Drlg. 3-1/2 Hrs. trips and
survey, 1/4 Hr. rig service.

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

June 1, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 4227', S & Sh
Bit #4, 7-7/8, F-3
In 3746' Made 481' in
32-1/2 Hrs. Vix 33,
MW 9.3, WL 7.6, Ph 8.0
Salt 150.23-1/4 Hrs.
Drlg. 1/2 Hr. rig sv.
1/4 Hr. lay down 1 jt.
of drill pipe because
it had a hole in it.

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JUN 04 1973

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AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. ♦ Albuquerque, New Mexico 87110
(505) 345-3507
May 31, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 3894', S & Sh
Dev. 3/4 Degree at 3746'
Bit #3, 7-7/8, OSC1G
In 3149', out 3746'
597' in 16-3/4 Hrs.
Bit #4, 7-7/8, F-3
in 3746' Made 148' in
9 Hrs. Vis 33, MW 9.1
plus, WL 5.6, Ph 9.0
Salt 150. 20 Hrs. Drlg.
3-3/4 Trips and Survey,
1/4 Hr. rig Service.

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W H

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

May 30, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. 3327', S & Sh
Bit #2, 7-7/8 X1G
in 2839' out 3149'
310' in 15-3/4 Hrs.
Bit #3 7-7/8 OSC1G
in 3149' Made 178' in
5-1/4 Hrs.
Vis 34, MW 9.3 plus
WL 6.8, Ph 9.5 Salt 200
19 Hrs. Drlg., 4-1/4 Hrs.
trip, 1/4 Hr. rig Sv.
1/4 Hr. repair pump
1/4 Hr. ream and wash
5' to bottom.

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-14-20-2254

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Amerada

9. WELL NO.
87110 Navajo "E" No. 1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
T-41-N, R-28-E, GSRM

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, N. E., Suite 200, Albuquerque, N. M. 87110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
380'/SL & 1820'/WL of Sec 31

13. PERMIT NO.
613

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6857' GR

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

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)*

PULL 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.)*

* Surface Casing - Corrected Report 23 May 73

Reamed 17 1/2" hole to 20" to a depth of 164' and ran 3 joints of 61 #/ft and 1 joint of 48#/ft 13-3/8" O.D. casing and set at 164'. Cemented this conductor string with 160 sacks of Class "A" cement plus 2% gel & 3% CaCl₂ plus 1#/sk Flocele plus 10% Calseal, Cement circulated.

* Surface Casing - 27 May 73

Drilled an 11" hole to 2225' and ran 60 joints of 24#/ft 8-5/8" casing and set at 2184'. Cemented with 683 sacks of Class "C" cement plus 8% gel plus 1#/sk Flocele plus 50 sacks of Class "C" cement plus 2% gel plus 1#/sk Flocele, lost circulation while cementing. Recemented from top using 100 sacks of Class "C" cement plus 8% gel plus 1#/sk Flocele, ran cement back to the surface. Tested surface casing to 500# for 30 min., held OK.

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

SIGNED D. R. Curry D. R. Curry TITLE Agent

DATE 5 Jun 73

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

RECEIVED

JUN 10 1973

O & G CONS. COMM.

*See Instructions on Reverse Side

WOC

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

DAILY DRILLING REPORTS

May 26, 1973

NAVAJO "E" #1
Mesa Drillers
7200' TD

Present Operation; Circulate and wait on casing. Depth 2225' S & Sh. Survey 1/2 Degree, at 1662'. Bit #6, 11" DGJ, In 1662' Drlg. 563' in 10-3/4 Hrs. 10-3/4 Drlg. 1/2 Hr. trip. 1/2 Hr. rig Sv., 1/4 Hr. repair pump, 12-1/2 Hrs. circulate and wait on casing.

May 27, 1973

CASING REPORT

Ran 60 Jts. 8-5/8" 24# Casing Total 2171'. Set at 13' below RSB for setting depth of 2184'. Cemented with 683 Sxs. Class "C" with 8% gel, 1/4# flow seal and 50 Sxs. Class "C" w/2% Gel, 2% cc, 1/4# Flow seal. Plugged down at 2:30 a.m. 5/27/73.

WOC, Depth 2225', 2-1/2 Hrs. trip, 7 Hrs. circulate and wait on casing. 3 Hrs. work pipe thru tight hole. 1 Hr. work trip. 1 Hr. lay down Kelly. 1 Hr. rig up to run casing, 2-1/2 Hrs. run casing, 3 Hrs. rig down casing crew, rig up to cement and cement 3 Hrs. WOC.

Lost circulation while displacing cement w/100 Sxs. of Class "C", 8% Gel, 1/4# flow seal from top.

May 28, 1973

Drlg. 2427', S & Sh.
Bit #7, 7-7/8 XIG in 2225'
Made 202' in 6-1/2 Hrs.
Vis 38, MW 8.7. 6-1/2 Hrs.
Drlg. 15 Hrs. WOC and nipple up on 8-5/8" Casing. Pressured up to 500 # for 30 Minutes Held O.K.

May 29, 1973

Drlg. 2882', S & Sh.
1/4 Degree ato 2839' Bit #1
7-7/8" Hughs XIG in 2225' out
2839'. 614' in 25-1/4 Hrs.
Bit #2, 7-7/8 Hughs XIG
in 2839' Still Drlg. 43' in
2 Hrs., Vis 35, MW 9.2, Salt
200, WL 8.4 Ph 11.5, 21 Hrs.
Drlg., 2 Hrs. trip, 1/4 Hr.
survey, 1/4 Hr. rig service.
Cleaned 1 Shale pit 1/4 Hr.
1/2 Hr. ream and wash 8' back
to bottom.

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JUN 01 1973

O & G CONS. COMM.

4/12
AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507
May 25, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Making trip for Bit #6, in Sand and Shale. Survey 1/4°, at 1000', 1/2° at 1662'. Bit #4, DGJ in 309' out 1009'. Made 700' in 12-1/4 Hrs. Bit #5 re-tip in at 1009', pulled at 1662'. Made 652' in 13-3/4 Hrs. Vis 35, MW 9.0, LCM 6%, 16-3/4 Hrs. Drlg., 4-1/4 Hrs. trip, 1/4 Hr. rig service, 2-3/4 Hrs. lost circulation at 1555'. Sent 3 stems of pipe back.

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MAY 29 1973
O & G CONS. COMM.

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

May 24, 1973
7:00 a.m.

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Drlg. at 780' Sand & Shale
Survey 1/4° at 309' Bit #2
12-1/4 HU re-tip. In at 99'
out at 309'. 210' in 5-1/4
hours. Bit #3, 17-1/2 hole
opener in at 0' out 309', 9
hours. Bit #4, 11" DGJ in
309' in 8-1/4 hrs. Drlg.
w/water. 8-1/4 hrs. Drlg.
1/4 hr. tip, 3 hrs. rig up
to run 13-3/8" Casing. Casing
stopped at 30' 2-1/2 hrs. set
sent back 2 Jts. of casing and
pick up 20" hole opener and
reamed 42'. 2-1/2 hrs. open
hole to 17-1/2", 1-1/4 Hrs.
laid down 20" hole open and
ran 13-3/8" casing. 1/2 Hr.
cement casing. 4 Hrs. wait
on cement and nipple up. 1-3/4
Drill 3' of had sand, pick up
collar and wash out bridge.
Ran 3 Joints 13-3/8" Casing
at 61', 1 Joint 48' Casing.
Total of 164'. Set at 164' KB.
Cement 160 Sxs., Class "A"
2% gel, 3% cc, 1/4° flow seal
10% cal seal. Plugged at 4 p.m.
Cement circulated.

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MAY 29 1973

O & G COOKS. COMM.

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

May 23, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Opening hole from 12-1/4" to 17-1/2". Depth 309'.
Opening hole to 17-1/2" at 130'. Lime, Sand & Sand stone. Bit #1, 12-1/4, Hughs re-tip. Went in 0' out at 99'. Made 99' in 7 Hrs. Bit #2, 12-1/4, Hughs re-tip. In 99' out 309'. Made 210' in 5-1/4 Hrs. Vis 60, MW 9.0 35 to 40% LCM. Got return between 80 and 90. 11 Hrs. Drlg. with no returns. Afterwards got circulation back. 3/4 Hr. trip, 6-3/4 Hrs. mix gel and LCM. 5-1/2 Hrs. open 12-1/4" to 17-1/2" Hole.

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MAY 29 1973

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

May 19 & 20 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
Mesa Drillers
7200' TD

Moving in and Rigging up.

May 21, 1973

NAVAJO "E" #1
Mesa Drillers
7200' TD

Rigged up and Spudded at
12:00 midnight

May 22, 1973

NAVAJO "E" #1
Mesa Drillers
7200' TD

Depth 44', Hard rock and sand
Bit is re-tip, 44 ft. in 2 hrs.
2 Hrs. Drlg., 12 Hrs. rig up,
5 Hrs. drill rat in mouse hole
4 Hrs. mix LCM and Gel.

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MAY 29 1973

O & G CONS. COMM.

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

May 18, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1

7200' TD

95% finished on road construction. Location complete. Preparing to build cellar. Start construction of reserve pit. Ready for Rig.

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MAY 21 1973

O & G CONS. COMM.

W H

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

May 17, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
7200' TD

Finished Location. Road
improvement will be complete
by noon today.

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MAY 21 1973
O & G CONS. COMM.

WA

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

May 16, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1
7200' TD

MacDonald making location.

RECEIVED
MAY 21 1973
O & G CONS. COMM.

W R

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

May 16, 1973

DAILY DRILLING REPORT

NAVAJO "E" #1

MacDonald making location.

7200' TD

RECEIVED
MAY 21 1973
O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. ♦ Albuquerque, New Mexico 87110
(505) 345-3507
May 9, 1973

NAVAJO "E" WELL NO. 1

INFORMATION DATA SHEET

Operator: American Fuels Corporation
2921 Carlisle Blvd., NE Suite 200
Albuquerque, NM 87110
Telephone: (505) 345-3507; 345-3508

Well Name: Navajo "E" Well No. 1

Location: 380' from the South line and 1820'
from the West Line. Sec. 31, T41N,
R28E, Apache County, Arizona

Lease Description: Section 31, T41N, R28E, Containing
640 acres Apache County, Arizona

Elevations: Ground Level 6587'

Drilling Contractor: Mesa Drillers
1617 Camino Place
Farmington, NM 87401
Tool Pusher: Max Bailey

Cementing Services: Halliburton
406 Petroleum Plaza Bldg. Farmington, NM

Mud Supplier: Baroid, Farmington, NM

Logging Services: Dresser-Atlas (Bud Dickerson), Farmington, NM

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

Geologist: Harold Brown
Petroleum Plaza Bldg., Farmington, NM 87401
Phone: (505) 325-4900 (office)
324-2188 (Home)

Engineering Services: Curry Engineering Company
P.O. Box 5596, Midland, TX 79701
Phone: (915) 682-4096 or 2031

Company Personnel: C. R. Robinson, Albuquerque, NM (505) 345-3507
E. M. Riebold, Albuquerque, NM (505) 345-3507
867-5317
Daroyl Curry, Midland, TX (915) 682-2031/694-7849
Max E. Curry, Midland, TX (915) 682-2031/694-3625

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O & G CONS. COMM.

NAVAJO "E" #1 (56 days)

JULY 13: Logged. Unable to log gamma ray neutron. Ran gamma ray CBL.

JULY 14: Ran gamma ray/collar log 7338' to 2500'. Nippled up BOP and ran a Hughes 4 3/4" WO tricone rock bit and a Baker Roto-Vert casing scraper on 2 3/8" production tubing went to TD; did not feel tight spot. Shut in overnight.

JULY 15: Finished out of hole. Rigged up Schlumberger wire line unit. Perf. "one 0.45" hyper-jet shot at each of the following depths:

7049'
7050'
7051'
7052'
7060'
7061'
7062'
7063'
7284'
7286'
7288'

Picked up Baker RBP and model "R" packer on 2 3/8" production tubing and ran 7311' and set RBP. Spotted 2 bbls. of acid pulled 2 jts. of tubing, set packer at 7249' KB and broke down formation 2600#. Acidized perfs. 7284' to 7286' with 760 gals. 15% NELSTA rate 4.3 bbls. per min. at 3300 to 3200# ISDP 1000#. 1 min. SIP, Vacuum picked up RBP, pulled 8 jts. and set RBP at 7079' KB. Spotted 2 bbls. of acid pulled 2 jts. set packer at 7012 KB, acidized perfs 7049' to 63' with 1250 gals. 15% NELSTA Broke down 2900' treated at 3250 to 3000 PSI, rate 4.5, BPM throughout ISDP 1000, 15 min. SIP 400#. Flowed down to pit 5 min. Released packer and reset RBP below bottom perfs. Reset packer at 7012 (Straddling all perfs). Initial fluid level 1500'

from surface. Swabbed down to 5000' from surface in 2 hrs. no show oil or gas. Very small show of acid gas. Shut down overnight.

JULY 16: 9:30 am initial fluid level 3500' from surface. Swabbing spend acid water, Fluid level 2500' from surface.

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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JUL 16 1973

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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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O & G CONS. COMM.

WPA
File
NAVAJO "C" #1
Aztec Well Servicing Co.
3950' TD

July 6th 1973 (25 Days)

Rigged up Welex wire line unit. Ran Gamma-collar log in 5-1/2" casing from PBD, 3893' to 2900'. Perf. one shot at each of the following depths: (Barker Creek Zone): 3600', 3601', 3602', 3630', 3631', 3632', 3639', 3640'. Went in hole with 3 jts. of tail pipe a Baker Model "R" 107 jts. 2-3/8" tubing. Set Packer at 3547'. Spotted acid, broke down perfs at 3000#. Acidized with 500 gals 15% NEA. Treating pressure 2600# to 2200# at 2-1/2 bbls. per min. ISDP 900#. 10 min. SIP. Slight vacuum. Rigged up swab and made 6 runs. Last run pulled 3500'. Swabbed down. Recovered well spent acid water. Shut down overnight.

July 7th 1973 (26 Days)

Shut ITP "O". First swab run, recovered 600' spent acid. No show, oil or gas. Swabbed tubing dry on second run. Pulled swab at intervals of 30 min. no fluid coming into hole. Tested for a total of 5 hrs. came out of hole with tubing. Set cast iron drill plug at 3560' KB. Perf. 2 shots per ft. interval 0502' to 06. Perf. one shot at each of following depths: 3353', 3351', 3350', 3344', 3343', 3342', 3308', 3307', 3306', total 17 holes. Shut down overnight.

July 8th 1973 (27 Days)

Went in hole with model R Packer on 2-3/8" tubing. Landed at bottom of tubing at 3510' and Packer at 3450'. Spotted 6 bbls. 15% acid. Perfs 3502' to 06'. Broke down while circulating to spot tubing on vacuum when pump shut down. Set packet at 3450', pressured casing annulus to 1200#. Held O.K. Swabbed perf 3502' to 06'. Recovered spent acid water. tubing swabbed down with 4 swab runs. No shows, oil or gas. Released packer and pulled 8 jts. of tubing. Set packer at 3200#. Pressured annulus but could not load. Packer leaking, came out of hole to dress packer. Power tongs broke down. Waiting on rig repair.

Navajo "O" #1
TD 3950'

July 9th 1973 (28 Days)

Finished out hole w/tubing and packer. Repaired Power Tubing Tongs. Went in hole with Model "R" Packer and 2-3/8" tubing. Set packer at 3250'. Acidized with 1750 gals 15% NEA Average injection rate 2-1/2 BPM 800 psi. Used 18 ball sealers and got good ball action. Commence swabbing 3:00 a.m. Swabbed estimated 30 bbls. of fluid per hr. 100% load water. No shows, gas or oil. Swabbed 4 hrs. Fluid level at 1500' from surface during last 3hrs. swabbing. Shut down overnight.

Navajo "O" #1
TD 3950'

July 10th 1973 (29 Days)

Swabbed 10 Hrs., est. 70 bbls. load and acid water. Tubing swabbed completely dry last 2 Hrs. Recovered no shows, gas or oil. Prep to rig down unit and temporarily abandon.

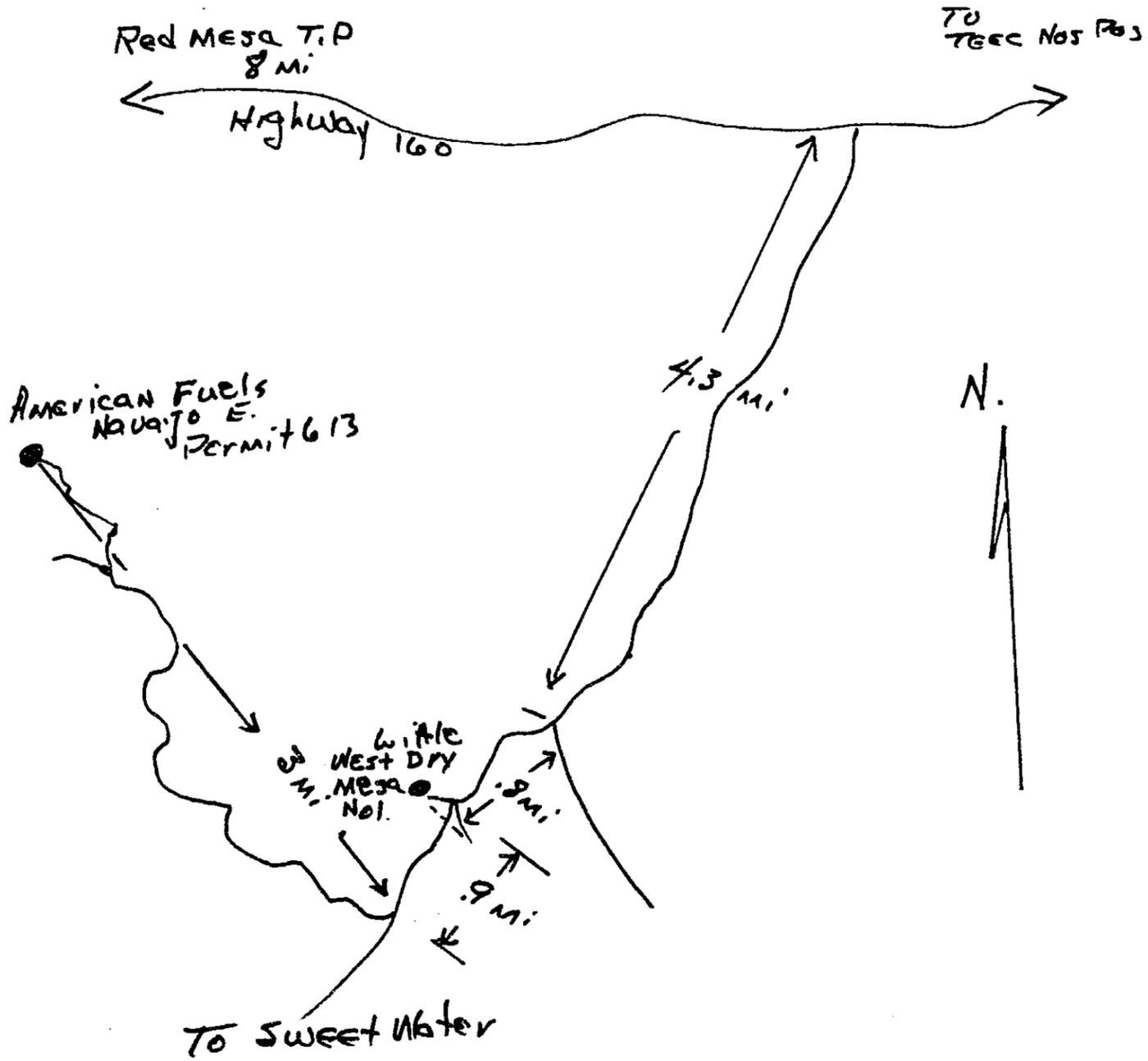
NAVAJO "O"

July 11: Came out of hole laying down tubing. Rigged down and moved out pulling unit. Well will be temporarily abandoned with 5 1/2 X 2" & wedge COMM. and 2" ball valve on top. Last report.

NAVAJO "E" #1

July 12: Moving in and rigging up Aztec Well Service pulling unit #65. Perfs to log and perforate.

JUL 15 1973



Permit No 613

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

AMERICAN FUELS CORPORATION
2921 Carlisle, NE, Suite 200 Albuquerque, New Mexico 87110

Address

City

State

Mesa Drillers

Drilling Contractor

1617 Camino Place Farmington, NM 87401

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

Navajo 0-C-14-20-2254

Well number

Navajo "E" #1

Elevation (ground)

6857.6587

Nearest distance from proposed location to property or lease line:

feet

NA

feet

Number of acres in lease:

640 ac.

Number of wells on lease, including this well, completed in or drilling to this reservoir:

NA

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

NA

Well location (give footage from section lines)

380' FSL - 1820' FWL

Section--township--range or block and survey

Sec. 31, T41N, R28E

Dedication (Comply with Rule 105)

SW 80 ac.

Field and reservoir (if wildcat, so state)

Wildcat

County

Apache

E/2

Distance, in miles, and direction from nearest town or post office

16 miles West of Teec Nos Pos

Proposed depth:

7200' Miss.

Rotary or cable tools

Rotary

Approx. date work will start

May 21, 1973

Bond Status

Amount

Organization Report

On file Or attached

Filing Fee of \$25.00

Attached

Remarks:

A 7200' Miss. test is proposed. All zones indicating potential will be tested. Colorado Plateau Well Logging Service will maintain a mud logging unit on well from 2500' to total depth. Gamma Ray, Sidewall Neutron, Caliper, Dual Induction and Acoustic logs will be run from TD to 2500'

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.

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MAY 11 1973

O & G CONS. COMM.

Signature

Date

5-7-73

Permit Number:

Approval Date:

Approved By:

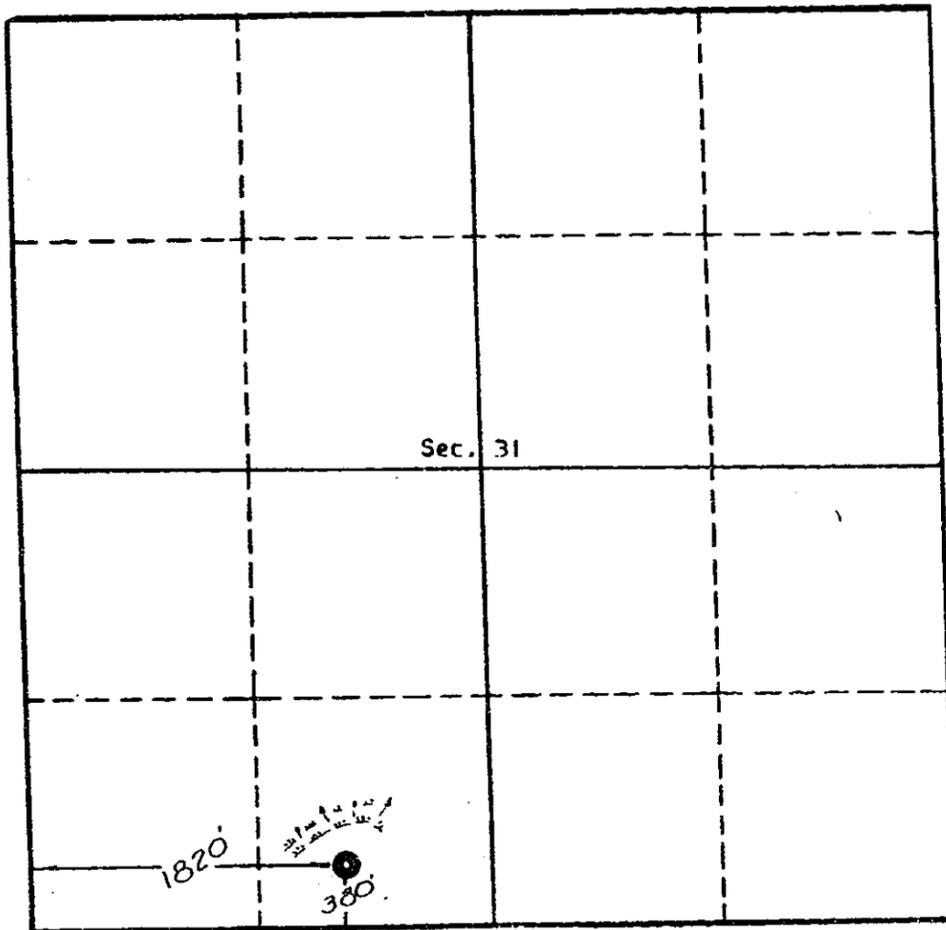
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

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

Form No. 3

(Complete Reverse Side)

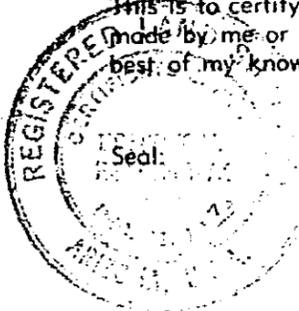
Company American Fuels Corporation
Well Name & No. Navajo "E" - 1
Location 380 feet from the South line and 1820 feet from the West line.
Sec. 31, T. 41 N., R. 28 E., G. & S. R. M., County Apache, Arizona
Ground Elevation 6587



Scale, 1 inch = 1,000 feet

Surveyed May 9, 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.



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MAY 15 1973
O & G CONS. COMM.

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



PERMIT TO DRILL

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

AMERICAN FUELS CORPORATION

To: _____
(OPERATOR)

to drill a well to be known as
AMERICAN FUELS CORPORATION NAVAJO "E" #1

_____ (WELL NAME)

located **380' FSL - 1820' FWL**

Section **31** Township **41N** Range **28E**, **Apache** County, Arizona.

The **1/2 of SW/4 80 acres** 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 **21st** day of **May**, 19 **73**.

OIL AND GAS CONSERVATION COMMISSION
By W.B. [Signature]
EXECUTIVE SECRETARY

PERMIT **Nº 613**
RECEIPT NO. **2953**

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27

API NO. 02-001-20186
SAMPLES ARE REQUIRED



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. 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
Lincoln Bell
11-16-74*

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.

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

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D & G CONS. COMM.

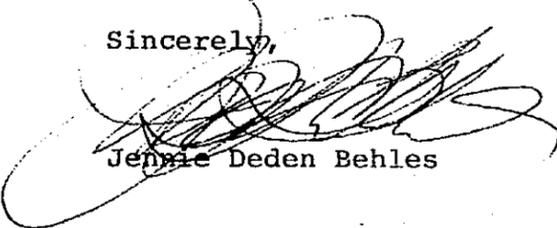
Oil and Gas Conservation Commission
State of Arizona
Attn: W. E. Allen
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

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

613



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

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

613

1781



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 O #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

613

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 of 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 22 1975

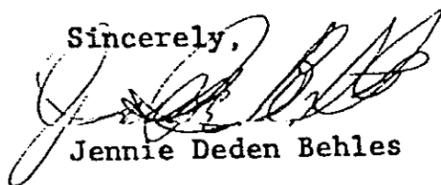
O & G CONS. COMM.

613

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:

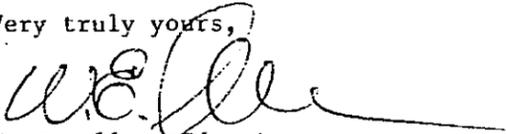
Thanks for sending us a copy of your invoice billing American Fuels for cutting the samples from five of their six wells drilled in Arizona.

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/r1b

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						8605.30

RECEIVED
MAR 26 1975
O & G CONS. COMM.

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

80202

BOB ANDREWS, Division Manager



January 10, 1975

CASPER, WYOMING

BOB FITZGERALD
PETR. BLDG. ARCADE
PHONE 234-6921

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 682-0531

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

Attn: Mr. Rhema Brandt

Gentlemen:

Please find enclosed logs from your letter of December 16, 1974, lending to us prints.

We hope under separate cover of an earlier package that you did receive all other logs from that letter except set enclosed. If they have not been received, please contact us at once.

Once again, thank you.

Sincerely,

Char Kluge

Mrs. Char Kluge
Secretary to Ted Strickland

/ck

encs.

Rocky Mountain Well Log Service Co.

1753 Champa Street

DENVER, COLORADO

266-0588 Area Code 303

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
123 WEST WALL
PHONE 682-0591

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.

613

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. Rhena Brandt
Secretary to W. E. Aller
Director, Enforcement Section

/r1b

Encs.

Logs returned Jan 75

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 234-4928

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

MIDLAND, TEXAS

DAVID CLARK
101 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 613
#1 Navajo 'C'	6-40N-29E 610
#1 Navajo 'B'	9-40N-29E 608
#1 Navajo 'AC'	17-40N-29E 615

Please find self-addressed envelopes enclosed for your convenience.

In advance, thank you.

Sincerely,

Ted Strickland
Ted Strickland

TLS:ck

Encls.

RECEIVED

DEC 10 1974

O & G CON. COMM.



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/rlb

Enc.

BCC-4 Corners

WAF



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
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 COMM. SEER.



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

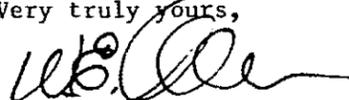
Dear Mr. Robinson:

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., #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, 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 13, 1974

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

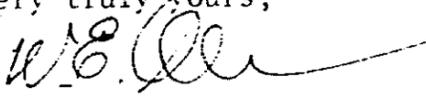
Re: American Fuels Navajo AC, E, O, C, & M

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/r1b

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 COMM. DIV.

W.A.

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
Barbara Cunningham
Secretary to C. R. Robinson

RECEIVED

BAC/s

O & G CON. COMM.

Reg. Line 10000 R = 607

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

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/r1b

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-R2SE 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.

CURRY ENGINEERING

MIDLAND, TEXAS 79701
323 MID-AMERICA BUILDING
P. O. BOX 5596 AC 915 682-2031

MAX E. CURRY
DAROYL R. CURRY

23 Oct 73

Re: Your letter of 12 Oct 73

Mr. W. E. Allen, Director
Enforcement Section
ARIZONA OIL & GAS CONSERVATION COMM.
4515 North 7th Avenue
Phoenix, Arizona

Dear Sir:

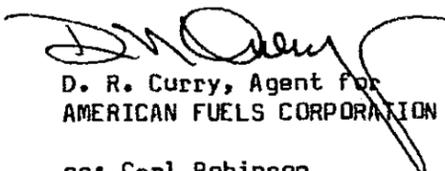
Enclosed are copies of the logs run on the AMERICAN FUELS CORPORATION
Navajo "AC" no. 1, Navajo "E" no. 1, and the Navajo "C" no. 1.

The formation tops on the Navajo "E" no. 1 are as follows:

Upper Ismay	6520 KB	(+77)
Lower Ismay	6586 KB	(+12)
Desert Creek	6665 KB	(-68)
Akah	6833 KB	(-236)
Barker Creek	7028 KB	(-430)
Lower Hermosa	7216 KB	(-619)
Molas	7480 KB	(-883)
Mississippian	7584 KB	(-987)

Please let me know if you need anything else in this regard.

Yours very truly,


D. R. Curry, Agent for
AMERICAN FUELS CORPORATION

cc: Carl Robinson

RECEIVED

OCT 24 1973

O & G CONVS. COMM.

CURRY ENGINEERING

MIDLAND, TEXAS 79701
323 MID-AMERICA BUILDING
P. O. BOX 5596 AC 915 682-2031

MAX E. CURRY
DAROYL R. CURRY

23 Oct 73

Re: Your letter of 2 Oct 73 to Ms. Nita Macaw
AMERICAN FUELS CORPORATION
Navajo "E" well no. 1, SE/SW 31-41-28
Apache County, Arizona Permit # 613

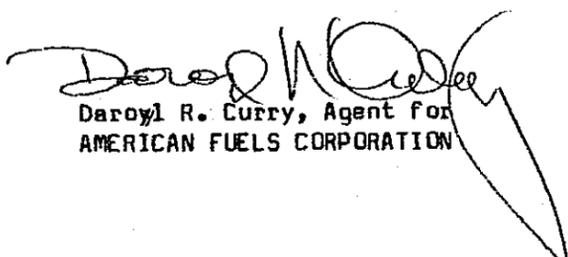
Mr. W. E. Allen, Director
Enforcement Section
ARIZONA OIL & GAS CONSERVATION COMM.
4515 N. Seventh Ave.
Phoenix, Arizona

Dear Sirs:

The subject well has been temporarily abandoned while the AMERICAN FUELS CORPORATION geological staff performs an extensive study in the area. If this study justifies additional work to be done on this well, it will be recompleted. If no such work is justified, we will promptly plug and abandon this well in conformance with all applicable procedures.

I hereby request permission to maintain this well in its current state of completion.

Yours very truly,


Daroyl R. Curry, Agent for
AMERICAN FUELS CORPORATION

RECEIVED
OCT 24 1973
O & G CONS. COMM.

cc: Carl Robinson

613



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE.

PHOENIX, ARIZONA 85013

PHONE: (602) 271-5161

October 12, 1973

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

Re: American Fuels Navajo "AC" #1
NE/NE Sec 17-T40N-R29E
Apache County
Permit No. 615

American Fuels Navajo "E" #1
SE/SW Sec 31-T41N-R28E
Apache County
Permit No. 613

American Fuels Navajo "C" #1
SW/SW Sec 6-T40N-R29E
Apache County
File No. 610

Dear Mr. Curry:

Will you please send this office the logs on the above referenced wells as quickly as possible.

We have also previously requested the formation tops on the Navajo "E" #1 well.

We are attaching for your information a copy of a recent letter addressed to Mrs. Macaw.

We will certainly appreciate receiving the above information as quickly as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b
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 2, 1973

Ms. Nita I. Macaw
American Fuels Corporation
2915 Carlisle Blvd., N.E.
Albuquerque, New Mexico 87110

Re: Navajo "M" #1 Navajo "O" #1 Navajo "E" #1
SE/SW Sec 16-T41N-R30E NE/NW Sec 3-T36N-R28E SE/SW Sec 31-T41N-R28E
Apache Co. Permit #609 Apache Co. Permit #612 Apache Co. Permit #613

Dear Ms. Macaw:

Please advise this Commission of the present status of the above referenced wells. Rule 202, Paragraph B states:

"When drilling operations have been suspended for 60 days, the well shall be plugged and abandoned unless written permission for temporary abandonment shall be obtained from the Commission."

Should you desire to maintain the above referenced wells in a temporary abandoned status, submit your request to this office immediately. Otherwise, it will be necessary to issue an order requesting the plugging of the subject wells.

Also, we still need the formation tops on the Navajo "E" No. 1 well.

This Commission would also appreciate your permission to publish certain geological information in a forthcoming updated version of Bulletin 185. A page from the current Bulletin is attached to indicate to you the type of information contained in this Bulletin.

We want to thank you for your past cooperation and assure you that we will cooperate with your Company in every way possible.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/r1b
Enc.



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

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 1, they will be declared gas wells by this Commission and a hearing will be required prior to producing these wells.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

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,

A handwritten signature in cursive script, appearing to read "W. E. Allen", is written over a horizontal line.

W. E. Allen, Director
Enforcement Section

WEA/rlb

WA

CURRY ENGINEERING

MIDLAND, TEXAS 79701
323 MID-AMERICA BUILDING
P. O. BOX 5596 AC 915 682-2031

MAX E. CURRY
DAROYL R. CURRY

5 Jun 73

Re: Your letter of 1 Jun 73 to
Mr. C. R. Robinson
AMERICAN FUELS CORPORATION
Navajo "E" No. 1, 31-41-28
Apache County, Arizona

Mr. W. E. Allen, Director
OIL AND GAS CONSERVATION COMMISSION
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Sir:

I an enclosing herewith a corrected form 9-331 which reflects the running of a 13-3/8" conductor string in this well. This was necessitated by lost circulation problems in the Dakota formation from 60 to 150'. The well was then drilled through various water sands into the top of the Morrison shale and the 8-5/8" surface string was set at 2184'. The 8-5/8" casing was cemented with 733 sacks and circulation was lost at the end of the job. The well was then cemented at the top with an additional 100 sacks of cement.

Please let us know if we can furnish you anything else in this regard.

Yours very truly,

D. R. Curry
D. R. Curry, Reg. P.E.

Attachment

RECEIVED

JUN 07 1973

O & G CONS. COMM.

American Fuels Corporation

TELEPHONES
(505) 345.3507
(505) 345.5518

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

June 6, 1973

The Oil & Gas Conservation Commission
State of Arizona
4515 N. Seventh Avenue
Phoenix, Arizona 85013

Re: Fom No. 4

Gentlemen:

Please send us two dozen of the above mentioned forms.

Thank you for your assistance.

Sincerely,

Nita J. Macaw

Nita I. Macaw
Secretary to C. R. Robinson

bh

RECEIVED

JUN 6 1973

O & G CONS. COMM.

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

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JUN 03 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 03 1973

O & G CONS. COMM.

June 1, 1973

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

Re: American Fuels Navajo "E" #1
SE/SW Sec 31-T41N-R28E
Apache County
Permit No. 613

Dear Mr. Robinson:

Your daily drilling report of May 27, 1973 indicates that while cementing the 8 5/8" casing at 2,184', circulation was lost. We are not at all clear as to the meaning of your phrase, "Lost circulation while displacing cement w/100 Sxs. of Class "C", 8% Gel, 1/4# flow seal from top." Would you please inform this office of your estimate of the amount of cement you have behind the 8 5/8".

Your Application to Drill indicates that you planned to set approximately 300' of 8 5/8" casing as your surface string. Since you were drilling a 17 1/4" hole, we wonder whether you set a larger size surface string and the 8 5/8" was run because of various hole problems, lost circulation, for instance.

One of the reasons for this inquiry is because Rule 108 of the Rules and Regulations require the surface casing to be cemented from top to bottom.

Please set us straight on this matter.

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

May 21, 1973

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

Dear Mr. Getscher:

The following permits were issued on May 21, 1973.

American Fuels Corp.
Navajo "G" #1
SW/SW Sec 34-T41N-R28E
Apache County
Proposed T.D. 7800' and Elevation 5600
Permit No. 614

American Fuels Corp.
Navajo "E" #1
SE/SW Sec 31-T41N-R28E
Apache Co.
Proposed T.D. 7200 and Elevation 6857
Permit No. 613

American Fuels Corp.
Navajo "O" #1
NE/NW Sec 3-T36N-R28E
Apache Co.
Proposed T.D. 4000 and Elevation 6312
Permit No. 612

Very truly yours,

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

May 21, 1973

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

Dear Mrs. Ratcliff:

The following permits were issued since May 4, 1973.

American Fuels Corp.
Navajo "G" #1
SW/SW Sec 34-T41N-R28E
Apache County
Permit No. 614

American Fuels Corp.
Navajo "E" #1
SE/SW Sec 31-T41N-R28E
Apache County
Permit No. 613

American Fuels Corp.
Navajo "O" #1
NE/NW Sec 3-T36N-R28E
Apache County
Permit No. 612

Very truly yours,

W. E. Allen, Director
Enforcement Section

/rlb

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/rlb

Enc.



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 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

10/11
AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507
May 14, 1973

Mr. John Bannister
Arizona Oil & Gas Commission
4515 N. Seventh Street
Phoenix, Arizona 85013

Dear Mr. Bannister:

Enclosed are the two (2) certified plats that were
inadvertently left out of the package for the Navajo
"E" #1.

If you have any further questions, please don't hesitate
to contact me.

Sincerely,

C. R. Robinson
C. R. Robinson (in)

CRR/nim

Enclosures (2)

RECEIVED
MAY 17 1973
O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-6161

May 11, 1973

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

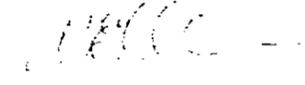
Re: Navajo "O"-1
Navajo "E"-1
Navajo "G"-1

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

613

613

PAYEE: DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

AMERICAN FUELS CORPORATION, ALBUQUERQUE, NEW MEXICO

DATE	INVOICE NO.	DESCRIPTION	AMOUNT	DISCOUNT OR DEDUCTION	NET AMOUNT
5/10/73	812	Fee for Permit to Drill Navajo "E" #1			25.00