

P.W.



CONFIDENTIAL

Release Date 11-2-73

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AMERICAN FUELS **I** NAVAJO-A 609
SE/SW Sec 16-T41N-R30E, Apache Co.

COUNTY Apache AREA 3 mi NW Teec Nos Pos LEASE NO. Nav 0-C 14-20-4109

WELL NAME AMERICAN FUELS CORP. ¹NAVAJO_M

LOCATION SE/SW SEC 16 TWP 41N RANGE 30E FOOTAGE 1775 FWL - 645 FSL

ELEV 5083 GR 5095 KB SPUD DATE 3-27-73 STATUS SI TOTAL 5832
 COMP. DATE 8-25-73 * PNA 4-20-83 PBTD - 5478

CONTRACTOR Mesa Drillers

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
8 5/8"	365	110 sx		<input checked="" type="checkbox"/>			
5 1/2"	5769	220 sx					

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Morrison - Surface				
DeChelly - 2373' - Sample				
Organ Rock - 2695' - Sample				
Cutler Evaporites - 3320' - Sample				
Hermosa - 4169' - Log				
Upper Ismay - 4892' - Log				
Lower Ismay - 4972' - Log				
Lower Ismay Porosity - 5007' - Log				
Desert Creek - 5060' - Log				
Base Desert Creek (Aka) - 5186' - Log				
Lower Hermosa - 5383' - Log				
Molas - 5795' - Sample				

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Comp. Neutron Form.	5623-08, 5448-01,		SAMPLE DESCRP.
Density, Cement Bond - 2	5396-62, 5281-63		SAMPLE NO.
	5084-4906		CORE ANALYSIS
			DSTs <u>3</u>

REMARKS See drilling reports for perforating details.
TA - July 1, 74

APP. TO PLUG _____
 PLUGGING REP. _____
 COMP. REPORT 12-11-73

WATER WELL ACCEPTED BY _____

BOND CO. NA, CASH BOND filed in P/N 609 BOND NO. NA
 DATE _____ ORGANIZATION REPORT 2-9-73
 BOND AMT. \$ 25,000 CANCELLED _____
 FILING RECEIPT 2949 LOC. PLAT X WELL BOOK X PLAT BOOK X
 API NO. 02-001-20183 DATE ISSUED 3-26-73 DEDICATION E/2 SW/4

PERMIT NUMBER 609

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(over)

DRILL STEM TEST

See file for complete

NO.	FROM	TO	RESULTS
1	4900	4955	IFP 81 PSI, ISIP (1hr. 5 mi. 486 PSI - 2nd flow period. 2 hrs. good blow, no gas to surface. Rec 100' SGCM SIP 405
2	5000	5051	GTS in 7 mi. - flowed at rate of 250 MCF then FSW
3	5412	5462	

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS
				No core

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

Unable to run open hole logs

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 Navajo "M"		Well Number 1	Field & Reservoir Black Rock Penn
Location 1775/WL, 645/SL of Sec		County Apache	
Sec. TWP-Range or Block & Survey Sec 16, T41N, R30E			
Date spudded 3-27-73	Date total depth reached 16 Apr 73	Date completed, ready to produce 25 Aug 73	Elevation (DT, RKB, RT or Cr.) 5095 KB (feet)
Elevation of casing hd. Range 5083 feet			
Total depth 5832	F.B.T.D. 5478	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 5362-5448		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 commission) FDC-GR, CBL, VDL, GR-N			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
Surface		8-5/8"	24	365	110	none
Production	7-7/8"	5 1/2"	15	5769	220	none

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8" in.	5300 ft.	5300 ft.	none in.	ft.	ft.		

PERFORATION RECORD

Number per ft.	Size & type	Depth interval	Amt. & kind of material used	Depth interval
1/2	1/2" jet	5608-5623	Acidized w. 500 gal	5608-5623, sub dry
15 holes	1/2" jet	5362-5448	Acidized w. 13000 gal	5362-5448

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

INITIAL PRODUCTION

Date of first production 24 Aug 73		Producing method (indicate if flowing, gas lift or pumping--if pumping, show size & type of pump): flowing					
Date of test 25 Aug 73	Hrs. tested 4	Choke size 3/4"	Oil prod. during test 2.8 bbls.	Gas prod. during test TSTM MCF	Water prod. during test 25 bbls.	OR gravity 42 ° API (Corr)	
Tubing pressure 25#	Casing pressure packer	Calcd rate of Production per 24 hrs.	Oil 17 bbls.	Gas TSTM MCF	Water 150 bbls.	Gas-oil ratio TSTM	

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

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

D. R. Curry, Engr.
Signature

RECEIVED

DEC 14 1973

O & G CONS. COMM.

Permit No. 609

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

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description
U. Ismay	4892	4972	ls
L. Ismay	4972	5060	ls
Desert Creek	5060	5186	ls
L. Hermosa	5383	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 was down, and shut-in pressures, and recoveries.

INSTRUCTIONS:

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

Form 9-598b

X			

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION**

Sec. 16
T. 41 N
R. 30 E
N.M.P. Mer.

INDIVIDUAL WELL RECORD

INDIAN LAND: _____ Date December 23, 1977 Ref. No. _____

Reservation Navajo Tribal State Arizona

N00-C-14-20-4109 County Apache

Lessee _____ Field Black Rock Penn

Operator American Fuels Corp. District Farmington

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

Location 645 feet from south and 1775 feet from west lines of section

Drilling approved March 23, 1973 Well elevation 5083 g1 feet

Drilling commenced March 27, 1973 Total depth 5832 PB 5478 feet

Drilling ceased April 16, 1973 Initial production _____

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

Abandonment approved 4-20-73, 1983 Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents
	<u>L. Hermosa</u>			

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1973			Drg.					TA 8-8-73				
1983												
American Fuels Corporation is defunct. Lease has been cancelled.												

REMARKS Geologic Tops: U. Ismay 4892' E.L.
L. Ismay 4972' "
Desert Creek 5060' "
L. Hermosa 5383' "

P/N 609

CEMENTERS, INC.

CE ULRICH, President
632-3683

FARMINGTON, NEW MEXICO 87499
RECEIVED
APR 26 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

PLUGGING PROCEDURE TO PLUG & ABANDON:

American Fuels Corp. Well
Navajo M #1

Plugged 4-20-83

- Spot 100 sx cement from 5623 to 4762
- Spot 11 sx cement from 3262 to 3162
- Spot 11 sx cement from 1662 to 1562
- Spot 11 sx cement from 100 to surface

CEMENTERS INC.

P.O. Box 302
Farmington, New Mexico 87401

JOB TICKET A 0954

Phone: 632-3683

Mobile Service: 325-1873

Answering Service: 327-0531

Address: Big W Well Services
708 S Tucker Ave
City: Farmington NM 87401
State: NM Zip: 87401
Date of Job: 11-30-83
Type of Job: Plug Depth: 5623 Ft.
New Well Old Well Other
Pump Truck Used: _____ Mileage: _____
Bulk Truck Used: _____ Ton Mileage: _____

Well No.: J M Navato #1 Lease: _____
County: Apache State: Arizona
Field: _____
Size of Hole: _____ Depth: _____ Ft.
Size & Wt. of Casing: 5 1/2" Depth: 5623 Ft.
Size & Wt. of Pipe: 2 3/8" Depth: 5623 Ft.
Top Plugs: _____ Type: _____
Bottom Plugs: _____ Type: _____
Bulk Sacks

Cement and Additive Data:

SACKS	BRAND	TYPE	OTHER
			SPOT 100 SK From 5623 to 4762
			SPOT 11 SK 11 326 to 3162
			SPOT 11 SKS 11 1669 to 1561
			SPOT 110 SKS From 350 to 0

Slurry Weight: _____ lbs./gal. Slurry Volume: _____ lbs./cu. ft.
Sacks Cement Treated with _____ % of _____

Price Ref. No.	Description	Rate
PR-3	Service Chg.	1.00
PR-10	Pump Truck Mileage Chg 70 miles @ 2.00	140.00
PR-31	138 SKS Cement @ 6.55 Per SK	903.90
PR-44	Handling Chg. 135 FT ³ @ .75 FT ³	101.25
PR-45	Ton Mileage Chg 12772 @ .46 Per Mile	5885.92
	Tax .035	205.91
		6727.08

CONTRACT CONDITIONS: (This agreement must be signed before work is commenced)
The undersigned, as authorized agent of the customer, agrees and acknowledges that the services, materials, products and supplies provided for in this order shall be subject to the terms and conditions appearing on the front and reverse sides of order without the consent of an authorized representative of CEMENTERS INC.

SIGNED: _____ AGENT OF OWNER OR CONTRACTOR
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: J M Navato (WELL OWNER OPERATOR OR AGENT)

White Copy - Operator Canary Copy - Office Green Copy - Invoice Pink - Remains in Book

FLUID SAMPLE DATA				Date	Ticket Number
Sampler Pressure _____ P.S.I.G. at Surface				4-12-73	382293
Recovery: Cu. Ft. Gas _____				Kind of Job	Holliburton District
cc. Oil _____				OPEN HOLE	FARMINGTON
cc. Water _____				Tester	Witness
cc. Mud _____				DAVIS	BROWN
Tot. Liquid cc. _____				Drilling Contractor	MESA DRILLERS NM S
Gravity _____ ° API @ _____ ° F.				EQUIPMENT & HOLE DATA	
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested	
				Lower Hermosa	
				Elevation	
				5129' Ft.	
				Net Productive Interval	
				50' Ft.	
				All Depths Measured From	
				Rotary Kelly Bushing	
				5462' Ft.	
				Total Depth	
				7 7/8"	
				Main Hole/Casing Size	
				700' I.D. 2.25"	
				Drill Collar Length	
				4675' I.D. 3.826"	
				Drill Pipe Length	
				5407' - 5412' Ft.	
				Packer Depth(s)	
				5375' Ft.	
				Depth Tester Valve	
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382293

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4675'	
Drill Collars	6"	2 1/2"	700'	
Handling Sub & Choke Assembly	5"	1"	5'	
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	4'	5375'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	5379'
Hydraulic Jar	5"	1"	5'	
VR Safety Joint	5"	1"	2'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.3"	5'	5407'
Distributor				
Packer Assembly	6 3/4"	1.3"	5'	5412'
Flush Joint Anchor	5 3/4"	2 1/2"	3'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	6"	2 1/2"	30'	
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5 3/4"	2 1/2"	13'	
Blanked-Off B.T. Running Case	5 3/4"		4'	5458'

Gauge No.	4352		5379'		10445		382293	
	First Flow Period	First Closed In Pressure	Second Flow Period	Second Closed In Pressure	Third Flow Period	Third Closed In Pressure	12 hour	Ticket No.
	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	
	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	
0	.000	.000	.000	.000	.000	.000		
1	.106	.0282	.1368	.0497	.0923	.1349		
2		.0705	.2736	.1349	.1703			
3		.1128	.4104	.1775	.1895			
4	PLUGGING	.1551	.5472	.2201	.1992			
5		.1974	.6840	.2627	.2037			
6		.2397	.8210	.3053	.2058			
7		.2820		.3479	.2070			
8		.3243		.3905	.2080			
9		.3666		.4330	.2086			
10		.4090						
11								
12								
13								
14								
15								

Gauge No.	786		5458'		7276		24	
	First Flow Period	First Closed In Pressure	Second Flow Period	Second Closed In Pressure	Third Flow Period	Third Closed In Pressure	12 hour	Ticket No.
	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	Log $t + \theta$	Time Defl. .000"	
	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	PSIG Temp. Corr.	
0	.000	.000	.000	.000	.000	.000		
1	.055	.0137	.0678	.0240	.0240	.0240		
2		.0342	.1356	.0446	.1398	.1398		
3	PLUGGING...	.0547	.2034	.0652	.1719	.1719		
4		.0752	.2712	.0858	.1906	.1906		
5		.0957	.3390	.1064	.1984	.1984		
6		.1162	.4070	.1270	.2028	.2028		
7		.1367		.1476	.2051	.2051		
8		.1572		.1682	.2065	.2065		
9		.1777		.1888	.2075	.2075		
10		.1980		.2090	.2081	.2081		
11								
12								
13								
14								
15								

Receiving Interval * INTERVAL = 4 MINUTES. ** INTERVAL = 7 MINUTES.

REMARKS:

SPECIAL PRESSURE DATA

FLUID SAMPLE DATA				Date	Ticket Number	
Sampler Pressure _____ P.S.I.G. at Surface				Date	4-9-73	
Recovery: Cu. Ft. Gas _____				Kind of Job	OPEN HOLE	
cc. Oil _____				Halliburton District	FARMINGTON	
cc. Water _____				Tester	MR. SMITH	
cc. Mud _____				Witness	MR. BROWN	
Tot. Liquid cc. _____				Drilling Contractor	MESA DRILLERS DR S	
Gravity _____ * API @ _____ *F.				EQUIPMENT & HOLE DATA		
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested	Ismay	
RESISTIVITY _____ CHLORIDE CONTENT _____ ppm				Elevation	5116' Ft.	
Recovery Water @ _____ *F. 35000 ppm				Net Productive Interval	30' Ft.	
Recovery Mud @ _____ *F.				All Depths Measured From	Rotary Kelly Bushing	
Recovery Mud Filtrate @ _____ *F. ppm				Total Depth	5051' Ft.	
Mud Pit Sample @ _____ *F.				Main Hole/Casing Size	7 7/8"	
Mud Pit Sample Filtrate @ _____ *F. ppm				Drill Collar Length	697' I.D. 2 1/2"	
Mud Weight 9.8 vis 48 cp				Drill Pipe Length	4477' I.D. 3.826"	
				Packer Depth(s)	4996'-4999' Ft.	
				Depth Tester Valve	4930' Ft.	
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Recovered		3814	Feet of highly gas cut salt water		3/4" Adj.	3/4"
Recovered			Feet of	RECEIVED		
Recovered			Feet of	M.A. 10/13/74		
Recovered			Feet of	O & G CONS. COMM.		
Recovered			Feet of			
Remarks Opened tool for 10 minute first flow with a good blow, increased to a strong blow @ 10:27 open to flow line on 1/2" choke @ 10:30-Gas to surface @ 10:32 . Closed tool for 61 minute first closed in pressure. Reopened tool for 88 minute second flow @ 11:35 on 1/2" choke with 40#, 25 lbs @ 11:50 on 1/2" choke, 20# @ 12:05 on 1/2" choke. Mud to surface. Open to 3/4" choke @ 12:25-salt water @ 12:35. Closed tool for 61 minute second closed in pressure.						
TEMPERATURE		Gauge No. 2033	Gauge No. 2032	Gauge No.	TIME	
Depth: 4934 Ft.		Depth: 5047 Ft.	Depth: Ft.	12 Hour Clock		
Est. 118 *F.		Blanked Off NO	Blanked Off YES	Blanked Off	Tool Opened 10:25 - P.M.	
Actual *F.		Pressures		Pressures		Tool Closed 14:05 P.M.
		Field	Office	Field	Office	Reported Minutes
Initial Hydrostatic		2543.3	2550	2563.2	2584	Computed Minutes
First Period	Flow Initial	587.1	627	612.1	894	10
	Flow Final	692.6	706	717.7	753	10
Closed in		1830.2	1857	1850.9	1869	60
Second Period	Flow Initial	560.7	711	585.1	764	90
	Flow Final	1379.6	1398	1376.3	1420	88
Closed in		1777.1	1801	1798.1	1811	60
Third Period	Flow Initial					
	Flow Final					
Closed in						
Final Hydrostatic		2517.0	2532	2536.8	2561	

Legal Location Sec. - Twp. - Rng. 16-41N-30E
 Lease Name NAVAJO 'M'
 Well No. 1
 Test No. 2
 Field Area WILDCAT
 Meas. From Tester Valve
 County APACHE
 State ARIZONA
 Tested Interval 4999'-5051'
 License Owner/Company Name AMERICAN FUELS CORPORATION

382395

	O.D.	I.D.	LENGTH	DEPTH
Reversing Sub	6"	3"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4477'	
Drill Collars	6"	2 1/2"	697'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	6'	
Dual CIP Sampler				4930'
Hydro-Spring Tester	5"	3/4"	5'	
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4934'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	4'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2"	6'	4996'
Distributor				
Packer Assembly	6 3/4"	2"	6'	4999'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6"	2 1/2"	30'	
Flush Joint Anchor	5 3/4"	2 1/2"	14'	
Blanked-Off B.T. Running Case	5 3/4"		5'	5047'

EQUIPMENT DATA

LITTLE 5

FLUID SAMPLE DATA				Date	4-8-73	Ticket Number	382292	
Sampler Pressure _____ P.S.I.G. at Surface	Recovery: Cu. Ft. Gas _____		cc. Oil _____		cc. Water _____		cc. Mud _____	
Gravity _____ ° API @ _____ ° F.		Gos/Oil Ratio _____ cu. ft./bbl.		Kind of Job	OPEN HOLE	Halliburton District	FARMINGTON	
RESISTIVITY _____ CHLORIDE CONTENT _____		Recovery Water @ _____ ° F. _____ ppm		Tester	MR. DAVIS	Witness	MR. BAILEY	
Recovery Mud @ _____ ° F. _____ ppm		Recovery Mud Filtrate @ _____ ° F. _____ ppm		Drilling Contractor	MESA DRILLERS	DR		
Mud Pit Sample @ _____ ° F. _____ ppm		Mud Pit Sample Filtrate @ _____ ° F. _____ ppm		EQUIPMENT & HOLE DATA				
Mud Weight 9.8 vis 55 cp		Mud Weight _____ vis _____ cp		Formation Tested	Upper Ismay			
				Elevation	5104'	GR Ft.		
				Net Productive Interval	55'	Ft.		
				All Depths Measured From	Rotary Kelly Bushing			
				Total Depth	4955'	Ft.		
				Main Hole/Casing Size	7 7/8"			
				Drill Collar Length	693'	I.D.	2 1/2"	
				Drill Pipe Length	4173'	I.D.	3.826"	
				Packer Depth(s)	4895'-4900'			
				Depth Tester Valve	4871'	Ft.		
TYPE AMOUNT		Depth Back Ft. Pres. Valve		Surface Choke	3/4" Adj.	Bottom Choke 3/4"		
Cushion				RECEIVED				
Recovered 100 Feet of drilling mud				MARCH 1974				
Recovered Feet of				O & G CO'S COMM				
Recovered Feet of		CHARTS INDICATE PARTIAL PLUGGING OF ANCHOR PERFORATIONS.						
Recovered Feet of								
Recovered Feet of								
Remarks		Going in hole, had to spud throughout tight hole.						
		No gas to surface. Opened tool for 20 minute first flow with a good blow.						
		Closed tool for 65 minute first closed in pressure. Reopened tool for 120						
		minute second flow with a good blow. Tool slid down hole approximately 5' when						
		tool open for second time. No gas to surface. Closed tool for 60 minute second						
		closed in pressure.						
		15' PERFORATIONS ABOVE 30' DRILL COLLAR 10' PERFORATION BELOW.						
TEMPERATURE	Gauge No. 4352	Gauge No. 786	Gauge No.	TIME				
	Depth: 4879 Ft.	Depth: 4951 Ft.	Depth:	Hour Clock				
Est. °F.	Blanked Off NO	Blanked Off YES	Blanked Off	Tool A.M.				
				Opened 04:00.M.				
Actual 120 °F.	Pressures		Pressures		Pressures		Tool A.M.	
	Field	Office	Field	Office	Field	Office	Closed 08:28.M.	
Initial Hydrostatic	2509.1	2534		2582			Reported	
Flow Initial	81.1	64		153			Minutes	
Flow Final	81.1	64		Plugging			Minutes	
Closed in	486.5	497		Plugging			20	
Flow Initial	108.1	64		203			65	
Flow Final	405.4	105		Plugging			120	
Closed in		404		Plugging			60	
Flow Initial								
Flow Final								
Closed in								
Final Hydrostatic	2509.1	2534		2582				

Legal Location Sec. - Twp. - Rng. 16-41N-30E

Lease Name NAVAJO 1N11

Well No. 1

Field Area WILD CAT

County APACHE

State ARIZONA

Lease Owner/Company Name AMERICAN FUELS CORPORATION

Tested Interval 4900'-4955'

DS 1

382292

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	6"	2½"	1'	
Water Cushion Valve				
Drill Pipe	4½"	3.826"	4173'	
Drill Collars	6"	2½"	693'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	1"	5'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	¾"	4'	4871'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2"	4'	4879'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly				4895'
Distributor				
Packer Assembly				4900'
Flush Joint Anchor	5 ¾"	2½"	15'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6"	2½"	30'	
Flush Joint Anchor	5 ¾"	2½"	6'	
Blanked-Off B.T. Running Case	5 ¾"		4'	4951'

DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 27 & 28 1973 (58 Days) 5832' TD
Shut down, waiting on fracturing equipment.

NAVAJO "AC" #1 August 28, 1973 (58 Days) 6163' TD
Shut in, awaiting completion

NAVAJO "G" #1 August 28, 1973 (Estimated TD 7800' Devonian)
Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 24, 1973 (54 Days) 5832' TD

Went in hole with tubing and Baker Rotovert Casing Scrapper. Cleaned out casing to 5478'. Tripped tubing, went in hole with Model R Packer to 5450'. Spotted 1.3 bbls of acid on perfs. Picked up tubing and set packer at 5300'. Pressured up and formation broke at 2950 psi. Started pumping acid. After 500 gals., dropped 4 RCN ball sealers. With 1 additional ball dropped every two bbls. of acid. Excellent ball action with complete ball out of perforations with 6 bbls. of acid still in tubing. Pressure increased to 5700 lbs. at ball out. Flushed balls off perfs and finished acid job 3.3 BPM at 3200 psi. Maximum injection rate 4-1/2 BPM at 3150 psi. ISDP 2200 psi. Opened to pit and bled off pressure. Well was flowing at slow rate when started swabbing. Pulled swab 7 times, then SDON. Had recovered estimated 50 bbls of 147 bbls. load. BOP pulled off and well head installed.

NAVAJO "M" #1 August 25, 1973 (55 Days) 5832' TD

SITP 100 psi. Started swabbing. Had small show of oil on top of 1st run. Fluid level at 2500' FS. Swabbed 8 hrs. and recovered est. 56 bbls. of fluid cut with oil est. 20% and some evidence of formation water at end of swab period. Fluid level swabbed down to 2500' off bottom. SDON

NAVAJO "M" #1 August 26, 1973 (56 Days) 5832' TD

SITP 50 psi. Fluid level at 2500' FS. Swabbing at rate of 6 to 8 bbls. per hour with oil cut increasing at end of swab period. Will shut down to prepare for fracture treatment. SDON

NAVAJO "AC" #1 August 25 thru 27 1973 (57 Days) 6163' TD

Shut in, awaiting completion

NAVAJO "G" #1 August 27, 1973 (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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WELLY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 23, 1973 (146 Days) 5832' TD

Finished drilling out hard cement from 5338' to 5462'. Cleaned out to
~~5468'~~ 5468'. Pulled tubing. Rigged up Welex and reperforated one shot
at each of the following: ~~5448', 46', 44', 42', 5405, 01', 5396', 5394',~~
~~92', 90', 89', 5371', 69', 67', 64', and 62'~~ Went back in hole with
Model R Packer and could not get below 5200'. Came out of hole. SDON

NAVAJO "M" #1 August 24, 1973 (147 Days) 5832' TD

Preped to go in hole with casing scrapper. Then acidize new perfs with
3000 gallons of acid.

NAVAJO "AC" #1 August 24, 1973 (54 Days) 6163' TD

Shut in, awaiting completion.

NAVAJO "G" #1 August 24, 1973 (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORTS

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 22, 1973 (145 Days) 5832' TD

Drilled out caste iron bridge plug and found cement stringers below; indicating plug had leaked, squeezing off perms below. Drilled out to old PBTD. Ran tubing. Swabbed dry indicating perms have been plugged. Re-perfed to acidize.

NAVAJO "AC" #1 August 23, 1973 (53 Days) 6163' TD

Shut in, awaiting completion.

NAVAJO "G" #1 August 23, 1973 (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 21, 1973 (144 Days) 5832' TD

Drilling on retainer at 5195'. Drilling out cement. Preparing to swab test original perfs (5263' to 81').

NAVAJO "AC" #1 August 22, 1973 (52 Days) 6163' TD

Shut in, Awaiting completion.

NAVAJO "G" #1 August 22, 1973 (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 20, 1972 (143 Days) 5832' TD

Drilled cement retainer at 5195'. Drilled hard cement from 5197' to 5280'. Drilled cement ; 5280' to top of Bridge plug 5310'. Drilled part of Bridge plug then pushed to ~~5335'~~. SDON

NAVAJO "AC" #1 August 21, 1973 (51 Days) 6163' TD

Shut in, Awaiting completion

NAVAJO "G" #1 August 21, 1973 (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 15, 1973 (138 Days) 5832' TD

SITP 50 psi. Commenced swabbing 8:00 a.m. Found fluid level 2500 FS. Swabbed 3 times and swabbed tubing dry. Recovered 100% acid water with no shows. Released packer and came out of hole. Picked up 4, 3-1/2" OD Drill collars and hit sub with 4-3/4" Bit. Went in hole to 4200'. SDON

August 16, 1973 (139 Days) 5832' TD

Finished going in hole. Rigged up power swivel and pump. Filled hole with water. Began drilling on cast iron retainer at 4885' KB. Attempted to reverse circulate but plugged bit 3 times. Pumped in conventional manner until all ball sealers were recovered. Drilled on retainer 4 hrs. Circulated hole 30 minutes. SDON.

August 17, 1973 (140 Days) 5832' TD

Drilled hard cement from 4887' to 5024'. Average penetration, 4 minutes per ft. Circulated hole clean. Picked up 1 stand off bottom. SDON

August 18, 1973 (141 Days) 5832' TD

Drilled hard cement from 5024' to 5085'. Cleaned out of retainer. Set at 5085'. Drilled on retainer 30 minutes and bit started locking up. Came out of hole, changed bits, went in hole, drilled on retainer 1-1/2 Hrs. SDON

August 19, 1973 (142 Days) 5832' TD

Drilling on retainer at 5195'

NAVAJO "AC" #1 August 16th thru 20th 1973 (50 Days) 6163' TD

Shut in, Awaiting completion

NAVAJO "G" #1 August 16th thru 20th (Estimated TD 7800' Devonian)

Waiting on Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 14, 1973 (137 Days) 5832' TD

Picked up RBP & Packer. Came out of hole. When RBP released, well kicked off and started flowing 40 bbls of water per hr. Estimate 1/2 million c.f.g. per day. Circulated hole, recovered large volumes of gas and well kicked off and flowed several times while coming out of hole. Pumped approx. 300 bbls. of water into well. Came out of hole w/tubing. Went in hole with caste iron bridge plug. Prepped to squeeze with 200 Sxs. of cement.

NAVAJO "AC" #1 August 15th, 1973 (45 Days) 6163' TD

Shut in, Awaiting completion.

NAVAJO "C" #1 August 15th, 1973 (113 Days) 6534' TD

Shut in.

NAVAJO "G" #1 August 15, 1973 (Estimated TD 7800' Devonian)

Waiting for Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 13, 1973 (136 Days) 5832' TD
SITP 300 psi. Bled gas head off in 5 minutes. Rigged up swab. Made 1 run
per hour for 5 hrs. Recovered no fluid. Prepped to squeeze cement.

NAVAJO "C" #1 August 13th and 14th, 1973 (112 Days) 6534' TD
Shut In.

NAVAJO "AC" #1 August 14, 1973 (44 Days) 6163' TD
Rotary Rig moving off location.

NAVAJO "G" #1 August 14, 1973 (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 10, 1973 (133 Days) 5832' TD
SITP 50 psi. Started swabbing. Found fluid level 1000' FS. Well kicked off and started flowing fresh water and load water. After recovery of load water, well continued to flow fresh water at rate of 20 bbls. per hr. with substantial flow of gas. Unable to measure gas because of large volume of water. Flowed 5 Hrs.. Water rate did not decrease. SION

NAVAJO "M" #1 August 11, 1973 (134 Days) 5832' TD
Rigged up kill truck. Killed well and unseated packer. Picked up RBP. ~~Swabbed~~
~~Swabbed~~ Started swabbing. Swabbed fresh water at rate of 15 to 20 bbls per hr. Fair show of gas. Fluid level did not drop below surface. Unseated packer and picked up RBP. ~~Swabbed~~, perforations 5008' to 5012'. Pulled swab 3 times. Well kicked off flowing. Flowing fresh water and gas. Flowing at rate of 20 bbls. per Hr. Flowed 4 Hrs. Rate did not decrease. SION

NAVAJO "M" #1 August 12, 1973 (135 Days) 5832' TD
Picked up RBP, Came out of hole to change out RBP. Went back in hole. RBP would not set. Trip tubing and went back in hole to straddle Zone A. Started swabbing. Swabbed 1-1/2 Hr. Fluid level dropping. Well swabbing down. SDON
Prepped to swab to test Zone A

NAVAJO "C" #1 August 10 thru 12, 1973 (110 Days) 6534' TD
Shut in.

NAVAJO "AC" #1 August 10 thru 13, 1973 (43 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 August 10 thru 13, 1973 (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

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AUG 15 1973

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APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 9, 1973 (132 Days) 5832' TD
Perforations: One (1) Shot at each of the following depths:

Zone A - 5078', 80', 81', 82', 84'
Zone B - 5008', 09', 10', 11', 12'
Zone C - 4906', 07', 08', 09', 16', 18', 20'

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

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

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

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

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

DAILY DRILLING REPORT

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APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 8, 1973 (131 Days) 5832' TD
Set cement retainer 5195' KB. Tested tubing to 3000 psi. Tested O.K.
Pressure 5-1/2 annulus at 2000 psi. Pumped into perfs at 4 BPM at
1500 psi. Shut down and well went on vacuum. Squeezed with 150 Sxs.
of Class "A" Cement. Pumped 135 Sxs. below retainer. Maximum squeeze
pressure 2500 psi. After 5 minutes. Pressure stabilized at 2000 psi.
Pulled out of retainer and reversed 3 bbls. of slurry out of hole.
Came out of hole with tubing and setting tools. Rigged up Welex and
attempted to perforate new zones but had two mis-fires. SDON

August 9, 1973 (132 Days) 5832' TD
Will perf this a.m. and start acidizing.

NAVAJO "C" #1 August 8, 1973 (106 Days) 6534' TD
Flowing gas at rate TSTM. Tubing Pressure 50 psi. Will shut in to
pressure up and unload liquids out of tubing.

NAVAJO "AC" #1 August 9, 1973 (39 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 August 9, 1973 (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 August 7, 1973 (130 Days) 5832' TD
Released Packer and picked up RBP. Came out of hole. ~~Failed to~~
~~retrieve RBP.~~ Went in hole. Picked up ~~RBP~~. Came out of hole. Laid
down tools. Rigged up Welex. ~~Set cast iron DBP at 5307' KB.~~ Went
in hole w/Baker 5-1/2" drillable cement retainer for 2-3/8" OD tubing.
Preped to squeeze cement. Shut down overnight.

NAVAJO "C" #1 August 7, 1973 (105 Days) 6534' TD
12:30 p.m. FTP 50# after opening well on 1/2" choke at 12:00 noon, Aug. 7
Immediate rate 292 MCFPD. Increased to 340 MCFPD in 4 hours. Maintained
rate at 340 MCFPD in 2 hrs. Well started loading up. Gas too small to
measure after 1 Hr. During next 16 Hrs., well made 2 gas heads. Rate
varied from 0 to 264 MCFPD. After 2 Hrs., set choke on 10/64". Left flow-
ing at 75 MCFPD. Well was flowing overnight. Well made 26 bbls. of fluid
in 26 Hrs. Estimated oil cut 20%.

NAVAJO "AC" #1 August 8, 1973 (38 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 August 8, 1973 (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "M" #1 (August 6, 1973) (129 Days) 5832' TD
SITP 750 psi in 15 Hrs. Bled gas off. 3.4 bbls. of fluid. Started swabbing
Initial fluid level 4000' FS. Swabbed 35.4 bbls of fluid in 7 Hrs. Cut 10 to
50% oil. Recovered 11.2 bbls of oil in 7 Hrs. Last hour swabbed 5 bbls at
cut 50% oil. Now coming out of the hole. Prep to squeeze off perfs, 5268' to 81

NAVAJO "C" #1 (August 6, 1973) (104 Days) 6534' TD
11:30 a.m. - FTP 80 psi. Flow rate 292 MCFPD on 24/64" Choke. - Recovered
38.4 bbls of water, 1.2 bbls of oil in 21 Hrs. Opened well to flow on 32/64"
Choke. Left flowing overnight.

NAVAJO "AC" #1 (August 7, 1973) (37 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 (August 7, 1973) (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

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DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "C" #1 (August 3, 1973) (101 Days) 6534' TD
Flowing Tubing Pressure 360 psi. Flowing at the rate of 392 MCF per day
on 13/64" Choke. Left flowing overnight.

August 4, 1973 (102 Days) 6534' TD
FTP 250 psi. Flowed at rate of 353 MCF per day, on 16/64" Choke. Recovered
32 bbls. of water. Opened on 20/64" Choke. Left flowing overnight.

August 5, 1973 (103 Days) 6534' TD
FTP 160 psi. Flowed at rate of 360 MCF per day, 20/64" choke. Recovered
4 bbls of oil and 48 bbls of water in 26-1/2 Hrs. Opened to 20/64" Choke
and left flowing overnight.

NAVAJO "M" #1 (August 3, 1973) (128 Days) 5832' TD
Perfs 5263' to 81'. Flowed from 5:30 to 1:00 p.m. by heads. Mostly gas.
Recovered 33 bbls of fluid. Oil cut 0 to 50%. Shut in overnight.

August 4, 1973 (129 Days) 5832' TD
Bled pressure off tubing in 5 minutes. Began to swab. Initial fluid level
3000' from surface. Swabbed down to 3500' in 2-1/2 Hrs. Swabbed 100% water
with no shows. Swabbed 34 bbls in 3 hrs. 100% water. Moved RBP to set between
upper and lower pers, shutting off last three perfs (5448, 46', 44'). Swabbed
5 Hrs. Recovered 25 bbls of fluid. Oil cut 30 to 50%. Initial fluid level
3500' from surface. Fluid heavily gas cut. Making 2 runs per hr. Shut down
overnight.

August 5, 1973 (130 Days) 5832' TD
SITP 900 psi in 14 hrs. Bled gas down in 1 Hr. Began swabbing. Initial fluid
level 3000' from surface. Recovered 63.5 bbls of fluid in 8 Hrs. Oil cut 20
to 50%. Fluid heavily gas cut. Final fluid level 3800'. Shut down overnight.

NAVAJO "AC" #1 (August 6, 1973) (36 Days) 6163' TD
Waiting on Rotary Rig to move off.

NAVAJO "G" #1 (August 6, 1973) (Estimated TD 7800' Devonian)
Waiting for Rotary Rig to move in and rig up.

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Amer. Fuels Navajo "M"-1
Sec 16, T4N-R30E

American Fuels #609
Navajo M - 1

FORMATION TOPS

A Compensated Neutron-Formation Density log was run through casing on 4/20/73 from 4000' to 5734'. Formation tops were picked on this log and from samples as follows:

Morrison - Surface
DeChelly - 2373' - Sample
Organ Rock - 2695' - Sample
Cutler Evaporites - 3320' - Sample
Hermosa - 4169' - Log
Upper Ismay - 4892' - Log
Lower Ismay - 4972' - Log
Lower Ismay Porosity - 5007' - Log
Desert Creek - 5060' - Log
Base Desert Creek (Akah) - 5186' - Log
Lower Hermosa - 5383' - Log
Molas - 5795' - Sample

STRUCTURE

Structure is compared with the nearby Superior test well located 675'SL & 1027'WL Section 16 or approximately 748' west of the American Fuels M-1. The Superior location was resurveyed and corrected from the original survey. Structural comparison using ground elevations is as follows:

	Superior 14-16 (5091' gr. el.)	American Fuels M-1 (5083' gr. el.)
Lower Ismay	4964' (+127)	4972' (+111)
Lower Ismay Porosity	5000' (+91)	5007' (+76)

The American Fuels M-1 is 15' low to the Superior test well on top of the Lower Ismay Porosity.

NAVAJO "M-1" August 2, 1973 (127 Days) 5832' TD
Initial fluid level 2000' from surface. Swabbed 5 runs - well
kicked off flowing. Flowed 45 minutes 100% water to pit then
started cutting oil up to 70% oil cut. Shut in rigged lines
to test tank. Swabbed 2 runs and kicked off flowing in 4 hours
recovered 122 bbls lode water, a trace oil, very slight show of
gas. Flowing by heads left flowing overnight with watchman
taking hourly gauges.

NAVAJO "C-1" August 2, 1973 (100 Days) 6534' TD
Flowing tubing pressure 380. Last 29 hours made no oil, 32 bbls
water. Gas rate stabilized at 285 MCF per day. Opened flow on
a 13/64 inch choke.

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WJK EK File

DAILY DRILLING REPORT

APACHE COUNTY, ARIZONA

NAVAJO "AC" #1 Aug. 2, 1973 (32 Days) 6163' TD
Awaiting Pulling Unit

NAVAJO "G" #1 Aug. 2, 1973 (Estimated TD 7800' Devonian)
Rotary Rig moving in and rigging up.

NAVAJO "C" #1 Aug. 1, 1973 (99 Days) 6534' TD
12:30 a.m. FTP 500#. Last 25 1/2 Hrs. produced 4.5 bbls. of oil plus
12.7 bbls. of water. Gas rate averaging 241 mcf per day. 1:00 p.m.
Opened to flow on 10/64 Choke. Making small heads of fluid. 20 minutes
FTP 460. Gas rate 271 mcf per day.

NAVAJO "M" #1 Aug. 1, 1973 (126 Days) 5832' TD *in holes*
Went in hole, picked up ~~2800~~ Set at ~~5300~~ KB. Spotted acid, *AKah?* pulled two
joints and set ~~packer~~ at ~~5230~~ KB. Acidized perfs 5263' to 81' with 1500
gals. 15% NELSTA. Broke down on spot. Treated at 1600 up to 2850# at
5 BPM. ISDP 1600# 15 minutes SIP 575. Bled down to pit 10 minutes. AT-
tempted to go in hole to swab. Found bad paraffin 500' from surface.
Scrapped tubing. Swabbed and kicked off flowing acid gas and load water.
Recovered 60 bbls. load water out of 131 bbls total load. Died. No show
oil or gas. Shut down overnight.

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NAVAJO "M" #1 July 30, 1973 (124 Days) 5832' TD
Moved in Aztec Pulling Unit #65. Shut down for rig repair.

July 31, 1973 (125 Days)
SITP 1500. Killed tubing by pumping 35 dbis. of water down tubing. Bled gas and lt. green oil off casing in 5 minutes. Unseated Packer and came out of hole with 167' tubing and Baker "C" Packer. Rigged up Welex wire line unit and perforated one jet at each of the following depths: 5263', 66', 68', 70', 78', 80', 81'.
Went in hole with Baker "R" Packer and Baker RBP. Could not set RBP. Came out of hole with tubing, packer and RBP fitting tool. RBP still in hole.
Shut down overnight.

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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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NAVAJO "AC" #1 (3 Days) APACHE COUNTY, ARIZONA
Projected TD 6500' (Mesa Drillers)
July 4, 1973

Drlg. 666', Sand & Sh. Bit #1, 7-7/8", J-22, 535', 131' in 1-3/4 Hrs.
Bit Weight 10 to 25,000 lbs. RPM 56, Pump Pressure 100, Drlg. w/water,
1-3/4 Hrs. Drlg., 3 Hrs. running casing and cementing same. 17-3/4 Hrs.
WOC, 1-1/2 Hrs. drlg. 90' Hard Cement.

CASING REPORT:

Ran 12 Joints of 8-5/8", 24 lbs. used casing. Total 506'. Set 13' below
RDB. Setting depth 519'. Cemented with 275 Sacks of regular cement, 3% cc.
Plugged down at 9 a.m. 7/3/73. Cement circulated.

July 5, 1973

Drlg. 1733', Sand & Sh., Bit #1, 7-7/8, J-22, In 535', Still Drlg.
1198' in 25-1/2 Hrs., Bit Weight 30,000 lbs., RPM 62, Pressure 600,
Drlg. with water. 24 Hrs. Drlg.

NAVAJO "O" #1 (23 Days)

Aztec Well Services

TD 3950'

July 4, 1973 - Shut down for Holiday

July 5, 1973 (24 Days)

Moving out rotary rig; moving in Aztec Pulling Unit #65 for completion.

NAVAJO "M" #1 (101 Days)

TD 5832'

July 4, 1973 - SITP 1100, flowed gas heads off in 30 minutes. Flowed load
water and oil to test tank for 3 hrs. SI 2 Hrs. [Hooked up test separator.
Produced gas at undetermined rate plus 30 bbls of fluid in 2 hrs. Oil cut
50 to 70%. Shut in overnight.]

July 5th 1973 (102 days) - SITP 1400. Flowed gas head off in 1/2 Hr.
Produced 130 bbls. of fluid in 8 hrs. 50 to 70% oil cut. Flowing by heads.
Flowing tubing pressure 50 to 300 lbs. Est. gas rate 200 mcf per day.

NAVAJO "C" #1 (75 Days) TD6534'

July 5, 1973

SITP 1475

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

May 19, 1973
thru May 21, 1973
thru June 28, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

5832' TD

Shut in, waiting
for re-stimulation

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10A
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2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110

(505) 345-3507

May 17, 1973
& May 18, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

5832' TD

Checking Tubing and Casing
Pressure (periodically).

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May 16, 1973

DRILLING REPORT

NAVAJO "M" #1
5832' TD

12 day shut-in. Tubing pressure
Found wing valve leaking and gas
pressure on annulus. Open tubing
to flow to pit 3:20 p.m. Flowed
down to zero in 20 min. Then well
kicked off and flowed small amount
of gas plus 10 bbls. of treated
load water. Gas increased and
water decreased next 10 minutes.
7:00 well flowing small volume of
gas plus spray of oil and small stream
of clear water. Cut 2 to 4% of oil.
Left flowing overnight on 3/4" choke.

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May 15, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

5832' TD

Found well nearly dead.
Making TSTM, Volume of
gas. Pressure still on
annulus indicating that
packer and tubing are
O.K. but Packer has been
set between perms. Blew
annulus for 10 mins. Did
not blow down. Shut in
casing and tubing 6:00p.m.

May 16, 1973
7:00 p.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

5832' TD

Shut in tubing pressure,
880#. Shut in Casing
pressure, 950#.

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May 11, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

Shut in, waiting on orders.

5832' TD

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GEOLOGY SECTION

W JNC
JRS
EAK

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

May 4, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
5832' TD

Shut in, waiting on orders.

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

May 1, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

Last 17-1/2 hrs. flowed
19 bbls fluid, ~~oil~~
oil cut. Measured gas
rate at ~~2.5 mscf/day~~.
Still slugging load water
with some oil. Rigged up
Western Company pump truck
and killed well down tubing.
Preped to run completion packer
and cast iron bridge plug.

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Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

0-C-14-20-4109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

American Fuels Corp.

9. WELL NO.

Navajo "M" #1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

T41N, R30E, G.&S.R.M.
SE/4 SW/4 Sec. 16

12. COUNTY OR PARISH 13. STATE

Apache Arizona

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

American Fuels Corporation

3. ADDRESS OF OPERATOR

2921 Carlisle, 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

645 ft. from the So. line and 1775 ft.
from West line. SESW Section 16, T41N, R30E.
G. & S.R.M.

14. PERMIT NO.

609 (Arizona)

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

5104' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) *

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.)*

PRODUCTION PIPE April 17, 1973

* Ran 61 Joints of 17 lbs. of LTC. Ran 81 joints of 15-1/2 lbs. of ST&C. Set at 5832'. Cemented with 220 sacks Class "C" cement.

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MAY 03 1973

O & G CONS. COMM.

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

SIGNED

(This space for Federal or State office use)

TITLE Agent

DATE 5/1/73

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
0-C-14-20-4109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Amerada (Am. Fuels)

9. WELL NO.
Navajo "M" #1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
T41N, R30E, G.&S.R.M.
SE/4 SW/4 Sec. 16

12. COUNTY OR PARTIAL 13. STATE
Apache Arizona

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
American Fuels Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
645 ft. from the So. line and 1775 ft. from West line. SESW Section 16, T41N, R30E, G. & S.R.M.

14. PERMIT NO.
609 (Arizona)

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5104' GR

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

NOTICE OF INTENTION TO:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) *

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

SUBSEQUENT REPORT OF:
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.)

DRILL STEM TESTS:

4/8/73 Test No. 1 Tested Interval 4900'-4955', Going in hole, had to spud throughout tight hole. No gas to surface. Opened tool for 20 min. first flow with a good blow. Closed tool for 65 min. first closed in pressure. Reopened tool for 120 min. second flow with a good blow. Tool slide down hole approx. 5' when tool open for second time. no gas to surface. Closed tool for 60 min. second closed in pressure. 15' perforations above 30' drill collar 10' perforation below.

4/9/73 Test No. 2 Tested Interval 4999'-5051', Opened tool for 10 min. first flow with a good blow, increased to a strong blow @10:27 open to flow line on 1/2" choke @10:30-Gas to surface @10:32. Closed tool for 61 min. first closed in pressure. Reopened tool for 88 minute second flow @ 11:35 on 1/2" choke with 40#, 25 lbs. @ 11:50 on 1/2" choke, 20# @ 12:05 on 1/2" choke. Mud to surface. Open to 3/4" choke @ 12:25-Salt water @ 12:35. Closed tool for 61 min. second closed in pressure.

4/12/73 Test No. 3 Tested Interval 5412'-5462', Tool opened with a fair blow - increasing to a good blow for a 16 minute first flow. Gas to the surface in 15 min. Closed tool for a 58 min. first closed in pressure. Tool reopened with a strong blow-making approx. 15 MCF through a 1/2" choke for 10 mn. - then died down. Unable to read. Closed tool for a 61 min. second closed in pressure. CHARTS INDICATE PARTIAL PLUGGING OF THE TOOLS DURING THE INITIAL FLOW.

SIGNED [Signature] TITLE Agent DATE 4/30/73 FLOW.

(This space for Federal or State office use)

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

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*See Instructions on Reverse Side

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

April 30, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

12 hrs shut in ~~tubing pres-~~
~~sure 850~~ Opened to flow to
pit, recovering load water
and appreciable volume of gas.
Oil cut 1 to 2%. Measured gas
1:30 p.m., ~~578 MCF per day~~
(PITOT) Flowing light green
oil plus occasional slugs of
load water. 2:00 p.m. gas
measurement ~~457~~ ~~up to 946~~ MCF
per day. Tied into test tank
to flow on 3/4 choke overnight.

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

April 29, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

Overnight Casing pressure
100 lbs. Went in hole with
redressed Packer and RBP. Set
[REDACTED] Spotted acid
and [REDACTED]. Broke
down formation 3200. Acidize
all Perfs, 5448' to 5362' with
[REDACTED] gals 15% IEA using 12 Ball
Sealers in 3 stages. Fair ball
action. Min. treating pressure
1350; Max. treating pressure
3200'. Average 2800'. Average
treating rate 2.5 bbls. ISDP
200 lbs., 15 min. shut in pres-
sure 100 lbs. Opened Packer by
pass and reversed out acid from
annulus. Closed by pass. Well
kicked off and flowed lg. volumes
of gas plus underdetermined amount
of load water. Shut down over-
night.

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

April 28, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832 TD

~~Came out of hole with packer~~
~~and RBP.~~ Rigged up Schlumber-
ger wire line and perforated
upper and lower Hermosa for-
mation with one shot at each
of: ~~5748, 46, 44, 42, 05, 01,~~
~~599, 94, 92, 90, 71, 69, 67,~~
~~64, 62.~~ A total of 15 shots
~~over 86'~~ interval using 0.50
inch hyperjet casing gun. Pick-
ed up RBP in packer and attempt-
ed to go in hole. Packer mal-
function. Came out of hole with
tools. Shut down overnight.

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

April 27, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

Rigged up Schlumberger wire line unit and ~~perforated~~ one shot at each of: ~~5620, 20,~~ ~~16~~ using hyper-jet "0.50" casing gun. 3Hrs. went in hole with Baker RBP and Model "R" Packer. ~~Set RBP at 5050 KB~~ and spotted acid. Set ~~RBP at 5050 KB~~ Starting Pumping and immediately circulated. Pulled 1 joint and reset ~~Packer at 5050 KB~~ (later determined error in tubing talley). The above depths were 31' deeper. Acidized breakdown pressure 3400. Broke to 3000 lbs. at 2-1/2 bbls per minute. Increased pressure to 4000 lbs. Rate decreased at last. ISDP 3300 lbs. 15 Min shut in pressure 2150. Flowed back to pit. Swabbed down in 30 Min. Slight show acid gas. Waited 30 min, found 300' fluid in hole. Waited 30 min., found 150' fluid in hole. Shut down overnight.

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AMERICAN FUELS CORPORATION
2921 Carlisle Blvd., N.E. • Albuquerque, New Mexico 87110
(505) 345-3507
April 26, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

Moving in and rigging
up Completion Unit.

WR
530
530
730
B
= 1/2
7/8

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APR 30 1973

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W A

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

April 25, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
5832' TD

Set guyline anchors.
Prep to move in Comp-
letion Unit.

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

April 19, 1973
April 20, 1973

DAILY DRILLING REPORT

NAVAJO "M" #1

5832' TD
Mesa Drillers

Waiting to Log

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APR 23 1973
O & G CONS. COMM.

WPA

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

April 18, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
5832' TD
Mesa Drillers

Rig torn down, repairing
rotary table. Won't be
finished until 4/19/73.
Waiting on cement and pre-
paring to run cased hole
logs.

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APR 23 1973
O & G CONS. COMM.

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

April 17, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Present Operation: WOC
1-1/2 Hrs. rig up loggers.
Log would not go. 2 hrs.
trip. 2 Hrs. condition
hole. 4 Hrs. Lay down
drill pipe and collars.
1-1/2 Hrs. rig up to run
5-1/2 Casing. 4-1/2 Hrs.
run 5-1/2 Casing. 1 Hr.
circulate casing. 1-1/2
Hrs. cement casing. 6 Hrs.
finish cementing 5-1/2
casing. Wait on cement.
Ran 61 joints of 17 lbs.
of LTC. Ran 81 joints
of 15-1/2 lbs. of ST&C
Set at 5832'. Cemented
w/220 sacks Class "C"
cement.

Further Testing from April 16, 1973

Attempted to run open hole log. Couldn't get past 2400'. Went in hole w/bit, collars, and drill pipe. Circulated to TD. Circulated 2 Hrs. and came out of hole laying down drill collars and drill pipe. Ran guide shoe 2 joints (63.16 ft.) of 5-1/2" 15 lbs. per ft. J-55 used casing. Insert float collar 83 joints 15-1/2 lbs. per ft. J-55 used casing (2952.06 ft.) 73 joints 17 lbs. per ft. J-55 used casing (2805.94 ft.) Set at 5832' KB. Flushed w/100 bbls. synthetic brine, followed by 500 gals. of HOWCO flood flush. Used 7 centralizers, 1 on every 3rd collar from bottom. Cemented w/120 sacks class "C" with 18 lbs. per sack salt plus 4% Jell followed by 100 sacks class "C" with 18 lbs. per sack salt plus 2% Jell. Displaced second plug w/salt water and bumped plug to 1000 lbs., held OK. Shut in holding 500 lbs., WOC.

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WPA

A M E R I C A N F U E L S C O R P O R A T I O N

2917 Carlisle Blvd. NE., Albuquerque, New Mexico 87110
(505) 345-3507

April 16, 1973
6:00 a.m.

Daily Drilling Report

NAVAJO "M" #1

6300' TD
Mesa Drillers

Rigging to Log - Log wouldn't
go. Depth 5830' Vis 200
MW 10.4 WL 3.2 Ph 11.0
Salt 1500. 6-1/2 Hrs. Trip
8-3/4 Hrs. condition mud
to log. 2-1/4 Hrs. rig up
to log. Stopped 2336'. 6-1/2
Hrs. clean out contaminated
mud and bridges. Total Hrs. 24.

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WA

A M E R I C A N F U E L S C O R P O R A T I O N

2917 Carlisle Blvd. NE., Albuquerque, New Mexico 87110
(505) 345-3507

April 15, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Present operation: Washing
out bridge at 2378'. Depth
5830'. Survey 1-1/4^o 5830'
Bit #5 7-7/8 J-44 5462'
out 5830'. 368' in 44-3/4
Hrs., Vis 80 MW 9.6 WL
3.2 Ph 11.0 Salt 1500.
9-1/4 Hrs. Drlg., 4-1/2 Hrs.
trip, 1-1/4 logging. Would
not go. Bridge at 2130'.
7 Hrs. washing bridge out
from 2330' to 2378'.

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APR 18 1973

O & G CONS. COMM.

AMERICAN FUELS CORPORATION
2917 Carlisle Blvd. N.E., Albuquerque, New Mexico 87110
(505) 345-3507
April 13, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Drlg. 5561'. Lime & Sh.
No Dev. Bit #5 7-7/8
J-44 5462' Drlg. 5561'
99' in 11-3/4 Hrs. Vis. 9.4
MW 9.8 WL 7.2 Ph 12.0
Salt 1100 11-3/4 Hrs. Drlg.
5-1/4 trip 1/2 Hr. plug bit
and wash 12 ft. to bottom
1/2 Hr. circulate gas, cut
mud. 4-1/4 Hr. test DST #3
1-1/4 Hrs. Broke out and
load out test tool.

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APR 13 1973
O & G CONS. COMM.

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

April 12, 1973

6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Present Operation: Going in
hole for DST #3. Depth 5462'
Lime & Sh. Survey 1-1/4" at
5462' Bit #4 7-7/8 F-5
in 4120'. 1342' 153 hrs.
Vs. 52 MW 9.7 WL 7.2
Ph 12.0 Salt 1100 18-1/2
Drlg. 2-1/2 hrs. tripping
2 hrs. Circulate & condition
hole. 1 hr. pick up test tool.

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APR 16 1973

O & G CONS. COMM.

WELL SITE CHECK

By W.C.Q.

Date 4-11-73

Contractor NRSG Drillers

Person(s) Contacted _____

Spud Date 3-27-73

Type Rig National Rotary Cable

Present Operations Drilling

Samples Yes (10 Ft)

@ 5376

Pipe 8 5/8 @ 355'

Drilling with Mud Air

Water Zones _____

Size Hole 6 3/4

Lost Circ. Zones _____

Size Drill Pipe 3 1/2

Formation Tops _____

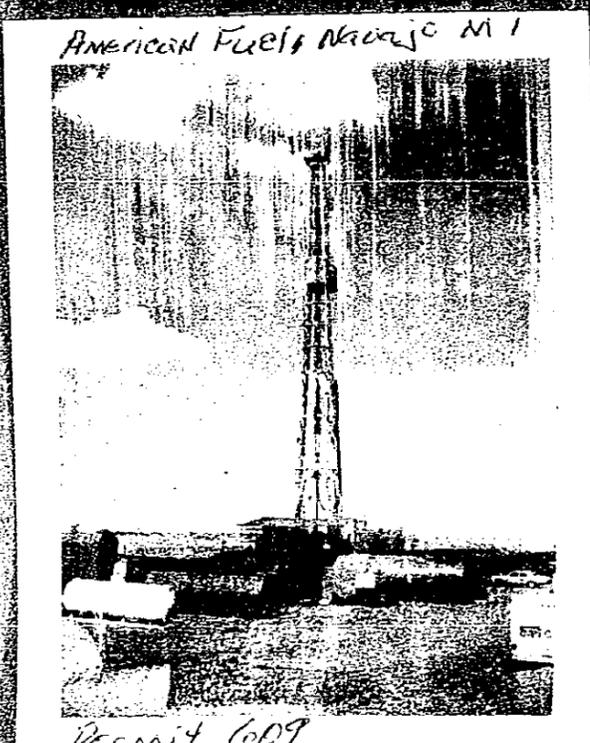
Type Bit _____

Cores, Logs, DST _____

No. Bit _____ Drilling Rate _____

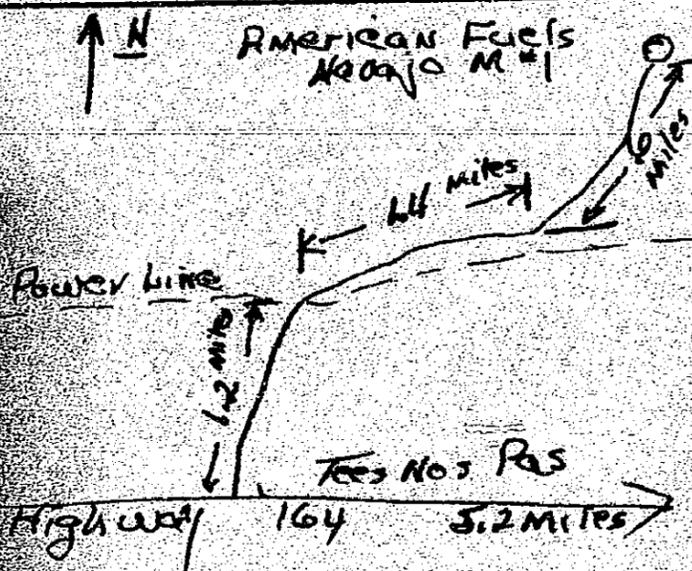
Formation _____

Lithology _____



American Fuels Navajo M 1

Permit 609



Permit No. 609
Confidential Yes No

wa

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

April 11, 1973

6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg. 5314' Lime, Sh. &
Anahybrite Bit #4 7-7/8
F-5 4120' Still drlg. 1194'
in 139-1/2 hrs. Vis 47
MW 9.7 WL 2.0 Ph 10.0
Salt 1200 23-3/4 hrs. Drlg.
1/4 hr. rig sv.

DST No. 2 5000' to 5051' - Lower Ismay

1st { IHH 2543.3
IFP 587.1
FFP 692.6 118°F
1st SIP 1830.2

2nd { IFP 560.7
FFP 1379.6
2nd SIP 1777.1

FHH 2517.0

Preflow 10", ISI-1 hr., TO-1-1/2 hrs., FSI-1 hr.

1st Flow 10 min. Opened w/good blow increased to strong in 2 mins.,
Opened to flow line on 1/2" choke in 5 mins.,
GTS in 7 mins. Burned with 15 foot flame on 2"
flow line.

2nd Flow Gauged 250,000 CFGD at flow line on 1/2" choke,
gradually decreased until mud to surface in 50 mins.
and salt water to surface in 1 hr. Flowed gas and
salt water to end of period. Recovered 3814' highly
gas cut salt water. No OIL.

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APR 12 1973

O & G CONS. COMM.

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

April 10, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Drlg. 5131' Lime & Sh.
No Dev. Bit #4 7-7/8
F-5 4120' Drlg. 5131'
1011' 115-3/4 hrs. Vis.
52 MW 9.8 WL 2.0 PH 10.0
Salt 1100 9-3/4 Hrs. Drlg.
8 Hrs. trip 3/4 hr. pick up
and make up test tool
3-3/4 hrs. testing, 1 hr.
tear down, lay down, and
load out test tool. 3/4 hr.
wash 25' back to bottom..

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APR 11 1973

O & G Cons. Comd.

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

April 9, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Trip DST #2 5051' Lime & Sh.
Bit #4 7-7/8 F-5 4120' 5051'
931' in 106 hrs. Vis. 58 MW 9.8
WL 6.0 Ph 10.0 Salt 1100 11 hrs.
Drlg. 6-3/4 hrs. trip 2 hrs.
circulate and condition. 2-1/2
hrs. testing w/DST #1 3/4 hrs.
breakdown & load out. Test tool
check VOP 3/4 hrs. unplug bit
1/4 hrs. wash back to bottom.

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APR 10 1973

O & G CONS. COMM.

WA
AB

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

April 8, 1973
6:00 a.m.

Daily Drilling Report

NAVAJO "M" #1

6300' TD
Mesa Drillers

Testing 4955' Lime & Sh.
Dev. 1-1/4 4955' Bit #4
7-7/8 F-5 4920' 4955'
855' 95 hrs. Vis 55 MW 9.8
WL 6.0 Ph 10.0 Salt 1100
11-1/2 hrs. Drlg. 6-1/2 hr.
trip 1/4 Survey 1/4 rig Sv.
3-1/4 circulate and condition
hole for DST #1 2-1/4 hrs.
testing.

Initial flow for 20 min. 81.1 lbs..
Initial shut in pressure 1 hr. 5 min. 486.5 lbs..
2 hrs. flow period; initial flow & final flow 108 lbs.
Good blow thru out test.
No gas to surface. Recovered 100' of slightly gas cut mud.
1 hr. shut in pressure 405.4 lbs. Hydrostatic pressure in
& out. 2509.0 lbs.. Bottom chart plugged. All readings
from top chart.

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APR 10 1973

O & G CONS. COMM.

W.H.
9/23

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

April 6, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg. 4688'. Lime & Sh.
Dv. 1-3/4 at 4500' Bit #4
7-7/8 F-5 4120' 568'
in 59-3/4 hrs. Vis 36
MW 9.4 WL 5.0 Ph 7.6
Salt 1000. 23-1/2 hrs.
Drlg. 1/2 hr. rg. sv.
Check VOP.

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O & G CONS. COMM.

WA

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

April 5, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

Mesa Drillers
6300' TD

Drlg. 4475' Lime & Sh.
Bit #4 7-7/8 F-5 in
4120' 355' in 36-1/4 hrs.
Vis 33 MW 9.4 WL 12.4
Ph 7.8 Salt 1000
23-3/4 Hrs. Drlg. 1/4 hr.
rig Sv.

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

April 4, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg 4242'. Lime & Sh.
No Dv. Bit #3 7-7/8
F-3 in 2011' out 4120'
1409' in 80-1/2 hrs.
Bit #4 7-7/8 F-5 in 4120'
122' 12-1/2 hrs. Vis. 33
MW 9.4 WL 26.4 Ph 6.0
Salt 1000. 19-1/4 Hrs. Drlg.
3-1/4 Trips 1/2 hr. Rig Sv.
Check VOP, clean pit 1/2 hr.
ream and wash 30' back to
bottom 1/2 hr. changed
rotary sprocket.

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APR 09 1973

O & G CONS. COMM.

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

April 3, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg 4037' sh. 1-3/4"
@ 3725' Bit #3 7-7/8
X-3 in 2711' for 1326'
in 73-3/4 hrs. Vis 33.
MW 9.4. WL 18.5 Ph 6.0
Salt 1100. 23-3/4 hrs.
drlg. 1/4 hr. survey.
1/4 hr. rig Sv.

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APR 04 1973

O & G CONS. COMM.

WY

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

April 2, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Drlg 3670' sh. Bit #3
X-3 in 2711' for 959' and
50 hrs. Vis 34. MW9.3.
WL 6.4. Ph 9.0. Salt 1000.
20 3/4 Hrs. drlg. 1/4 hr
Rig Sv. 3 hrs. repair

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APR 03 1973

O & G CONS. COMM.

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

April 1, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1

6300' TD
Mesa Drillers

Drlg 3332'. sd and sh
Bit #3 7-7/8" X-3 in
2711' for 621' and 29-1/4
hrs. Vis 33. MW 9.3
WL 6.4 Ph 9.0. Salt 2000.
23-3/4 hrs. drlg. 1/4 hr.
Rig Sv. 3 hrs. Clean #1 and
#2 Pits.

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APR 02 1973

O & G CONS. COMM.

WPA

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

March 30, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg 2009'. sd & sh.
Dev survey 1 $\frac{1}{2}$ @ 750'.
1-1/4" @ 1265'. 1-1/2" @ 1657'. Bit #1 7-7/8"
X-3 in @ 337' drld 1636'
for 27 hrs. Drlg w/water & Benex. 23-1/4 hrs drlg.
1/2 hr survey. 1/4 hr rig sv.

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APR 02 1973

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Wk

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

March 29, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M" #1
6300' TD
Mesa Drillers

Drlg 700' sd sh dev 3/4°
@ 373'. Bit #1 7-7/8"
X-3. Drlg w/water Benex.
Set 11 jts 8-5/8" 24#
J-55-A. 352' Set 13
below RDB. Setting depth
355'. 60 sx class "A" 6%
gel w/1 lb flo cel p/sk.
50 sx class "C" 2% calc
chloride. TD 10 a.m.
4-1/4 hrs drlg, 1/4 hr
trip 3-9" collars, 1-3/4
hr rig-up run casing,
15 hrs nipple-up WOC,
3/4 hr circ prior to run
casing, 1 hr drlg 45' cement.

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APR 02 1973

O & G CONS. COMM.

WA

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

March 28, 1973
6:00 a.m.

DAILY DRILLING REPORT

NAVAJO "M"
6300' TD
Mesa Drillers

Drlg @ 373', sd, sh.
Bit #1 11" Hughes OSC3.
0' - 373' 10 hrs. Spud
mud. 10 hrs drlg time.
4 hrs rat hole. 9 hrs
Rig-up.

Spud time 8:00 p.m.
3-27-73

RECEIVED
MAY 28 1973
O & G CONS. COMM.

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

AMERICAN FUELS CORPORATION

NAME OF COMPANY OR OPERATOR

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

Mesa Drillers

Drilling Contractor
 P. O. Box 108, Lubbock, Texas 79408
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Navajo 0-C-14-20-4109	Well number Navajo "M" #1	Elevation (ground) 5104
Nearest distance from proposed location to property or lease line: 645 feet FSL - 1775 feet FWL feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: NA feet	
Number of acres in lease: 2560 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: NA	Name	Address
Well location (give footage from section lines) NA	Section—township—range or block and survey Sec 16, T41N, R30E G&SRM	Dedication (Comply with Rule 105) E/2 SW/4
Field and reservoir (if wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office: 3 Miles NW Teec Nos Pos		
Proposed depth: 6300' Devonian	Rotary or cable tools Rotary	Approx. date work will start March 25, 1973
Bond Status Cash Amount 75,000.00	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:

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

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MAR 25 1973

O & G CONS. COMM.

[Signature]
Signature

March 20, 1973
Date

Permit Number: **609**
 Approval Date: **3-26-73**
 Approved By: *[Signature]*
 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Application to Drill or Re-enter
 File Two Copies
 Form No. 3

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

Owner	Land Description				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; height: 100px;"></td> </tr> </table>					<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name C. R. Robinson</p> <p>Position Secretary</p> <p>Company American Fuels Corporation</p> <p>Date March 20, 1973</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"OD	24# 8RD3	ST & C	Circ.	200'	200'	225 SX

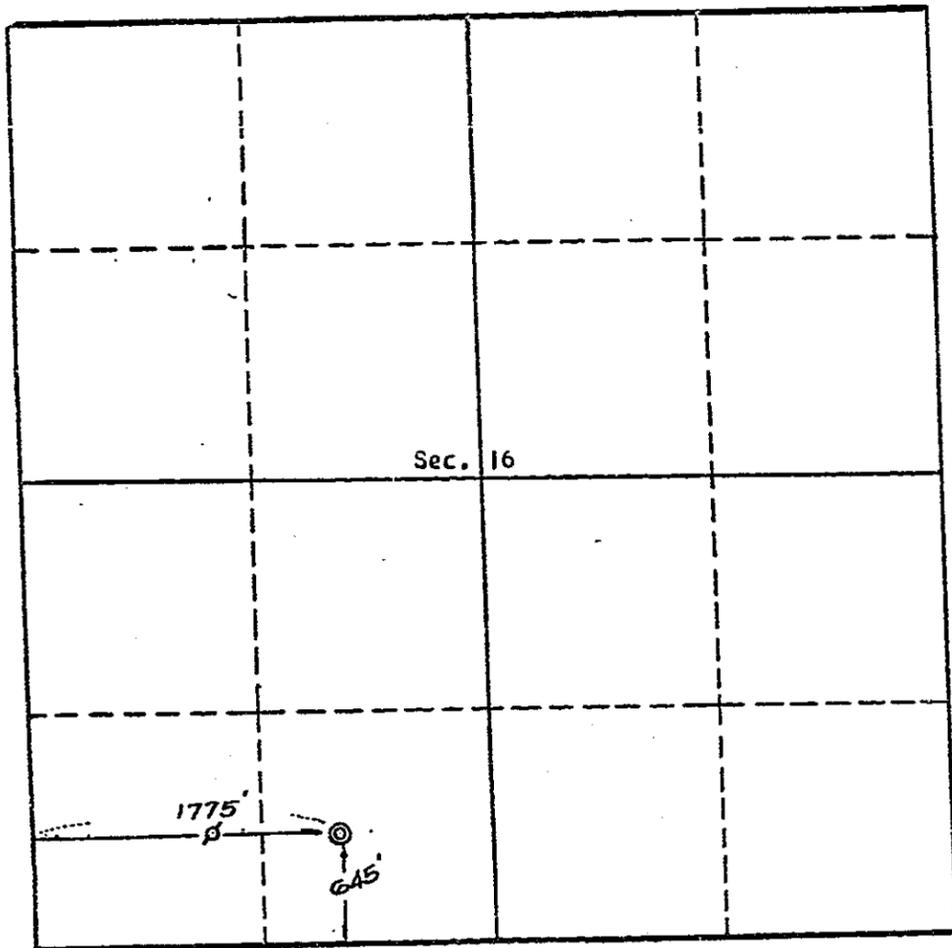
Company American Fuels Corporation

Well Name & No. Navajo "M" #1

Location 645 feet from the South line and 1775 feet from the West line.

Sec. 16, T. 41 N., R. 30 E., G. & S. R. M., County Apache, Arizona

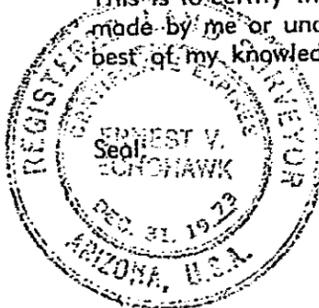
Ground Elevation 5104 EOC



Scale, 1 inch = 1,000 feet

Surveyed March 18, 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.



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

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MAR 25 1973

O & G CONS. COMM.

609



PERMIT TO DRILL

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

To: AMERICAN FUELS CORPORATION
(OPERATOR)

to drill a well to be known as

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

located 645' PSL - 1775' FWL

Section 16 Township 41N Range 30E, Apache County, Arizona.

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

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

Issued this 20th day of March, 1973.

OIL AND GAS CONSERVATION COMMISSION

By W. B. [Signature]
EXECUTIVE SECRETARY

PERMIT No. 609

RECEIPT NO. 2949
API NO. 02-001-20183

SAMPLES ARE REQUIRED

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

Jennie Deden Behles, J.D.
Attorney At Law
Specializing in Bankruptcy Law

Linda S. Bloom, J.D.
Attorney At Law

December 20, 1978

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

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DEC 26 1978

D & B CONS. COMM.

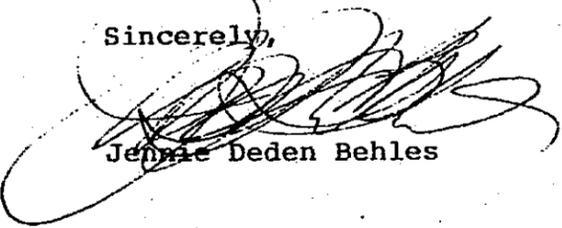
Oil and Gas Conservation Commission
State of Arizona
Attn: W. E. Allen
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

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

Dear Mr. Allen:

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

Sincerely,


Jennie Deden Behles

mjs

~~608~~
409

Jennie Deden Behles, J.D.

Attorney At Law
Specializing in Bankruptcy Law

Linda S. Bloom, J.D.

Attorney At Law

December 20, 1978

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

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DEC 26 1978

D & B CONS. COMM.

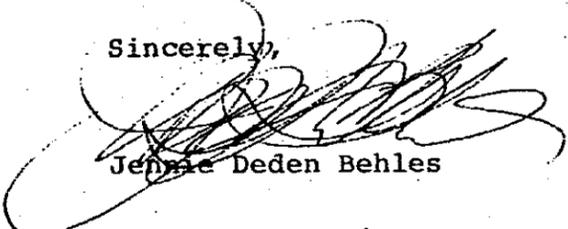
Oil and Gas Conservation Commission
State of Arizona ..
Attn: W. E. Allen
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

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

Dear Mr. Allen:

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

Sincerely,


Jennie Deden Behles

mjs

~~608~~
409

Jennie Deden Behles, J.D.
Attorney At Law
Specializing in Bankruptcy Law

Linda S. Bloom, J.D.
Attorney At Law

December 20, 1978

1912 American Bank of Commerce Complex
200 Lomas, N.W.
Albuquerque, New Mexico 87102
Telephone (505) 243-9756

RECEIVED

DEC 20 1978

D & G CONS. COMM.

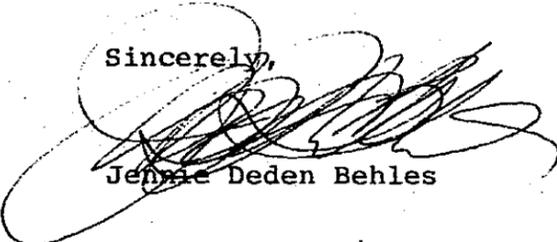
Oil and Gas Conservation Commission
State of Arizona
Attn: W. E. Allen
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

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

~~408~~
409



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



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

609

SMILEY PROFESSIONAL ASSOCIATION

Attorneys at Law

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

July 8, 1975

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

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

NOTICE TO CREDITORS AND STOCKHOLDERS OF AMERICAN FUELS CORPORATION:

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

Dear Sirs:

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

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

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

RECEIVED

JUL 2 1975

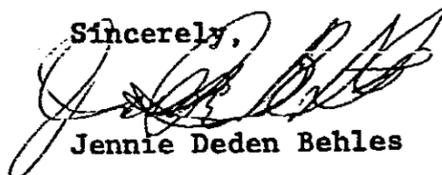
O & G CONS. COMM.

609

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

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

Sincerely,



Jennie Deden Behles

JDB:ng



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

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

March 28, 1975

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

Re: American Fuels Corporation Samples

Dear Mrs. Ratcliff:

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

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

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

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

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/rlb

Four Corners Sample Cut Association

March 24, 1975

A Non-Profit Organization

Date

P. O. BOX 899
FARMINGTON, NEW MEXICO 87401

Office: 641 West Broadway
Phone: 325-9232

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

STATEMENT

No.

No.

Operator	Well	Feet Cut	Date	No Sample	@	Total
Am Fuels	#1 Nav. O	1163-3950		306	.10	30.60
Am Fuels	#1 Nav. O	1163-3950		306	.10	30.60
Am Fuels	#1 Nav. E	310-7635		701	.10	70.10
Am Fuels	#1 Nav. E	310-7635		701	.10	70.10
Am Fuels	#1 Nav. C	370-6535		702	.10	70.20
Am Fuels	#1 Nav. C	370-6535		702	.10	70.20
Am Fuels	#1 Nav. B	10-5865		589	.10	58.90
Am Fuels	#1 Nav. B	10-5865		589	.10	58.90
Am Fuels	#1 Nav. A c	530-6160		604	.10	60.40
Am Fuels	#1 Nav. A c	530-6160		604	.10	60.40
						580.40
Freight on above wells to Phoenix & Tucson 24.90						24.90
Total						<u>\$605.30</u>

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



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
125 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 17 1974

O & G CONS. COMM.

December 16, 1974

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

Dear Mr. Strickland:

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

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

Please return these logs as soon as possible.

Very truly yours,

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

/rbb

Encs.

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 234-4321

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

MIDLAND, TEXAS

DAVID CLARK
105 WEST WALL
PHONE 482-0581

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 CONS. COMM.



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

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

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 unto 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., #6126-74

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.



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

WPA



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 Sec 21-T40N-R29E Apache County, Permit #559
Cities Service Monsanto C-1 Navajo Sec 16-T40N-R29E 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/rfb

APPROVED

By *W. E. Allen*

Date *April 12, 1974*

RECEIVED

MAY 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

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 26, 1974

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

Re: March Current File Material

Dear Kay:

Enclosed you will find the following current material for March:

Data - Completion and miscellaneous reports on Eastern Merde
Indian No. 1, Permit #592

Completion and miscellaneous reports on Eastern Beacon
Santa Fe 1, Permit #600

Completion and miscellaneous reports on Humble State (32)
No. 1, Permit #597

Completion and miscellaneous reports on Kerr-McGee Navajo
#17, Permit #618

Drill Stem Test on American Fuels Navajo "M#1", Permit #609

Drill Stem Test on American Fuels Navajo "B#1", Permit #608

Logs - Compensated Formation Density Log and Induction Electrical
Log on Kerr-McGee Navajo #17, Permit #618

Induction-Electrical Log, Borehole Comp. Sonic Log--Gamma Ray
(with caliper), Comp. Neutron-Formation Density Log, Dual
Induction-Laterolog, Borehole Comp. Sonic Log-Gamma Ray,
Comp. Formation Density Log, Comp. Neutron Log, Mud Log
and Sample Log on Humble State (32) no. 1, Permit #597

Very truly yours,

Rhema Brandt

rlb

Encs.

W4

American Fuels Corporation

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

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

March 20, 1974

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

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

Dear Sir:

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

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

Very truly yours,

Barbara Cunningham
Barbara Cunningham
Secretary to C. R. Robinson

BAC/s

RECEIVED

MAR 22 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

March 13, 1974

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

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

Dear Ms. Cunningham:

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

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

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

American Fuels Corporation

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

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

March 12, 1974

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

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

Dear Sir:

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

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

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

Very truly yours,


Barbara Cunningham
Secretary to C. R. Robinson

BAC/s

RECEIVED

Mar 12, 1974

228 013 0000



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

March 6, 1974

Mr. George Olds
Clinton Oil Company
P. O. Box 1201
Wichita, Kansas 67202

Dear Mr. Olds:

We are enclosing the log on the American Fuels Navajo "M"
No. 1 that we discussed this morning.

It will be appreciated if you return this log as quickly
as possible.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Enc.

Received log back 3-14-74

WA

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.

Resolving ... 2. 15 1974

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/rfb

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 5396
Midland, Texas 79701

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

Dear Mr. Curry:

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

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

Your cooperation in this matter will be appreciated.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

cc - American Fuels
Albuquerque



OFFICE OF
Oil and Gas Conservation Commission

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

October 25, 1973

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

Re: Am. Fuels Navajo AC-1 NE/NE Sec 17-T40N-R29E Apache County Permit No. 615	Am. Fuels Navajo E-1 SE/SW Sec 31-T41N-R28E Apache County Permit No. 613	Am. Fuels Navajo C-1 SW/SW Sec 6-T40N-R29E Apache County Permit No. 610
Am. Fuels Navajo B-1 SE/SW Sec 9-T40N-R29E Apache County Permit No. 605	Am. Fuels Navajo O-1 NE/NW Sec 3-T36N-R25E 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

23 Oct 73

MAX E. CURRY
DAROYL R. CURRY

Re: Your letter of 2 Oct 73 to Ms. Nita Macaw
Nave to "M" well no. 1, SE/SW 16-41-30
AMERICAN FUELS CORPORATION
Apache County, Arizona

Mr. W. E. Allen, Director
Enforcement Section
OIL AND GAS CONSERVATION COMMISSION
State of Arizona
4515 N. Seventh Ave.
Phoenix, Arizona

Dear Sir:

The subject well has been temporarily abandoned while the AMERICAN FUELS CORPORATION's geological staff is doing an extensive study in the area. If this study warrants additional completion work 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

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
Nava to "M" well no. 1, SE/SW 16-41-30
AMERICAN FUELS CORPORATION
Apache County, Arizona

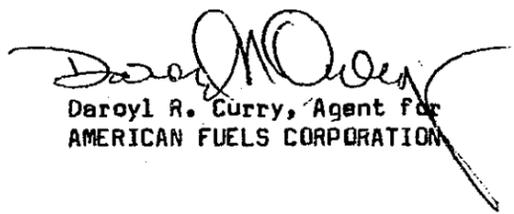
Mr. W. E. Allen, Director
Enforcement Section
OIL AND GAS CONSERVATION COMMISSION
State of Arizona
4515 N. Seventh Ave.
Phoenix, Arizona

Dear Sir:

The subject well has been temporarily abandoned while the AMERICAN FUELS CORPORATION's geological staff is doing an extensive study in the area. If this study warrants additional completion work 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

cc: Carl Robinson

RECEIVED

OCT 24 1973

O & G CON. COMM.

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.

WA
RESIDENCE PHONE: 325-2188
Area Code 503

Mailing Address:
P. O. Box 94
FARMINGTON, NEW MEXICO 87401

HAROLD H. BROWN

Consultant in Petroleum Geology

OFFICE PHONE: 325-4900 • PETROLEUM PLAZA BLDG.
FARMINGTON, NEW MEXICO 87401

July 27, 1973

Mr. W. E. Allen
Oil & Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Attached is a list of formation tops for ^{some of} the various wells drilled to date by American Fuels Corporation in the state of Arizona.

Very truly yours,

Harold H. Brown

Harold H. Brown

HHE/sj

RECEIVED

AUG 03 1973

O & G CONS. COMM.



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

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/rlb

Encs.



OFFICE OF
Oil and Gas Conservation Commission

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

July 17, 1973

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

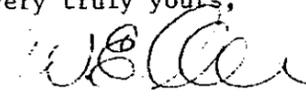
Dear Mr. Robinson:

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

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

This information will be appreciated.

Very truly yours,


W. E. Allen, Director
Enforcement Section

WEA/r1b

American Fuels Corporation

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

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

June 3, 1973

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

Dear Mr. Bannister:

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

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

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

Sincerely,

Jack H. Evans

Jack H. Evans
Secretary-Treasurer

RECEIVED

JUN 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.

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

May 2, 1973

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

Dear Sir:

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

Yours truly,

J. H. Bannister
AMERICAN FUELS CORPORATION

Correct Incorrect
(If incorrect, please explain difference)

Signature John Bannister - Exec. Sec.

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA
4515 NORTH AVE.
PHOENIX, ARIZONA 85013



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

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

April 24, 1973

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

Re: American Fuels Wells - Apache County

Dear Mr. Robinson:

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

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

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

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

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

W

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

April 9, 1973

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

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

Gentlemen:

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

Thank you for your assistance.

Yours very truly,

Nita I. Macaw

Nita I. Macaw
Secretary to
C. R. Robinson

nim

RECEIVED

APR 14 1973

O & G CONS. COMM.

sent

March 26, 1973

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

Re: American Fuels Corporation Navajo "M" #1
SE/SW Sec 16-T41N-R30E
Apache County
File No. 609

Dear Mrs. Ratcliff:

The above referenced permit was issued March 26, 1973.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

March 26, 1973

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

Dear Mr. Getscher:

The following permit was issued March 26, 1973.

American Fuels Corporation Navajo "M" #1
SE/SW Sec 16-T41N-R30E
Apache County
File No. 609

The proposed total depth is 6300' and the elevation is 5104.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

March 26, 1973

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

Re: American Fuels Corporation Navajo "M" #1
SE/SW Sec 16-T41N-R30E
Apache County
File No. 609

Dear Mr. Robinson:

Enclosed please find Receipt No. 2949 covering the \$25 filing fee, a copy of your approved Application for Permit to Drill and Permit to Drill No. 609.

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

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Enc.