

# Subsequent Report of Abandonment

## FILE NOTATIONS

Entered in NID File

Entered On S R Sheet \_\_\_\_\_

Location Map Firmed

Card Indexed

I W R for State or Fee Land \_\_\_\_\_

Checked by Chief WJ

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 11-11-66

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 12-1-66

Electric Logs (No. ) 2

E \_\_\_\_\_ I \_\_\_\_\_ E-I \_\_\_\_\_ GRL end GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

Directional Log

2-19-92 JEC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
 P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2130' FSL, 2030' FEL, NW SE sec. 14  
 At proposed prod. zone      Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 25 miles South of Emery, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2030'  
 5890'

16. NO. OF ACRES IN LEASE  
 1840.00

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 -

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

19. PROPOSED DEPTH  
 4400'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 5971.00'

22. APPROX. DATE WORK WILL START\*  
 August 15, 1966

5. LEASE DESIGNATION AND SERIAL NO.  
 Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 -

7. UNIT AGREEMENT NAME  
 Desert Wash Unit

8. FARM OR LEASE NAME  
 Unit Well

9. WELL NO.  
 1-A

10. FIELD AND POOL, OR WILDCAT  
 Wildcat ADI 43-041

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 14-25S-5E., SLB&M 20120

12. COUNTY OR PARISH  
 Sevier

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48	327	325
9-7/8	7-5/8	26.4	2985	Sufficient
6-3/4	4-1/2	11.6	4400	Sufficient

We would like your permission to drill the subject well to an estimated depth of 4400'. Anticipated formation tops are as follows: Entrada at the surface, Carmal at 535', Glen Canyon Group at 1285', Chinle at 2755', Shinarump at 2885', Moenkopi at 2985', Sinbad Limestone at 3925', Lower Moenkopi at 4045' and Kaibab at 4195'.

We anticipate drilling with mud to approximately 2985' and then with air to total depth if practical.

Verbal approval to drill the subject well was granted by Mr. Smith of the U.S.G.S. and Mr. Feight of the Utah Oil & Gas Conservation Commission in a telephone conversation with Mr. Folsom on August 12, 1966.

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

24. SIGNED B. W. Croft Jr TITLE General Manager, Production and Transmission DATE August 16, 1966

(This space for Federal or State office use)

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE: 8-22-66 by D. W. Bushell CHIEF PETROLEUM ENGINEER

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT INPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**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 Wildcat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

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

2130' FSL, 2030' FEL, NW SE sec. 14

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

14. PERMIT NO.

-

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

GR 5971.00'

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

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)

Supplementary information

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.)\*

Depth 975', drilling.

Well spudded in on August 15, 1966. Landed 13-3/8", 48#, H-40, ST&C casing at 327' KBM and set with 325 sacks of regular cement treated with 500 pounds of calcium chloride, good returns while cementing and displacing.

Lost circulation between 490' to 500', lost all returns at 595' and drilled without returns to 635', with half returns from 635' to 644', then regained circulation.

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

SIGNED

*B. W. Craft*

TITLE

General Manager, Production  
and Transmission

DATE

August 22, 1966

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

## Desert Wash Unit Well No. 1-

August 22, 1966:

Depth 975' to 252', 7 days, 320,000 ppm salt, pump 500, 25% LCM, table 100, wt. on bit 5-8 tons, mud wt. 10.2, vis. 60, sand content  $\frac{1}{4}\%$ , w/l 6.2, f/c 2/32, ph 9, oil 0%, solids 5%, bit no. 4 7-7/8" YTLA cut 63' from 723' to 786' in 6 hours, bit no. 5 7-7/8" DT2G cut 189' from 786' to 975' in 13 hours, surveys 786' 1°, 830'  $\frac{1}{2}$ °, 865'  $\frac{1}{2}$ °, 920' 3/4°, drilling time 19 hours, lost time 5 hours-- $1\frac{1}{4}$  trip;  $2\frac{1}{4}$  pump repair;  $1\frac{1}{2}$  surveys, no mud lost last 24 hours. Drilling.

August 23, 1966:

Depth 1072', 97', 8 days, pump 300, table 125, wt. on bit 2 tons, mud wt. 10.3, vis. 45, salt content 335,000 ppm, 40% LCM, w/l 6.6, f/c 2/32, ph 7.5, oil 0%, solids 5%, bit no. 5 7-7/8" DT2G cut 73' from 975' to 1048' in  $8\frac{1}{2}$  hours, bit no. 6 7-7/8" YTLAR cut 24' from 1048' to 1072' in  $5\frac{1}{2}$  hours, surveys: 1020'  $2\frac{1}{2}$ °, 1050' 3°, drilling time 14 hours, lost time 10 hours-- $1\frac{1}{2}$  trip;  $2\frac{1}{4}$  lost circulation at 996' lost total 350 bbls to 1008' drilling dry, had partial returns to 1016', had full returns to 1058' lost 150 bbls;  $2\frac{1}{4}$  mix mud and LCM;  $1\frac{1}{2}$  surveys, now drilling with full returns.

August 24, 1966:

Depth 1174', 102', 9 days, pump 550, table 160, wt. on bit 4-5 tons, mud wt. 10.2, vis. 45, salt content 315,000 ppm, 25% LCM, w/l 6.8, bit no. 6 7-7/8" YTLAR cut 42' from 1072' to 1114' in  $8\frac{1}{2}$  hours, bit no. 7 7-7/8" OSC1G cut 60' from 1114' to 1174' in  $11\frac{1}{4}$  hours, surveys: 1089'  $2\frac{1}{2}$ °, 1110' 3°, 1135' 2-3/4°, drilling time 19-3/4 hours, lost time  $4\frac{1}{4}$  hours--2 surveys; 3/4 repair rotary chain; 1 trip;  $\frac{1}{2}$  pump repair, lost approximately 150 bbls. mud while drilling from 1070' to 1105', had at least 90% returns at all times, now drilling with full returns.

August 25, 1966:

Depth 1314', 140', 10 days, pump 600, table 150, wt. on bit 3-5 tons, mud wt. 10.2, vis. 45, sand content  $\frac{1}{4}\%$ , 330,000 ppm salt, 15% LCM, w/l 7.4, f/c 2/32, ph 7.5, oil 0%, solids 6%, bit no. 7 7-7/8" OSC1G cut 59' from 1174' to 1233' in 10-3/4 hours, bit no. 8 7-7/8" OSC1G cut 81' from 1233' to 1314' in  $8\frac{1}{4}$  hours, surveys 1135' 2-3/4°, 1208'  $2\frac{1}{4}$ °, 1233' 2°, 1265'  $2\frac{1}{2}$ °, 1285' 3°+, drilling time 19 hours, lost time 5 hours--3 surveys; 1 trip; 1 ream 32' to bottom with bit no. 8, have lost approximately 80 barrels of mud the last 24 hours, the loss was only a seep. Drilling.

August 26, 1966:

Depth 1429', 115', 11 days, pump 500, table 125, wt on bit 6 tons, mud wt. 10.3, vis. 45, sand content  $\frac{1}{4}\%$ , 295,000 ppm salt, 18% LCM, w/l 7.4, f/c 2/32, ph 8, oil 0%, solids 6%, bit no. 8 7-7/8" OSC1G cut 10' from 1314' to 1324' in  $3\frac{1}{4}$  hours, bit no. 9 7-7/8" OSC1G cut 50' from 1324' to 1374' in  $7\frac{1}{2}$  hours, bit no. 10 7-7/8" OWV cut 55' from 1374' to 1429' in 8 hours, surveys 1327' 3°, 1357' 3°, 1405' 2-3/4°, drilling time 18-3/4 hours, lost time  $5\frac{1}{4}$  hours--3 trips; 3/4 repair pump; 1-3/4 surveys, have not lost any mud last 24 hours. Drilling.

August 27, 1966:

Depth 1586', 159', 12 days, 290,000 ppm salt, 20% LCM, pump 600, table 110, wt. on bit 6-8 tons, mud wt. 10.4, vis. 43, sand content  $\frac{1}{4}\%$ , w/l 9, f/c 2/32, ph 9, oil 0%, solids 6%, bit no. 10 7-7/8" OWV cut 68' from 1429' to 1497' in 5-3/4 hours, bit no. 11 7-7/8" SV2 cut 67' from 1497' to 1564' in 5 hours, bit no. 12 7-7/8" W7 cut 26' from 1564' to 1586' in 5 hours, surveys: 1447'  $2\frac{1}{2}$ °, 1476'  $2\frac{1}{4}$ °, 1500'  $2\frac{1}{2}$ °, 1530' 2-3/4°, 1560' 2-3/4°, drilling time 15-3/4 hours, lost time ~~4~~  $8\frac{1}{4}$  hours-- $4\frac{1}{4}$  trips;  $1\frac{1}{2}$  repair pump;  $2\frac{1}{2}$  surveys; lost 30 bbls mud at 1578' have full returns now. Tripping.

Desert Wash Unit Well No. 1-A  
MFSCO, Operator  
Utah 073144  
2130' FSL, 2030' FEL  
NW SE 14-25S-5E., SLB&M  
Sevier County, Utah  
Ground elevation 5971.00'

Willard Pease Drilling Company, drilling contractor.

SPUDDED in at 12 o'clock noon, 8-15-66.

August 16, 1966:

Depth 333', 333', 1 day, pump 400, table 100, wt. on bit 1-2 tons, mud wt. 9, vis. 50, bit no. 1 9" DT cut 333' from 0' to 333' in 17 hours, surveys: 60'  $\frac{1}{4}^{\circ}$ , 120'  $\frac{1}{2}^{\circ}$ , 158'  $\frac{3}{4}^{\circ}$ , 186'  $\frac{1}{2}^{\circ}$ , 215'  $\frac{1}{4}^{\circ}$ , 244'  $\frac{1}{2}^{\circ}$ , 274'  $\frac{1}{2}^{\circ}$ , 302'  $\frac{1}{2}^{\circ}$ , 333'  $\frac{1}{4}^{\circ}$ , drilling time 17 hours, lost time 7 hours--1 finish rigging up; 3 mix mud; 1 drill rat hole; 2 surveys; drilling.

August 17, 1966:

Depth 340' (9" hole), 7', 2 days, pump 400, table 100, wt. on 1-2 tons, mud wt. 9, vis. 50, bit no. 1 9" DT cut 7' from 333' to 340' in  $\frac{1}{2}$  hour, bit no. 2 13-3/4" hole opener cut 335' from 0' to 335' in 4-3/4 hours, bit no. 3 17-1/2" hole opener cut 335' from 0' to 335' in 4-1/2 hours, drilling time 9-3/4 hours, lost time 14-1/4 hours--1 pump repair; 4-1/2 trips; 3/4 circulate, 17-1/2" hole before running casing; 4 rig up and run 13-3/8" surface casing; 2-1/2 circulate and cement casing, plug down 5:30 A.M. 8-17-66; 1-1/2 wait on cement. Ran 10 jts. 13-3/8" H-40, 48#, 8rd thd ST&C casing, landed at 327' KBM, cemented with 325 sacks regular cement with 500# calcium chloride, had good returns while cementing and displacing, 40 barrels cement returns to surface. Waiting on cement.

August 18, 1966:

Depth 340', 0', 3 days, mud wt. 10.2, vis. 40, salt content 315,000, w/l 6, f/c 2/32, ph 9.5, solids 4%, lost time 24 hours--22-1/2 wait on cement; and nipple up, mix mud; 1 change pipe rams; 1/2 pressure BOP rams and casing to 1000#, held OK. Drill cement and plugs.

August 19, 1966:

Depth 606', 266', 4 days, pump 550, table 100, wt. on bit 4-5 tons, mud wt. 10, vis. 40, 315,000 ppm, w/l 4, f/c 2/32, ph 8.5, solids 3%, bit no. 4 7-7/8" YTLA cut 266' from 340' to 606' in 9-1/4 hours, surveys 415'  $\frac{3}{4}^{\circ}$ , 500'  $\frac{1}{2}^{\circ}$ , drilling time 9-1/4 hours, lost time 14-3/4 hours--3-1/2 drill plugs and cement with 9-7/8" bit, trip, pick up 7-7/8" bit; 1/2 surveys; 1/2 remove plug from flow line; 8-1/4 mix mud, 500 bbls; 2 wait on LCM and salt, lost approximately 100 bbls mud at 490' to 500', drilled hard to 571', had drilling break to 595' lost all returns have drilled without returns to 606' but it has drilled hard since 595'. Waiting on lost circulation material and salt.

August 20, 1966:

Depth 635', 29', 5 days, pump 200, table 100, wt. on bit 3-5 tons, bit no. 4 7-7/8" YTLA cut 29' from 606' to 635' in 2 hours, lost time 22 hours--5-1/2 wait on LCM; 16-1/2 mix mud and LCM, mixed total of 1500 bbls, they would mix pits full of mud and LCM, then dry drill until they ran out of mud, now have hole full of mud and the pits are full, they think they will be able to drill ahead now, there is plenty of mud and LCM on location now. Water truck quit running, flying a mechanic to location. Tripping in to drill.

August 21, 1966:

Depth 723', 88', 6 days, pump 200, table 100, wt. on bit 5-7 tons, mud wt. 10.2, vis. 65, salt 325,000 ppm, w/l 4, f/c 2/32, ph 8.5, solids 6%, bit no. 4 7-7/8" YTLA cut 88' from 635' to 723' in 9-1/2 hours, survey 710'  $\frac{1}{2}^{\circ}$ , drilling time 9-1/2 hours, lost time 14-1/2 hours---- 14 mix mud and LCM; 1/2 survey, lost total of 600 bbls. yesterday, drilled with 1/2 returns from 635' to 644', have had full returns since 644'. Drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN PLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

1. OIL WELL  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5982.05', GR 5971.00'

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Supplementary history	<input checked="" type="checkbox"/>		

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

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

Depth 2077', tripping.

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

SIGNED B. W. Craft

General Manager, Production  
and Transmission

TITLE \_\_\_\_\_ DATE August 29, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

August 28, 1966:

Depth 1810', 224', 13 days, pump 600, table 110, wt. on bit  $7\frac{1}{2}$  tons, mud wt. 10.3, vis. 47, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 18% LCM, w/l 8.4, f/c 2/32, ph 9, oil 0%, solids 8%, bit no. 13 7-7/8" OWV cut 92' from 1586' to 1678' in  $7\frac{1}{2}$  hours, bit no. 14 7-7/8" YSI cut 132' from 1678' to 1810' in 9-3/4 hours, surveys 1627' 2-3/4°, 1675' 2-3/4°, 1735' 2-3/4°, drilling time  $17\frac{1}{4}$  hours, lost time 6-3/4 hours--2-3/4 repair rotary chain and stand pipe; 3 trips; 1 surveys, have ~~XX~~ not lost any mud the last 24 hours. Drilling.

August 29, 1966:

Depth 2077', 267', 14 days, pump 600, table 100, wt. on bit 8-10 tons, mud wt. 10.3, vis. 47, sand content  $\frac{1}{4}\%$ , w/l 8.4, 315,000 ppm salt, 12% LCM, f/c 2/32, ph 9, oil 0%, solids 8%, bit no. 14 7-7/8" YSL cut 26' from 1810' to 1836' in  $2\frac{1}{2}$  hours, bit no. 15 7-7/8" SV2 cut 100' from 1836' to 1936' in ~~16~~  $6\frac{1}{4}$  hours, bit no. 16 7-7/8" YSI cut 141' from 1936' to 2077' in ~~X~~ 6-3/4 hours, surveys 1836' 2 $\frac{1}{2}$ °, 1890' 2°, 1945' 1-3/4°, 2005' 1 $\frac{1}{2}$ °, 2077' 1°, drilling time  $15\frac{1}{2}$  hours, lost time  $8\frac{1}{2}$  hours--1 $\frac{1}{2}$  surveys; 1 clean shale pit;  $5\frac{1}{2}$  trips;  $\frac{1}{2}$  repair pump engine, no mud lost last 24 hours. Tripping.

August 30, 1966:

Depth 2168', 91', 15 days, pump 600, table 100, wt. on bit 10 tons, mud wt. 10.3, vis. 65, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 45% LCM, w/l 8.4, f/c 2/32, ph 9, oil 0%, solids 6%, bit no. 17 7-7/8" OWV cut 91' from 2077' to 2168' in 5-3/4 hours, lost time  $18\frac{1}{4}$  hours-- $1\frac{1}{4}$  trip for bit; 2-3/4 pump ~~motor~~ motor repairs; 1 replace seats in pump;  $9\frac{1}{2}$  lost circulation, ~~mix~~ mixing mud; 3-3/4 waiting on salt and salt brine (have lost 600 barrels of mud). Waiting on salt and salt ~~brine~~ brine.

August 31, 1966:

Depth ~~2205'~~ 2205', 37', 16 days, pump 400, table 100, wt on bit  $10\frac{1}{2}$  tons, mud wt. 10.6, vis. 60, sand content 1%, 315,000 ppm salt, w/l 6.5, f/c 2/32, ph 9, 30% LCM, oil 0%, solids 10%, bit no. 18 7-7/8" OWV cut 37' from 2168' to 2205' in 2 hours, lost time 22 hours--12 wait on salt and salt water, and mix mud and LCM; 1 trip in, hit bridge at 1850'; 1-3/4 drill out bridge and fill hole;  $\frac{1}{2}$  pull out of hole;  $2\frac{1}{4}$  mix mud and LCM; 3/4 trip in to 1850'; 3-3/4 clean out to 2168', now drilling with 90% returns, lost approximately 800 barrels of mud yesterday. Drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER .....  
UNIT Desert Wash

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Sevier Field Desert Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG - 1966, 1966

Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84111

Phone 328-8315 Signed F. Murphy Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
<b>Utah 073144 N. M. Robertson</b>										
NW SE 14	25S	5E	1							Spudded 6-23-66 T.D. 2733' P & A 8-13-66
NW SE 14	25S	5E	1-A							Spudded 8-15-66 Drilling 2433'

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Desert Wash Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
1-A

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
14-25S-5E., SLB&M

12. COUNTY OR PARISH  
Sevier

13. STATE  
Utah

**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  Wildcat

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
  
2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5982.05', GR 5971.00'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Depth 2558', fishing for drill pipe, have stuck wash pipe at 1510'.

18. I hereby certify that the foregoing is true and correct  
 SIGNED B.W. Craft TITLE General Manager, Production and Transmission DATE Sept. 7, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN T. CATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		5. LEASE DESIGNATION AND SERIAL NO. Utah 073144
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME Desert Wash Unit
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME Unit Well
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2030' FEL, NW SE sec. 14		9. WELL NO. 1-A
14. PERMIT NO. -		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5982.05', GR 5971.00'		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA 14-25S-5E., SLB&M
		12. COUNTY OR PARISH Sevier
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Depth 2558', fishing for drill pipe.

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

SIGNED B. W. Craft pz TITLE General Manager, Production and Transmission DATE 9-20-66

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

September 20, 1966:

Depth 2558', 0', 36 days, pump 600, table 60, wt on bit 1-5 tons, mud wt 9.8, vis 80, sand content  $\frac{1}{4}\%$ , 22% LCM, w/l 2, f/c 2/32, ph 7.5, oil 19%, solids 13%, lost time 24 hours--13 $\frac{1}{4}$  wash over from 2314-2387'; 3 $\frac{1}{4}$  trip out with wash pipe, pick up jars, bumper sub and safety joint, trip in, screw into fish, jar and drive on fish, still stuck; 1 $\frac{1}{2}$  rig up McCullough sinker bars spud out bridge ~~XX~~ to 2423', run free point, pipe free at 2387', back off drill collars at 2370'; 4 $\frac{1}{2}$  trip out lay down fish 5 drill collars, trip in with 5 jts. wash pipe;  $\frac{1}{2}$  wash over from 2387' to 2392'. 5 drill collars left in hole. Washover. ARB

September 21, 1966:

Depth 2558', 37 days, pump 600, table 60, wt on bit 2-5 tons, mud wt. 9.9, vis. 100, sand content  $\frac{1}{4}\%$ , 320,000 ppm salt, 21% LCM, w/l 2.4, f/c 2/32, ph 8, oil 15%, solids 14%, lost time 24 hours--15 $\frac{1}{2}$  wash over from 2392' to 2516' top of bit; 4 trip out with wash pipe pick up jars, bumper sub, trip in screw into fish, could not circulate, hit jars 1 time fish came loose; 3 $\frac{1}{2}$  trip out of hole lay down drill collars and wash pipe. Will go in hole with bit, clean out to bottom then run magnet to clean hole, will magna-flux drill collars. Lay down wash pipe.

September 22, 1966:

Depth 2632', 74', 38 days, pump 800, table 85, wt. on bit 12 tons, mud wt. 9.6, vis. 100, sand content  $\frac{1}{4}\%$ , 330,000 ppm salt, 22% LCM, w/l 2.4, f/c 2/32, ph 8, oil 15%, solids 14%, bit no. 21 7-7/8" SV2 cut 74' from 2558' to 2632' in 7 $\frac{1}{2}$  hours, survey 2632' 1°, lost time 16 $\frac{1}{2}$  hours--5 lay down wash pipe, drill collars and fishing tools, pick up and check 6 drill collars, trip in hole; 1-3/4 clean out 2500' to 2558' drill on junk; 3-3/4 trip out with bit and in with magnet and junk sub; 3 $\frac{1}{2}$  trip out with magnet, pick up 6 more drill collars lay down 5 jts. drill pipe;  $\frac{1}{2}$  repair weight indicator;  $\frac{1}{2}$  survey; 1 $\frac{1}{2}$  trip out to Magnaflux drill collars, they recovered a large amount of iron with the magnet, did not have any ~~trn~~ trouble with iron when the bit was run after the magnet, no mud lost last 24 hours. Trip.

September 23, 1966:

Depth 2834', 202', ~~XXXXXXX~~ 39 days, pump 500, table 70, wt. on bit 12 tons, mud wt. 10.9, vis. 130, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 22% LCM, w/l 2.2, f/c 2/32, ph 8, oil 10%, solids 12%, bit no. 22 7-7/8" OWV cut 177' from 2632' to 2809' in 14 $\frac{1}{4}$  hours, bit no. 23 7-7/8" C-2 cut 25' from 2809' to 2834' in 1-3/4 hours, survey 2809' 3/4°, drilling time 16 hours, lost time 8 hours--1 $\frac{1}{2}$  Magnaflux drill collars found 1 broken pin; 3/4 load out fishing tool; 1 $\frac{1}{2}$  trip in with bit no. 22;  $\frac{1}{2}$  survey; 3-3/4 trip for bit no. 23, hit 20' bridge at 1650, no mud lost last 24 hours. Drilling.

September 24, 1966:

Depth 2971', 137', 40 days, pump 600, table 70, wt. on bit 12 tons, mud wt. 9.8, vis. 75, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 25% LCM, w/l 3, f/c 2/32, ph 8, oil 9%, solids 8%, bit no. 23 7-7/8" C2 cut 79' from 2834' to 2913' in 6 hours, bit no. 24 7-7/8" EMLV cut 35' from 2913' to ~~XXX~~ 2948' in 6 hours, bit no. 25 7-7/8" OWV cut 23' from 2948' to 2971' in 4 $\frac{1}{2}$  hours, survey 2913' 3/4°, drilling time 16 $\frac{1}{2}$  hours, lost time 7 $\frac{1}{2}$  hours-- $\frac{1}{2}$  survey;  $\frac{1}{2}$  clean shale tank; 6 $\frac{1}{2}$  trips, no mud lost, no hole trouble, new proposed casing point 3138', have 3195' casing on location. Drilling.

September 25, 1966:

Depth 3082', 111', 41 days, pump 650, table 60, wt. on bit 17 tons, mud wt 10.3, vis. 90, sand content  $\frac{1}{2}\%$ , 320,000 ppm salt, 18% LCM, w/l 2.4, f/c 2/32, ph 9.5, oil 9%, solids 7%, bit no. 25 7-7/8" OWV cut 37' from 2971' to 3008' in 7 $\frac{1}{2}$  hours, bit no. 26 7-7/8" OSLG cut 74' from 3008' to 3082' in 7 $\frac{1}{2}$  hours, drilling time 15 hours, lost time 9 hours--3 $\frac{1}{2}$  trips, pick up 5 drill collars; 5 $\frac{1}{2}$  wait on pump parts and repair pump, no mud lost, no hole trouble, proposed casing point of 7-5/8" at 3170'. Drilling.

*ppp*

September 13, 1966:

Depth 2558', 0', 29 days, pump 500, table 60, wt. on bit 1-3 tons, mud wt. 9.9, vis 85, sand content 0% 315,000 ppm salt, 25% LCM, w/l 8, f/c 2/32, ph 7, oil 12%, solids 10%, lost time 24 hours--1 trip out with cutter failed to cut pipe at 1798'; 9 wait on parts for cutter; 6 trip in with cutter, try to cut drill pipe at 1798', trip out; 8 wait on new cutter. The shear pins in the cutter did not shear the sleeve still in place. Ralph Thompson thought it would be better to get a new cutter. Waiting on cutter.

September 14, 1966:

~~XX~~ Depth ~~XX~~ 2558', 0', 30 days, pump 500, table 60, wt. on bit 1-3 tons, mud wt. 10, vis 70 sand content 0%, 315,000 ppm salt, 20% LCM, w/l 3.7, f/c 2/32, ph 7.5, oil 15%, solids 10%, lost time 24 hours--3 wait on cutter; 3 pick up and make up tools, trip in hole;  $\frac{1}{2}$  cut off drill pipe;  $\frac{1}{2}$  trip ~~XX~~ out;  $\frac{1}{2}$  handle fish and tools;  $\frac{1}{2}$  trip in with 5 jts. 7-3/8" wash pipe, wash over 1803' to 1945', recovered 5 joints and 1 piece of 4 $\frac{1}{2}$ " drill pipe, total 155.40'. Wash over fish.

September 15, 1966:

Depth 2558', 0', 31 days, pump 600, table 60, wt. on bit 1-3 tons, mud wt. 9.9, vis. 65, sand content 0%, 330,000 ppm salt, 25% LCM, w/l 4.1, f/c 2/32, ph 7.5, oil 17%, solids 10%, lost time 24 hours--2 wash over from 1945' to 1962';  $\frac{1}{2}$  circulate; 3 $\frac{1}{2}$  trip out with wash pipe stand back, pick up overshot jars, bumper sub trip in hole; 2 catch fish, jar and drive down on fish, did not come loose, could not circulate; 3 run free point indicator could run tool to 2480' found fish free at 1963', ran shot, backed off fish at 1948;  $\frac{1}{2}$  trip out lay down fish, recovered 4 jts. and 1 piece 146.01'; 3 pick up 5 jts. 7-3/8" wash pipe, trip in hole; 7 wash over from 1962' to 2022' quit going;  $\frac{1}{2}$  trip out, shoe worn out, will go in hole with new shoe. Trip out with wash pipe.

September 16, 1966:

Depth 2558', 0', 32 days, pump 600, table 60, wt on bit 2-4 tons, mud wt. 9.8, vis. 65, 315,000 ppm salt, 25% LCM, sand content -, w/l 4.1, f/c 2/32, ph 7.5, oil 17%, solids 10%, bit no. 20 7-7/8" YSLG, lost time 24 hours--2 $\frac{1}{2}$  trip in with 5 jts. 7-3/8" wash pipe; 10 $\frac{1}{2}$  wash over from 2022' to 2088', shoe quit going; 3 trip out with wash pipe, shoe worn out, went in hole with single of drill pipe below jars and bumper sub, jar on fish, did not move; 3 $\frac{1}{2}$  run free point pipe free at 2095', ran shot and backed off at 2070'; ~~3 $\frac{1}{2}$~~  4 $\frac{1}{2}$  trip out lay down fish, pick up diamond shoe and 5 jts 7-3/8" wash pipe, trip in the hole recovered 4 jts. pipe total 120.81'. Trip in with 5 jts. 7-3/8" wash pipe.

September 17, 1966:

Depth 2558', 0', 33 days, pump 600, table 60, wt on bit 2-5 tons, mud wt. 9.6, vis. 85, sand content  $\frac{1}{4}$ %, 344,000 ppm salt, 24% LCM, w/l 4.2, f/c 2/32, ph 7.5, oil 19%, solids 14%, lost time 24 hours--12-3/4 wash over from 2088-2165', quit going; 5 $\frac{1}{4}$  trip, diamond shoe worn out, change 1 jt. of wash pipe, went in hole with tungsten carbide shoe; 6 wash over from 2165' to 2182', no mud lost have not had any hole trouble. Wash over fish.

September 18, 1966:

Depth 2558', 0', 34 days, pump 600, table 60, wt. on bit 2-5 tons, mud wt. 9.8, vis 90, sand content  $\frac{1}{4}$ %, 330,000 ppm salt, 25% LCM, w/l 3.9, f/c 2/32, ph 7.5, oil 19%, solids 13%, lost time 24 hours--wash over from 2182' to 2184', quit going; 3 $\frac{1}{4}$  trip out change shoes, shoe worn completely out, trip in with new tungsten carbide shoe; 12-3/4 wash over from 2184-2227, trip in with single jars, bumper sub, screwed into fish, could not jar fish loose, ran free point indicator, free at 2230', could not get sinker bars ~~xxxx~~ below 2276', backed fish off at 2222', recovered 3 jts. drill pipe, change sub and 2 drill collars, will go in with 5 jts. wash pipe this time and continue wash over.

September 19, 1966:

Depth 2558', 0', 34 days, pump 600, table 60, wt on bit 1-5 tons, mud wt 9.8, vis 70, sand content  $\frac{1}{4}$ %, 320 ppm salt 22% LCM, w/l 5, f/c 2/32, ph 7.5, oil 19%, solids 13%, lost time 24 hours--3 $\frac{1}{2}$  handle fish trip in hole with 5 jts. 7-3/8" wash pipe & tungsten carbide shoe; 16 $\frac{1}{2}$  wash over from 2227-2310; 3 $\frac{1}{4}$  trip out to check wash over pipe, still OK; 3/4 wash over from 2310-14, can wash over to 2392' with 5 jts. Wash over.

September 8, 1966:

Depth 2558', 0', 24 days, pump 600, mud wt. 10.4, vis 60, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 40% LCM, w/1 9.2, f/c 2/32, ph 9, solids 7%, bit no. 20 7-7/8" YSLG, lost time 24 hours--5 work stuck pipe at 1510'; 1 mix 1640 gallons #2 diesel with 100 gallons pipe lax; 2 $\frac{1}{2}$  X let mixture set around fish, jar on fish, pipe came loose; 1 $\frac{1}{2}$  circulate and work pipe, pull one single, pipe stuck again at 1480'; 11 wait on pipe lax; 1 mix and spot 1640 gallons #2 diesel with 100 gallons pipe lax, pipe came loose; 1 rotate and work wash pipe, pull 2 stands;  $\frac{1}{2}$  circulate;  $\frac{1}{2}$  trip out. Will go in with 7-7/8" bit and clean out to top of fish, have not lost any mud last 24 hours.

September 9, 1966:

Depth 2558', 0', 25 says, pump 600, table 100, mud wt. 9.5, vis 65, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, LCM 25%, w/1 9, f/c 2/32, ph 7, oil 9.5%, solids 8%, bit no. 20 7-7/8" YSLG, lost time 24 hours--4 trip out with 7-3/8" OD wash pipe, stand back, pick up 7-7/8" bit, clean out to 1645', 2 circulate condition mud and hole; 2 $\frac{1}{2}$  trip out with bit pick up 3 jts. 7-3/8" wash pipe trip in to 1610'; 3 circulate try to clean up hole, hole tight, pipe trying to stick, worked down to 1645', worked pipe back up hole 100'; 1 trip out of hole, stand back wash pipe; 8 $\frac{1}{2}$  wait on 7-7/8" reamers;  $\frac{1}{2}$  measure reamers; 1 pick up reamers; 1 trip in hole, have bit, two reamers and five 5 $\frac{1}{2}$ " drill collars on bottom of string now. Trip in with bit, 2 7-7/8" reamers.

September 10, 1966:

Depth 2558', 0', 26 days, pump 600, table 60, wt. on bit 1-2 tons, mud wt. 10, vis 70, ~~SAN~~ sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 25% LCM, w/1 9, f/c 2/32, ph 7, oil 9.5%, solids 8.5%, lost time 24 hours--2 trip in with 7-7/8" bit and 2 reamers; 5 ream from 1066' to 1640'; 1 $\frac{1}{2}$  circulate; 2 $\frac{1}{2}$  trip out with reamers; 2 pick up 3 jts. 7-3/8" OD wash pipe, trip in hole; 3 wash over from 1648' to 1738'; 3 trip out; 2 $\frac{1}{2}$  pick up 4 more jts. of 7-3/8" wash pipe trip in hole to 1575'; 2 work wash pipe down to 1610' pipe trying to stick, pulled back to 1575', wash pipe stuck, could not jar loose; 1 rig up ~~xxx~~ spot 1600 gallons #2 diesel mixed with 100 gallons pipe lax, pipe came loose, now circulating and rotating at 1610'.

September 11, 1966:

Depth 2558', 0', 27 days, pump 500, table 60 wt on bit 1 $\frac{1}{2}$ -3 tons, mud wt. 9.5, vis. 85, sand content 0%, 335,000 ppm salt, 30% LCM, w/1 8.2, f/c 2/32, ph 7, oil 10%, solids 9.5%, bit no. 20 7-7/8" YSLG, lost time 24 hours--3 $\frac{1}{2}$  work wash pipe free, circulate condition hole, pull wash pipe, stand back 2 jts wash pipe; 4 trip in hole with 4 jts. wash pipe; 3 wash over from 1648' to 1771'; 4 trip out pick up 1 joint total 5 joints wash pipe, trip in; 1 $\frac{1}{2}$  wash over from 1771' to 1798'; 2 trip out; 2 $\frac{1}{2}$  wait on outside cutter, trip in with 5 jts. wash pipe and cutter; 1 $\frac{1}{4}$  clean out cut pipe at 1773', now on way out of hole, no mud lost last 24 hours, have not had any hole trouble since yesterday morning. Trip out.

September 12, 1966:

Depth 2558', 0', 28 days, pump 500, table 60, wt. on bit 1-3 tons, mud wt. 9.7, vis 85, sand content 0%, 315,000 ppm salt 25% LCM, w/1 8, f/c 2/32, ph 7, oil 12%, solids 10%, lost time 24 hours-- $\frac{1}{2}$  try to cut off drill pipe at 1768'; 1-3/4 trip out with cutter found knives and spring broken; 2 $\frac{1}{4}$  stand back wash pipe, pick up overshot with 5-3/8" grapple, trip in to 1648'; 3/4 circulate could not catch fish, pulled out of hole change to 5-5/8" grapple; 3/4 trip in;  $\frac{1}{4}$  try to catch fish, caught once pulled 25,000# overshot slipped off, could not circulate thru fish; 2-3/4 trip out pick up 6 jts. 7-3/8" wash pipe; 1 trip in; 1-3/4 stuck pipe at 1550', spot 1500 gals #2 diesel with 75 gallons pipe lax, pipe came ~~xxx~~ loose; 1-3/4 work pipe down hole from 1550' to 1773'; 1 $\frac{1}{2}$  wash over from 1773' to 1823' shoe quit going; 2 $\frac{1}{4}$  trip out with washpipe; 1 lay down one jt. wash pipe, pick up cutter; 3 trip in with cutter, cut off drill pipe at 1801'; 1 trip out with cutter. They did not have the drill pipe cut off, they will call in after they look at the cutter. Tripping out with wash pipe and cutter.

September 2, 1966:

Depth 2558', 125', 18 days, pump 400, table 100, wt. on bit 10½ tons, mud wt. 10.6, vis. 62, sand content ¼%, 345,000 ppm salt, 30% LCM, w/l 8, f/c 2/32, ph 7, oil 0%, solids 9%, bit no. 19 7-7/8" YSLG cut 56' from 2433' to 2489' in 6½ hours, bit no. 20 7-7/8" YSLG cut 69' from 2489' to 2558' in 5 hours, survey 2489' 3/4°, drilling time 11½ hours, lost time 12½ hours--1 repair pump; 3 trip; 3½ clean out from 1850' to 2489'; 5 pipe stuck at 2516' pulled up to 2516' to work on pump valve pipe stuck, can still circulate have McCullough on way to run free point 12 D.C and change sub plus drill pipe in hole. Stuck @ 2516'.

September 3, 1966:

Depth 2558', 0', 19 days, ~~XXX~~ mud wt. 10.7, vis 65, sand content ¼%, 345,000 ppm salt, 30% LCM, w/l 7.6, f/c 2/32, ph 9, oil -, solids 6%, bit no. 20 7-7/8" YSLG, lost time 24 hours--3½ circulate, wait on McCullough; 1½ run free point indicator found pipe stuck at 500' free at 475'; 3 wait on free pipe, the chemical used in diesel oil to free stuck pipe; 1 mix 55 bbls of #1 diesel oil with 110 gallons of free pipe; 1 spot mixture at 500'; 14 move diesel oil mixture ½ bbl. each ½ hour pipe still stuck, fisherman left Casper last night with jars and bumper sub. spotting oil around stuck pipe.

September 4, 1966:

Depth 2558', 0', 20 days, mud wt. 10.7, vis 65, sand content 345,000 ppm salt, 25% LCM, w/l 7.6, f/c 2/32, ph 9, solids 6%, lost time 24 hours--1 diesel oil around stuck pipe; 7 circulate condition hole and mud, pipe still stuck; 1 run free point found pipe free at 1450', backed off pipe at 1440', pulled out of hole, picked up safety jt bumper sub jars and eight 5" drill collars went in hole screwed into fish; 8 jar up and bump down on fish fish did not move; ½ mix 55 bbls #1 diesel with 2 bbls of pipe free, pump in hole displacing with 36 bbls ~~XXX~~ mud. Now jarring up on fish each 15 minutes, no mud lost last 24 hours.

September 5, 1966:

Depth 2588', 0', 21 days, pump 600, mud wt. 10, vis 65, sand content ¼%, 345,000 ppm salt, 25% LCM, w/l 7.6, f/c 2/32, ph 9, solids 6%, lost time 24 hours--9 drive down and jar up on fish; ½ check free point at 1665'; 2½ work pipe; ¼ run free point pipe stuck at 1665'; 2-¾ run three 500 grain shots at 2336, 2129, 1828, backed off at 1648'; 2 trip out; 1-¾ pick up wash pipe; 3¼ replace stand pipe; 2 trip in hole hit bridge at 520', started to clean out of the hole lost returns pulled wash pipe into surface casing, have 7 jts. 7-3/8"OD x 6-5/8"ID wash pipe jars bumper sub and safety joint eight 5" drill collars on top of wash pipe. Pull wash pipe.

September 6, 1966:

Depth 2558', 0', 22 days, pump 200, mud wt. 10.3, vis 65, sand content 0% 315,000 ppm salt, 40% LCM w/l 8, f/c 2/32, ph 9, solids 0%, lost time 24 hours--24 mix mud and LCM, have lost 1000 bbls mud with 40 to 50% LCM the last 24 hours, ran the 7-3/8"OD wash pipe to 520' the first time hit bridge put on Kelly could not fill hole pull and stood back wash pipe, picked up 7-7/8" bit and run in to 500' on the next four pits of mud. A pit of mud will fill the hole but the mud drops out of sight when pump is shut down. They pull into surface casing with bit while mixing mud. Mixing mud and LCM.

September 7, 1966:

Depth 2558', 0', 23 days, pump 600, table 100, wt. on bit 1-3 tons, mud wt. 10.3, vis. 65, 315,000 ppm salt, 35% LCM, w/l 8, f/c 2/32, ph 9, lost time 24 hours--15 mix mud and LCM made trip in to 1630' with 7-7/8" bit circulate and clean hole; 9 run in with 7 ~~XXX~~ joints ~~XXX~~ 7-3/8" wash pipe, safety joint bumper sub and jars change sub and eight 5" drill collars, clean out from 1400' to 1510' had to clean each joint out several times before they could make a connection. Pulled up to make connection at 1510', broke off Kelly made up single and pipe was stuck broke off single and put on Kelly can circulate OK, pipe stuck at 7:00 AM 9-7-66, have not lost any mud the last 9 hours. Wash pipe stuck @ 1510'.

August 28, 1966:

Depth 1810', 224', 13 days, pump 600, table 110, wt. on bit 7½ tons, mud wt. 10.3, vis. 47, sand content ¼%, 315,000 ppm salt, 18% LCM, w/l 8.4, f/c 2/32, ph 9, oil 0%, solids 8%, bit no. 13 7-7/8" OWV cut 92' from 1586' to 1678' in 7½ hours, bit no. 14 7-7/8" YSI cut 132' from 1678' to 1810' in 9-3/4 hours, surveys 1627' 2-3/4°, 1675' 2-3/4°, 1735' 2-3/4°+, drilling time 17¼ hours, lost time 6-3/4 hours--2-3/4 repair rotary chain and stand pipe; 3 trips; 1 surveys, have ~~XX~~ not lost any mud the last 24 hours. Drilling.

August 29, 1966:

Depth 2077', 267', 14 days, pump 600, table 100, wt. on bit 8-10 tons, mud wt. 10.3, vis. 47, sand content ¼%, w/l 8.4, 315,000 ppm salt, 12% LCM, f/c 2/32, ph 9, oil 0%, solids 8%, bit no. 14 7-7/8" YSL cut 26' from 1810' to 1836' in 2½ hours, bit no. 15 7-7/8" SV2 cut 100' from 1836' to 1936' in ~~6½~~ 6¼ hours, bit no. 16 7-7/8" YSI cut 141' from 1936' to 2077' in ~~7~~ 6-3/4 hours, surveys 1836' 2½°, 1890' 2°, 1945' 1-3/4°, 2005' 1½°, 2077' 1°, drilling time 15½ hours, lost time 8½ hours--1½ surveys; 1 clean shale pit; 5½ trips; ½ repair pump engine, no mud lost last 24 hours. Tripping.

August 30, 1966:

Depth 2168', 91', 15 days, pump 600, table 100, wt. on bit 10 tons, mud wt. 10.3, vis. 65, sand content ¼%, 315,000 ppm salt, 45% LCM, w/l 8.4, f/c 2/32, ph 9, oil 0%, solids 6%, bit no. 17 7-7/8" OWV cut 91' from 2077' to 2168' in 5-3/4 hours, lost time 18¼ hours--1¼ trip for bit; 2-3/4 pump ~~motor~~ motor repairs; 1 replace seats in pump; 9½ lost circulation, ~~mix~~ mixing mud; 3-3/4 waiting on salt and salt brine (have lost 600 barrels of mud). Waiting on salt and salt ~~brine~~ brine.

August 31, 1966:

Depth 2205', 37', 16 days, pump 400, table 100, wt on bit 10½ tons, mud wt. 10.6, vis. 60, sand content 1%, 315,000 ppm salt, w/l 6.5, f/c 2/32, ph 9, 30% LCM, oil 0%, solids 10%, bit no. 18 7-7/8" OWV cut 37' from 2168' to 2205' in 2 hours, lost time 22 hours--12 wait on salt and salt water, and mix mud and LCM; 1 trip in, hit bridge at 1850'; 1-3/4 drill out bridge and fill hole; ½ pull out of hole; 2¼ mix mud and LCM; 3/4 trip in to 1850'; 3-3/4 clean out to 2168', now drilling with 90% returns, lost approximately 800 barrels of mud yesterday. Drilling.

#### Casing Report

	Net	Gross
1 NSCO 12" 900 type B casing flange	1.50'	1.50'
10 jts. 13-3/8", 48#, H-40, 8rd thd, H-40, ST&C casing	311.02'	314.02'
1 Baker guide shoe	1.30'	1.30'
	<u>313.82'</u>	<u>316.82'</u>

Above casing landed at 326.53' or 12.71' below KB. The top of the 12" series 900 casing flange is 1.66' below ground level. All joints and guide shoe were spot welded above and below all collars. Circulated casing with rig pump for 2 hours, cemented casing using 325 sacks Ideal regular cement with 500 pounds calcium chloride. Good returns while mixing and displacing, 40 barrels cement returned to surface, cement in place 5:30 AM 8-17-66, good job throughout.

Left on rack:

1 jt. 13-3/8", 48#, H-40, ST&C casing	27.00'	27.30'
---------------------------------------	--------	--------

September 1, 1966:

Depth 2433', 228', 17 days, pump 500, table 100, wt. on bit 10 tons, mud wt. 10.6, vis. 45, sand content 1%, 325,000 ppm salt, 20% LCM, w/l 6.5, f/c 2/32, ph 9, oil 0%, solids 10%, bit no. 18 7-7/8" OWV cut 98' from 2205' to 2303' in 9½ hours, bit no. 19 7-7/8" YSI cut 130' from 2303' to 2433' in 7½ hours, survey 2300' 1½°, drilling time 17 hours, lost time 7 hours--½ survey; 2 trip; 4½ clean out ~~xxxx~~ bridges from 1850'-2303', had tight hole pulling bit #18 from 2303'-1850', they have lowered the water loss, not having any hole trouble during connections, no mud lost last ~~XX~~ 24 hours. Drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 073144
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Desert Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2030' FHL, NW SE sec. 14		8. FARM OR LEASE NAME Unit Well
14. PERMIT NO. -	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5982.05', GR 5971.00'	9. WELL NO. 1-A
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-25S-5E., SLB&M
		12. COUNTY OR PARISH Sevier
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Depth 3170', preparing to make DST #1.

Recovered fish, clean hole and resumed drilling.

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

SIGNED B. W. Craft TITLE General Manager, Production and Transmission DATE Sept. 26, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

September 26, 1966:

Depth 3170', 88', 42 days, pump 600, table 70, wt. on bit 17 tons, mud wt. 10.2, vis. 130, sand content ~~XX~~ .25%, 320,000 ppm salt, 25% LCM, w/l 2.4, f/c 2/32, ph 9.5, oil 9%, solids 7%, bit no. 26 7-7/8" OSCLG cut 88' from 3082' to 3170' in 7½ hours, lost time ~~XX~~ 16½ hours--1¼ circulate to log, lost 100 bbls mud while circulating; 6-¾ trip out mix 275 bbls trip in no returns, fluid level at 80'; 2 trip out to log, SLM 3169.98'; 6½ log, fluid level at 550'. Tear down Schlumberger.

September 27, 1966:

Depth 3170', 0', 43 days, pump 600, table 70, mud wt 10.2, vis. 150, sand content ¼%, 330,000 ppm salt, 30% LCM, w/l 8, f/c 2/32, ph 9.5, oil 6%, solids 7%, lost time 24 hours--5½ mix mud, fill hole, build volume; 2½ trip in; 3 circulate condition mud and hole for DST #1; 3 trip out; 1 pick up tools; 1½ trip in; 1 test; 4½ trip out, read charts, break down tools; 2 trip in with bit will run test again. Circulating.

Drill Stem Test No. 1

Depth 3170', packer 3070'

Shinarump 3050-3130', 20 unit gas increase

10 ½ hour, FSI ½ hour, opened with weak blow, dead in 12 minutes, no gas, chart indicated tool plugged after 6 minutes. IHP 1678, FP's 111-117, FSIP 532, FHP 1678 psi. Recovered 12' thick drilling mud.

September 28, 1966:

Depth 3170' (7-7/8" hole), 627' (9-7/8" hole), 300', 44 days, pump 200, table 100, wt. on bit 5 tons, mud wt. 10.3, vis. 100, sand content 0%, 320,000 ppm 32% LCM, w/l 6, f/c 3/32, ph 7.5, oil 5%, solids 10%, bit no. 27 9-7/8" hole opener cut 300' from 327' to 627' in 7 hours, reaming time 7 hours, lost time 17 hours--5½ circulate and condition hole and mud 9 DST #2; 2½ pick up hole opener, string reamer and ~~3~~ ten 5-3/4" drill collars, no mud lost. Reaming 7-7/8" hole to 9-7/8".

Drill Stem Test No. 2

Depth 3170', packer 3050'

Shinarump 3050-3130', 20 unit gas increase

Tool open 45 minutes, shut in 30 minutes, opened with weak blow dead in 14 minutes, bypassed packer reopened with weak blow dead in 8 minutes, bypassed packer reopened with weak blow dead in 4 minutes, no gas to surface, recovered 45' drilling mud. IHP 1685, ISIP 284, IF 61, FF 80, FHP 1666 psi.

September 29, 1966:

Depth 3170' (7-7/8"), 1300' (9-7/8"), 673', 45 days, pump 400, table 100, wt on bit 6 tons, mud wt 10.2, vis 80, sand content 0%, 330,000 ppm salt, 30% LCM, w/l 6, f/c 2/32, ph 7.5, oil 5%, solids 10%, bit no. 27 9-7/8" hole opener, cut 549' from 627' to 1176' in 10½ hours, bit no. 28 9-7/8" hole opener cut 124' from 1176' to 1300' in 6 hours, reaming time 16½ hours, lost time 7½ hours--1-¾ trip to check reamer, OK; 1 repair high chain; 1½ trip change reamer; 2¼ repair pump; 1 trip in hole with reamer. Reaming 7-7/8" hole to 9-7/8". Tripping.

September 30, 1966:

Depth 1580' 9-7/8" hole, 280', 46 days, pump 400, table 100, wt on bit 6-7 tons, mud wt. 10.5, vis. 84, sand content 0%, 335,000 ppm salt, 25% LCM, ~~w/l~~ w/l 6, f/c ~~XX~~ 3/32, ph 7.5, oil 3%, solids 10%, bit no. 28 9-7/8" hole opener cut 81' from 1300' to 1381' in ~~XX~~ 3-¾ hours; bit no. 29 9-7/8" hole opener cut 168' from 1381' to 1549' in 8½ hours; bit no. 30 9-7/8" YHWGJ cut 31' from 1549' to 1580' in 3½ hours, drilling time 15-¾ hours, lost time 8¼ hours--3¼ trip for reamer; ½ repair chain; 4½ trip for bit, now running 9-7/8" bit 2 9-7/8 reamers, shock sub and 12 5-3/4" drill collars. Reaming 7-7/8" hole to 9-7/8".

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER .....  
UNIT **Desert Wash**

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State **Utah** County **Sevier** Field **Desert Wash**  
The following is a correct report of operations and production (including drilling and producing wells) for the month of **SEP - 1966**, 19.....  
Agent's address **P.O. Box 11368** Company **MOUNTAIN FUEL SUPPLY COMPANY**  
**SALT LAKE CITY, UTAH 84111** Signed **J. Murphy**  
Phone **328-8315** Agent's title **DIVISIONAL CHIEF ACCOUNTANT**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
<b>Utah 073144 - H.M. Robertson</b>										
<b>NW SE 14</b>	<b>25S</b>	<b>5E</b>	<b>1-A</b>							<b>Spudded 8-15-1966</b> <b>Drilling 3170'</b> <b>Sept. 30, 1966</b>

NOTE.—There were..... runs or sales of oil; ..... M cu. ft. of gas sold;

..... runs or sales of ~~gas~~ **Drip Oil** during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 073144																								
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																								
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Desert Wash Unit																								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2030' FEL, NW SE sec. 14		8. FARM OR LEASE NAME Unit Well																								
14. PERMIT NO. -	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5982.05', GR 5971.00'	9. WELL NO. 1-A																								
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Wildcat																								
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>FULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) Supplementary history <input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary history <input checked="" type="checkbox"/>		(Other) <input type="checkbox"/>				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-258-5E., SLB&M
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																								
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																							
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(Other) <input type="checkbox"/>																										
		12. COUNTY OR PARISH Sevier																								
		13. STATE Utah																								

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

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TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary history <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>			

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

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

Depth 2285', tripping.

DST #1: 3170-3050', Shinarump, open 1/2 hour, SI 1/2 hour, opened with weak blow, dead in 12 minutes, no gas to surface, chart indicated tool plugged after 6 minutes, recovered 12' of thick drilling mud. IHP 1678, FP's 111-117, FSIP 532, FHP 1678 psi.

DST #2: 3170-3050', Shinarump, tool open 45 minutes, shut in 30 minutes, opened with weak blow, dead in 14 minutes, bypassed packer, reopened with weak blow dead in 8 minutes, bypassed packer, reopened with weak blow, dead in 4 minutes, no gas to surface, recovered 45' of drilling mud. IHP 1685, ISIP 284, FP's 61-80, FHP 1666 psi.

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

SIGNED B. H. Croft pz TITLE General Manager, Production and Transmission DATE October 4, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

October 1, 1966:

Depth 1755', 175', 47 days, pump 400, table 100, wt on bit 6-12 tons, mud wt. 10.4, vis. 90 sand content 0%, 330,000 ppm salt, 24% LCM, w/l 5.2, f/c 2/32, ph 8, oil ~~XX~~ 0%, solids 12%, bit no. 30 9-7/8" YHWGJ cut 69' from 1580' to 1649' in 8 hours, bit no. 31 9-7/8" L4HJ cut 80' from 1649' to 1729' in 5 hours, bit no. 32 9-7/8" L4HJ cut 26' from 1729' to ~~XXXX~~ 1755' in 4-3/4 hours, survey 1755' 3°, drilling time 17-3/4 hours, lost time 6 1/4 hours--1/4 survey; 6 trips. Tripping.

October 2, 1966:

Depth 1829', 74', 48 days, pump 600, table 100, wt on bit 7-15 tons, mud wt. 10.4, vis. 95, sand content 0%, 330,000 ppm salt, 20% LCM, w/l 5.2, f/c 2/32, ph 8, oil 3%, solids 13%, bit no. 33 9-7/8" hole opener cut 11' from 1755' to 1766' in 2 hours, bit no. 34 9-7/8" L4HJ cut 27' from 1766' to 1793' in 4 1/2 hours, bit no. 35 9-7/8" L4 cut 36' from 1793' to 1829' in 6-3/4 hours, drilling time 13 1/4 hours, lost time 10-3/4 hours--10-3/4 trips for bits, all bits worn out, no mud lost. Tripping.

October 3, 1966:

Depth 2100', 271', 49 days, pump 600, table 80, wt on bit 15 tons, mud wt. 10.4, vis. 100, sand content 0%, 335,000 ppm salt, 23% LCM, w/l 4, f/c 2/32, ph 8.5, oil 3%, solids 12%, bit no. 36 9-7/8" SV2HJ cut 175' from 1829' to 2004' in 11 hours, bit no. 37 9-7/8" OSC cut 96' from 2004' to 2100' in 7-3/4 hours, drilling time 18-3/4 hours, lost time 5 1/4 hours--5 1/4 trips, all bits pulled were worn out, have not lost any mud last 24 hours, had misfire on survey at 2100'. Tripping.

October 4, 1966:

Depth 2285', 185', 50 days, pump 600, table 80, wt on bit 12-15 tons, mud wt. 10.3, vis. 100, sand content 0%, 330,000 ppm salt, 25% LCM, w/l 6, f/c 2/32, ph 8, oil 0%, solids 11%, bit no. 38 9-7/8" SV2 cut 90' from 2100' to 2190' in 6 1/4 hours, bit no. 39 9-7/8" OSCLG cut 95' from 2190' to 2285' in 8 hours, drilling time 14 1/4 hours, lost time 9-3/4 hours--1 1/2 finish trip for bit no. 38; 6-3/4 lost circulation, lost returns at 2164', drill to 2190', pulled out of hole, mixed mud & LCM, filled hole went in hole with bit no. 39, have had full returns since 2190', lost approx. ~~XX~~ 400 bbls mud. Tripping.

October 5, 1966:

Depth 2508', 223', 51 days, pump 600, table 80, wt on bit 6-8 and 12-15 tons, mud wt. 10.3, vis. 100, sand content 0%, w/l 8, f/c 2/32, ph 7.5, oil 0%, solids 12%, bit no. 40 9-7/8" DT2G cut 165' from 2285' to 2450' in 7 1/4 hours, bit no. 41 9-7/8" OSC cut 58' from 2450' to 2508' in 6 1/4 hours, drilling time 13 1/2 hours, lost time 10 1/2 hours--3 trip for bit no. 40; 1/2 survey, mud too thick, no picture; 3 1/2 trip for bit; 3 1/2 run surveys on wire line, clean shale pit. Reaming. 1750' 3°, 1800' 4°, 2000' 9 1/2°, 2100' 11°, 2400' 12°+. Original surveys: 1627' 2-3/4°, 1675' 2-3/4°, 1735' 2 1/4°, 1836' 2 1/2°, 1890' 2°, 1945' 1-3/4°, 2005' 1 1/2°, 2300' 1 1/2°, ~~XXXX~~ 2489' 3/4°.

October 6, 1966:

Depth 2630', 122', 52 days, pump 600, table 80, wt on bit 8-10 tons, mud wt. 10.4, vis. 105, sand content 0%, 330,000 ppm salt, 20% LCM, w/l 6, f/c 2/32, ph 7.5, oil 0%, solids 12%, bit no. 41 9-7/8" OSC cut 25' from 2508' to 2533' in 5 1/2 hours, bit no. 42 9-7/8" YSI cut 97' from 2533' to 2630' in 11 1/4 hours, surveys 1750' 3 1/2°, 1800' 4 1/2°, 2000' with 6° instrument 6° off chart, 2533' with 12° instrument 12° off chart, 2593' with 30° instrument 19°, drilling time 16-3/4 hours, lost time 7 1/4 hours--3 1/4 surveys; 4 trip. Tripping.

October 7, 1966:

Depth 2732', 102', 53 days, pump 600, table 80, wt on bit 10 tons, mud wt. 10.9, vis. 120, sand content 0% 330,000 ppm salt 25% LCM, w/l 7.6, f/c 2/32, ph 7.5, solids 12%, bit no. 43 9-7/8" YSI cut 102' from 2630' to 2732' in 12 1/4 hours, surveys 2630' 19°, 2732' 21°, drilling time 12 1/4 hours, lost time 11-3/4 hours--3 1/4 trip; 1/2 repair pump; 2 circulate to log 1/2 survey; 2 1/2 trip out; 3/4 wait on Schlumberger; 2 1/4 log. Logs went to 2729'. Logging.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42 R1427

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.)

5. LEASE DESIGNATION AND SERIAL NO.  
Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Desert Wash Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
1-A

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
14-25S-5E, SLB&M

12. COUNTY OR PARISH 13. STATE  
Sevier Utah

1. OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

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

2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5982.05', GR 5971.00'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Supplementary history	

(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.)\*

Depth 2985', drilling.

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

SIGNED B.W. Croft

General Manager, Production  
and Transmission

DATE October 10, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

Desert Wash Unit Well No. 1-A

October 8, 1966:

Depth 2840', drilled 108' in 12-3/4 hours, 54 days, pump 700, table 80, weight on bit 10 tons, mud wt 10.6, vis. 80, sand content 0% 330.000 PPM salt, w/l 7.6, f/c 2/32, 20% LCM, ph 7.5, oil 0%, solids 12%. Bit No. 40 9-7/8" SV2 cut 108' from 2732' to 2840' in 12-3/4 hours. Drilling time 12-3/4 hours, lost time 11 1/4 hours -- 8 hrs logging, 1/2 hr. wait on orders, 1 1/2 hrs. repair pump. No mud lost no hole trouble. Presently drilling.

October 9, 1966:

Depth 2940', drilled 100' in 10-3/4 hours, 55 days, pump 700, table 80, weight on bit 10 tons, mud wt 10, vis. 100 sand content 0% 330,000 PPM salt, w/l 7, f/c 2/32 20% LCM, ph 7.5, oil 0%, solids 19%. Bit No. 45 9-7/8" SV2 cut 62' from 2840' to 2902' in 8 1/4 hrs. Bit No. 46 9-7/8" DT2G cut 38' from 2902' to 2940' in 2 1/2 hours, survey 2840' 22°. Drilling time 10-3/4 hours, lost time 13 1/4 hours -- 1/2 survey, 3 1/4 hrs. trip, 9 1/2 hrs. pump repairs, no hole trouble no mud lost. Presently drilling.

October 10, 1966:

Depth 2985', drilled 45' in 10 1/2 hours, 56 days, pump 500, table 80, weight on bit 12 tons, mud wt. 10, vis. 70, sand content 0%, 330.000 PPM salt, w/l 7, f/c 2/32, 30% LCM, ph 7.5, oil 0%, solids 10%. Bit No. 46 9-7/8" DT2G cut 14' from 2940' to 2954' in 4 1/2 hours, Bit No. 47 ~~DT2G~~ 9-7/8" DT2G cut 31' from 2954' to 2985' in 6 hours. Survey 2954' 21°. Drilling Time 10 1/2 hours, lost time 13 1/2 hours -- 2-3/4 hrs. work on pump, 1-3/4 hrs. trip out of hole, 4 1/2 hrs. clean mud tank mix mud, 1 1/2 hours trip in with bit #47, 3 hrs. work on pump. no shalē, shaker motor, no mud lost last 24 hours, Presently drilling.

October 11, 1966:

Depth 3048', drilled 63' in 14 hours, 57 days, drilling. Pump 600, table 80, weight on bit 15 tons, mud wt. 10.5, vis. 90, sand content 0%, 330.000 PPM salt, w/l 6, f/c 2/32, ph 7.5, 2% LCM, oil 0%, solids 12%, Bit No. 47 9-7/8" DT2G cut 45' from 2985' to 3030' in 9 ~~XX~~ hours, Bit No. 48 9-7/8" OSCIGJ cut 18' from 3030' to 3048' in 5 hours. Survey 3030' 22°. Drilling time 14 hours, lost time 10 hours -- 2 1/2 hours work on pump, 1/2 hour survey, 2 hours trip out with bit No. 47, 3 hours mix mud for volume change pins in top reamer, 1 1/4 hours trip in hole, 3/4 hour work on pump, no mud lost last 24 hours.

October 12, 1966:

Depth 3110', drilled 62' in 11 1/4 hours, 58 days, stuck with bit at 3080'. Pump 600, table 80, weight on bit 15 tons, muc st. 10.8, vis. 90, sand content 0%, 330.000 PPM, salt, w/l 12, f/c 2/32, 3% LCM, ph 7.5, oil 0%, solids 12%, bit No. 48 9-7/8" OSCIG cut ~~XX~~ 62' from 3048 to 3110' in 11 1/4 hours. Drilling time 11 1/4 hours, lost time 12-3/4 hours -- 1 1/2 hours-repair pump, 1/4 survey, 8 hours drop survey, put Kelly on start pump pipe stuck can circulate all right wait on McCullough, ~~8 XXXXX~~ 3 hours rig up run free ~~X~~ point, 2100' stuck, 2075' 50% stuck, 2050' free.

October 13, 1966:

Depth 3710', pipe stuck with bit at 3080'. Lost time 24 hours -- 3 hours wait on diesel spot 40 bbls. #2 diesel with 100 gallons free pipe, 14 hours work pipe every 1/2 hour wait on fisherman and Johnston tester, 2 hours run free point indicator found pipe free at 2725', ordered out more diesel fuel and free pipe.

October 14, 1966:

Depth 3110', drilled 0', mixing mud for volume. 60 days, pump 500, mud wt. 10.5, vis. 70 sand content 0%, w/l 8, 330.000 PPM salt, f/c 2/32, ph 8, oil 0%, solids 13%, bit No. 48 9-7/8" OSCIG. Lost time 24 hours -- 5-3/4 hours wait on diesel fuel and free pipe, 1/2 hour spot 40 bbls diesel with 200 gallons free pipe from 3110 to 2500', 13-3/4 hours work pipe and let mixture set around stuck pipe during this time mud began to fall in annulus. Build up mud voluem and after 13 1/2 hours started to pump mud thru drill pipe, lost total of ~~XXX~~ 500 bbls. mud, the ~~XX~~ 2 diesel oil pipe free mixture never did come to surface after getting returns. they will run the ~~X~~ free ~~XXXX~~ point indicator.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

12. COUNTY OR PARISH 13. STATE

Sevier

Utah

1. OIL WELL  GAS WELL  OTHER  Wildcat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

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

2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

-

KB 5982.05', GR 5971.00'

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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) Supplementary history

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.)\*

Depth 3110', repairing drawworks engine. Have fish and fishing string in hole.

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

SIGNED B. W. Craft

General Manager, Production  
and Transmission

DATE Oct. 17, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

October 15, 1966:

Depth 3110', 0', 61 days, mud wt 10.5, vis. 70, sand content 0%, 325,000 ppm salt, 15% LCM, w/l 8, f/c 2/32, ph 8, oil 0%, solids 13%, lost time 24 hours--4½ run free point, place shots at 2876' 2702', backed off 2554' leaving 1 jt 4½" drill pipe 16 drill collars, shock sub in hole; ¾ trip out; 1 pick up tester; 10¼ run tester, on first run set packer at 2539' packer would not hold, pulled out of hole, picked up 10 more' of anchor and 1 more packer, trip in hole, set packers at 2529' & 2523', opened tool, packers held good, but fish did not come loose, reset packer, fish still stuck, pulled out of hole, load out test tools; 3 build mud volume; ½ pick up unlatching tool, jars, bumper sub and nine 5" drill collars. Will go in hole condition mud & hole then latch on to fish and try to jar loose, have 8-1/8"OD wash pipe on way to location. Pick up fishing tools.

October 16, 1966:

Depth 3110', 62 days, pump 600, mud wt 10, vis 100, sand content 0%, 315,000 ppm salt, 20% LCM, w/l 8, f/c 2/32, ph 8, solids 11%, lost time 24 hours--2 trip in hole with latch on tool, jars, bumper sub and nine 5" drill collars, latch onto fish at 2554', circulate jar on fish and wait on diesel ~~XXXX~~ fuel; ½ mix 600 gallons #2 diesel with 125 gallons pipe lax, pump in hole and displace with 40 bbls mud, this would place the mixture from the bit to about 2500', immediately after displacing the fishing string became stuck, could not get jars or bumper sub to work; 8-¾ move the mixture by pumping 5 bbls mud down drill pipe each ½ hour and try to work fishing tools loose; ¼ 4 circulate thru fish try to work pipe loose while waiting on McCullough; 1 attempt to run free point, mud too thick; 2 circulate and lower viscosity of mud; ¼ run free point. Run free point.

October 17, 1966:

Depth 3110', 63 days, pump 400, table 60, wt on bit 2 tons, mud wt 10.5, vis 100, sand content 0%, 315,000 ppm salt, 20% LCM, w/l 8, f/c 2/32, ph 8, oil 0%, solids 12%, bit no. 48 9-7/8" OSCLG, lost time 24 hours--run free point indicator, stuck at 2301', place shot at 2417' in drill collars, back off at 2297' leaving eight 5" drill collars, jars, bumper sub and unlatching tool in hole on top of original fish; 1 trip out; 1 install new chain on drawworks; 1 pick up 2 jts. 8-1/8"OD wash pipe, jars and one 5" drill collar; 2½ trip in hole, hit tight spot at 1450'; ½ wash over 3'; ½ work on draw works engine; 1½ trip out; 12 wait on mechanic and work on engine, diesel fuel is getting into the motor oil. After engine is repaired they will go in the hole with 2 jts 8-1/8" wash pipe jars bumper sub safety joint and four 6-3/16" drill collars. Repair drawworks engine.

October 18, 1966:

Depth 3110', 0', 64 days, pump 500, mud wt. 10.1, vis. 68, 332,000 ppm salt, ~~8%~~ 8% LCM, w/l 11, f/c 2/32, ph 7, oil 8%, solids 14%, lost time 24 hours--½ repair drawworks engine; 1¼ trip in hole with 2 jts. 8-1/8" wash pipe; ½ repair pump; 1 clean out over first 10' of fish, the wash pipe then went to 2363', the top of the cap sub on wash pipe without hitting anything; ½ circulate; 1 trip out; 1 pick up 3 more jts. 8-1/8" wash pipe, total 5 jts; 1 trip in wash pipe went over fish to top of cap sub without any trouble, wash shoe at 2459'; 2¼ trip out, stand back wash pipe, pick up sub jars, four 6-3/16" drill collars, trip in; ½ screw into fish, could circulate OK, jarred on fish for 15 minutes when fishing string unscrewed from fish, screwed into fish again, got circulation but could not get jars to work. Ran free point found pipe stuck at 2226' free at 2207'; 12½ circulate thru fish, wait on diesel fuel, have 100 bbls #2 diesel fuel ordered from Moab, Utah.

October 19, 1966:

Depth 3110', 65 days, pump 500, mud wt 9.8, vis 72, 332,000 ppm salt, sand content ½%, w/l 10, f/c 2/32, ph 7, 8% LCM, oil 0%, solids 14%, lost time 24 hrs--4 wait on diesel; ½ mix 150 gallons pipe lax with 3150 gals. diesel, pump in displace with 40 bbls mud; 7½ move diesel; ½ bbl each ¼ hr work pipe; 4 run free point, free at 2240' stuck at 2270', tool jt. at 2228' placed 3 shots 490 grain at 2228' could not back off, ran free point free at 2150' stuck at 2180'. Put on Kelly hose circulated 2 hrs work pipe; 3 run free point stuck at 2180' free at 2150', rigged up backed off at 2138 leaving jars, sub, four 6-3/16" drill collars change sub and 1 jt 4½" drill pipe; 3 trip out pick up 1 5" collar 2 jts 8-1/8 wash pipe, trip in had no trouble washing over the fish, will pull out and pick up 4 more jts. wash pipe, total 6 joints. Trip in with 2 jts 8-1/8" wash pipe.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instructions reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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  Wildecat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

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

2130' FSL, 2030' FEL, NW SE sec. 14

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WELLS

Wildecat

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

14-25S-5E., SLB&M

14. PERMIT NO.

-

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

KB 5982.05', GR 5971.00'

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

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)

Supplementary history

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.)\*

Depth 3110', fishing.

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

General Manager, Production

SIGNED B. W. Croft

TITLE and Transmission

DATE Oct. 24, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

October 24, 1966:

Depth 3110', 0', 70 days, mud wt. 10, vis. 100, sand content  $\frac{1}{4}\%$ , w/l 9.6, f/c 2/32, ph 7.5, oil 5%, solids 15%, lost time 24 hours--3 spot 800 gallons #2 diesel oil with 40 gallons pipe lax; 21 spot 2500 gallons #2 diesel mixed with 125 gallons pipe lax, move mixture  $\frac{1}{4}$  bbls each  $\frac{1}{4}$  hour, mixture has been in place since 10:00 AM 10-23-66.

October 25, 1966:

Depth 3110', 0', 71 days, mud wt 9.9, vis. 90, sand content  $\frac{1}{4}\%$ , 330,000 ppm salt 2% LCM, w/l 3.8, f/c 2/32, ph 8, oil 5%, solids 15%, lost time 24 hours--2 diesel oil pipe lax mixture spotted around fish; 2 run free point, stuck at 2402' top of drill collars, back off 2371', left one single, change sub, four 6-3/16" drill collars, 6 joints wash pipe, spear in hole;  $1\frac{1}{2}$  trip out; 1 pick up eight 5" drill collars, bumper sub, safety joint, trip in hole screw into fish; 2 jar down on fish;  $2\frac{1}{2}$  trip out stand back drill collars, trip in with drill pipe open ended;  $8\frac{1}{2}$  circulate and condition mud;  $3\frac{1}{2}$  trip out pick up eight 5" drill collars, jars, bumper sub, 2 packers and Johnston test tool, trip in, hit tight spot at 1400', could not get below 1462' with test tool, now pulling out of hole. Will go in with 9-7/8" bit and clean out to top of fish.

October 26, 1966:

Depth 3110', 0', 72 days, pump 500, mud wt. 10, vis 95, sand content 0%, 330,000 ppm salt, 2% LCM, w/l 4, f/c 2/32, ph 8, oil 4%, solids 12%, lost time 24 hours-- $4\frac{1}{2}$  trip out, stand back test tool, trip in with 9-7/8" bit, clean out bridges from 1400' to 1700' then ran on to 2370';  $1\frac{1}{2}$  circulate condition mud and hole; 3 trip out with bit, pick up test tool. Set bottom packer at 2355', had very strong blow for 5 minutes then the fishing tools fell loose; 10 trip ~~xx~~ out of hole with test tool and all of the fish, laid down wash pipe and all the drill collars. Will go in hole with four 6-3/16" drill collars and 9-7/8" bit;  $4\frac{1}{2}$  mix and condition mud in tank;  $\frac{1}{2}$  wait on drilling line. Waiting on drilling line.

October 27, 1966:

Depth 3110', 0', 73 days, pump 600, table 50, mud wt 103, vis 43, 330,000 ppm salt, 2% LCM, sand content  $\frac{1}{4}\%$ , w/l 4.2, f/c 2/32, ph 8, oil 12%, solids 15%, lost time 24 hours-- $1\frac{1}{4}$  wait on drilling line,  $4\frac{1}{2}$  string up new drilling line; 3 trip in hole, break circulation at 1725';  $2\frac{1}{2}$  circulate condition mud and hole, have not lost any mud, no bridges, no fill up, measure in hole to 3110'. Condition mud & hole.

October 28, 1966:

Depth 3104.66' PB, 0', 74 days, mud wt ~~103~~ 10.3, vis. 113, 330,000 ppm salt, 2% LCM, sand content  $\frac{1}{4}\%$ , w/l 4.2, f/c 2/32, ph 8, oil 12%, solids 15%, lost time 24 hours--7 circulate condition mud and hole; 2 trip out, lay down drill collars; 2 wait on Dowell;  $2\frac{1}{2}$  run 7-5/8" casing;  $3/4$  circulate; 3 cement first stage; 2 cement 2nd stage;  $4-3/4$  wait on cement. Ran 98 jts. 1 piece 7-5/8", J-55, 26.4#, ST&C casing, land at 3104.66' KEM, cement 1st stage with 300 sacks of cement, plug down 12:15 AM, 2nd stage 194 sacks of cement, plug down 2:15 AM, cement was salt saturated with 2% calcium chloride, had full returns while cementing and displacing, could rotate until 40 barrels of the first stage was displaced. Waiting on cement.

CASING REPORT

	Net	Gross
1 piece 7-5/8"OD, 26.4#, J-55, 8rd thd ST&C	22.75'	23.02'
34 jts. 7-5/8"OD, 26.4#, J-55, 8rd thd ST&C casing	1,066.73'	1,075.91'
1 Baker model J-1 stage cementing collar, 7-5/8", 8rd thd, ST&C	1.80'	2.07'
63 jts. 7-5/8"OD, 26.4#, J-55, 8rd thd, ST&C casing	1,965.40'	1,982.41'
1 Baker Flexi-Flow 7-5/8" collar	1.45'	1.72'
1 jt. 7-5/8"OD, 26.4#, J-55, 8rd thd, ST&C	31.97'	32.24'
1 Baker Flexi-Flow 7-5/8" shoe	1.85'	1.85'
	3,091.95'	3,119.22'
Left on rack:		
1 pc. 7-5/8", 26.43#, J-55, 8rd thd, (no pin)	7.50'	7.50'
3 jts. 7-5/8", 26.4#, J-55, 8rd thd, ST&C	95.82'	96.63'
6 jts. condition 2, 7-5/8", 26.4#, J-55, 8rd thd, ST&C	188.50'	190.12'
	291.82'	294.25'

October 20, 1966:

Depth 3110', 0', 66 days, pump 500, table 60, wt on bit 2-3 tons, mud wt. 9.9, vis. 95, sand content  $\frac{1}{2}\%$ , 330,000 PPM salt, 6% LCM, w/l 8.8, f/c 2/32, ph 7, oil 6%, solids 14%, bit no. 48 9-7/8" OSCLGJ, lost time 24 hours-- $\frac{1}{4}$  circulate over fish with 2 jts. wash pipe; 4 trip out, pick up 4 more joints of 8-1/8" wash pipe, total 6 jts, trip in hole; 3 clean out over fish to 2330' with shoe; 1 circulate;  $5\frac{1}{2}$  pull wash pipe stand back, trip in with drill pipe, screw into fish, ran free point, pipe free at 2150' stuck at 2180', ran shot back off at 2138' original top of fish, trip out of hole; 1-3/4 trip in with 6 jts. 8-1/8" wash pipe;  $\frac{1}{2}$  clean out to 2330'; 2 circulate build viscosity; 3 trip out with wash pipe, back in with drill pipe screw into fish at 2138', ran free point stuck at 2180', free at 2150', ran shot backed off at 2138', trip out. Will go back in hole with 6 jts. wash pipe clean out to 2330' then spot 20 bbls diesel with 40 gals pipe lax around fish. Fishing.

October 21, 1966:

Depth 3110', 0', 67 days, pump 500, table 50, wt on bit 1 ton, mud wt. 9.9, vis. 95, sand content  $\frac{1}{2}\%$ , 325,000 ppm salt 6% LCM, w/l 8.8, f/c 2/32, ph 7, oil 6%, solids 14%, lost time 24 hours--1 wait on diesel;  $1\frac{1}{4}$  trip in with 6 jts. 8-1/8" wash pipe;  $\frac{1}{2}$  mix 800 gallons diesel with 40 gallons pipe lax; 1 circulate with wash pipe over fish with washover shoe at 2330'; 3/4 pump in diesel fuel pipe lax mixture;  $2\frac{1}{2}$  trip out with wash pipe, trip in screw into fish run free point stuck at 2180' free at 2150'; 1 circulate thru fish re-run free point found pipe stuck at same place. Fired shot at 2327', pipe would not back off. Backed off at 2138';  $5\frac{1}{2}$  trip out pick up Lebus washover spear inside 6 joints of 8-1/8" washover pipe; trip in over fish; 4 rig up McCullough try to run free point could not get below top of spear at 2130', went in hole with string shot, shot at 2327', recovered 1 joint  $4\frac{1}{2}$ " drill pipe, one change sub, four 6-3/16" drill collars, change sub jars, change sub and one 5" drill collar. Will go in hole with 6 jts. wash pipe and Lebus washover spear. Top of fish at 2327'. Lay down fish.

October 22, 1966:

Depth 3110', 0', 68 days, pump 500, table 80, wt on bit 3-5 tons, mud wt 10, vis 100, sand content 0%, 330,000 ppm salt, 5% LCM, w/l 12, f/c 2/32, ph 8, oil 5%, solids 15%, lost time 24 hours--1 handle fish, stand back drill collars; 3/4 check wash pipe, spear & shoe; 1 trip in hole with 6 jts. 8-1/8" wash pipe & spear; 1-3/4 wash over to 2513';  $\frac{1}{2}$  circulate; 1 jar and work pipe unlatch fish at the unlatching tool 2553'; 3 trip out stand back fish seven 5" drill collars, 2 subs jars bumper sub and  $\frac{1}{2}$  of unlatching tool; 1 check wash pipe install spear; 3/4 trip in with jars four 6-3/16" drill collars, 6 jts 8-1/8" wash pipe;  $2\frac{1}{2}$  wash over from 2553 to 2608' shoe quit going; 1-3/4 rig up run free point free at 2608' stuck at 2612', the tool joint on 2nd drill collar did not try to back off; 1/2 try to wash over below 2608' would not go;  $4\frac{1}{4}$  trip out ~~was~~ shoe worn out, removed spear from wash pipe the screws that hold slips were broken, install new shoe went in hole with four 6-3/16" drill collars, 6 jts 8-1/8" wash pipe;  $2\frac{1}{2}$  wash over from 2608 to 2747, top of cap sub;  $1\frac{1}{4}$  circulate condition mud;  $\frac{1}{2}$  trip out with wash pipe, will stand  $\frac{1}{2}$  of the unlatching tool, catch fish, run free point and back off all the fish they can.

October 23, 1966:

Depth 3110', 0', 69 days, pump 500 table 60, wt on bit 3-5 tons, mud wt 10, vis 100, sand content  $\frac{1}{4}\%$ , 315,000 ppm salt, 6% LCM, w/l 9.6, f/c 2/32, ph 7.5, oil 4%, solids 15%, bit no. 48 9-7/8" OSCLG, lost time 24 hours-- $1\frac{1}{2}$  trip out of hole with wash pipe, stand back wash pipe;  $1\frac{1}{2}$  run in hole with latch on tool, jars and four 6-3/16 drill collars, latch onto fish, run free point stuck at 2553' top of fish;  $1\frac{1}{2}$  unlatch from fish, trip out; 3/4 pick up wash pipe, place spear in top joint; 1 trip in with six jts 8-1/8 wash pipe;  $\frac{1}{2}$  wash over fish from 2553 to 2747', pulled wash pipe shoe to 2725';  $\frac{1}{2}$  circulate ;  $\frac{1}{2}$  try to run shot through spear, would not go. Pulled shot straightened bar, went back in hole could not get shot thru spear, would not go, pulled out of hole, started to release spear found wash pipe stuck, put on kelly, could not circulate but was pipe stuck jars, would not work; 1 run free point stuck at 2402, top of the drill collars on wash pipe;  $1\frac{1}{2}$  circulate try to free stuck wash pipe; 1 mix 800 gallons #2 diesel with 40 gals. pipe lax, pump down drill pipe, displace with 25 bbls mud; 10 move diesel fuel;  $\frac{1}{2}$  bbl every  $\frac{1}{2}$  hour, wash pipe still stuck, jars wont work. Diesel oil pipe lax spotted around fish.

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

**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  Wildcat

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5982.05' GR 5971'

**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) Supplementary history

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.)\*

Depth 3350', mixing mud. Have recovered all of the fish.

Landed 3091.95' net, 3119.22' gross of 7-5/8", 26.4#, J-55 casing at 3104.66' KBM and set with 494 sacks of regular cement treated with 16% salt and 2% calcium chloride.

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

SIGNED

*B. W. Croft, Jr.*

TITLE

General Manager, Production and Transmission

DATE

Oct. 31, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Landed above casing at 3104.66' KBM with the top of casing at 12.71' below KB. Landed with 64,000 pounds indicator weight on "BF" casing slips in "R" series 900 surface casing flange. Stage cementing collar is at 1102.19' KBM. Cemented in two stages. First stage 300 sacks regular cement treated with 16% salt and 2% calcium chloride, circulated with 175 barrels of mud, mixed and displaced cement with mud. Casing rotated while circulating and pumping first 40 barrels of cement slurry. Would not rotate during rest of job, cement in place 12:15 AM 10-28-66.

2nd stage. Opened stage cementing collar and cemented 2nd stage with 194 sacks of regular cement treated with 16% salt and 2% calcium chloride. Cement in place 2:15 AM 10-28-66. There is a Baker metal petal basket on first joint of casing below stage cementing collars. A Baker casing centralizer is on the first casing collar above the stage cementing collar. Tack welded the bottom of the ~~XXX~~ first 4 casing collars of casing and the first 4 casing collars above the stage cementing collars. Used Baker LOK thread locking compound on float shoe, float collar and 4 jts above the float collar and used Baker LOK on stage cementing and 4 jts. above the stage cementing collars.

October 29, 1966:

Depth 3110', 0', 74 days, pump 800, table 40, wt on bit 6 tons, mud wt. 9.8, vis. 48, bit on. 49 6-3/4" 4W4H drilled stage cement collar, lost time 24 hours--9 1/2 nipple up, pressure test 12" 900 x 10" 900 casing spool to 2000 psi, held good, unloaded 3 1/2" Hydril drill pipe, load out MFSCO trucks; 3 1/2 lay down 4 1/2" drill pipe; 8 pick up 3 1/2" Hydril drill pipe; 6-3/4" bit and casing scraper and stand back in derrick; 2 go into hole to 1090' and drill out cement and stage cementing collar; 1 going on to bottom to top of float collar and clean out and displace mud. Drill out stage collar; clean out to casing float collar.

October 30, 1966:

Depth 3117', 7', 75 days, ~~XXXX~~ 300 psi air, table 75, wt on bit 5 tons, bit no. 49 6-3/4" 4W4 cut 7' from 3110' to 3117' in 1/4 hour, lost time 23-3/4 hours--1-3/4 finish trip in with drill pipe, clean out cement to 3070' top of float collar; 3/4 displace mud with water; 1 trip out; 3 1/2 log; 1 1/2 rig up to air drill; 2 pressure test BOP & casing 1500# OK; 12 1/4 trip in unload water, blow hole; 1 drill cement float and shoe, Lane Wells indicate top of good cement 2390', fair cement to 1280', second cement stage collar 1102', cement at 940', 1000 Mcf of circulating air. Clean out hole.

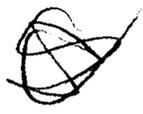
October 31, 1966:

Depth 3350', 223', 76 days, 300 psi air, table 65, wt on bit 1-2 tons, bit no. 49, 6-3/4" 4W4 cut 223' from 3117' to 3350' in 10 hours, lost time 14 hours--4 blow well, work bit from 3350' to 3110'; 4 1/2 lay down 3 1/2" Hydril pipe; 5 1/2 remove ~~rotation~~ rotating head, rig up to mud drill, clean mud tanks, mix mud, well dusted good while drilling from 3117' to 3333' water started to drip from end of flare line at 3343', mixed 1 qt soap in 4 bbls water, injected 4 barrels per hour, pressure built up to 600 psi then the well unloaded, pressure dropped to 350 psi then built up to 1300 psi and could not circulate and could not rotate, broke Kelly and worked 8 joints out of hole then pipe freed up. Mixing mud.

November 1, 1966:

Depth 3350', 0', 77 days, pump 800, table 60, wt on bit 5 tons, mud wt. 8.6, vis. 55, sand content 0%, w/1 14, f/c 2/32, ph 10, oil 0%, solids 4%, bit no. 50 6-3/4" OSCLG clean out, lost time 24 hours--6 rig up to mud drill, mix mud; 4 pick up 3 1/2" drill pipe; 1 fill hole with bit at 3074'; 6 clean out 3115' to 3278'; 2 stuck at 3278', work pipe loose; 1 1/2 mix mud; 2 trip, check drilling string; 1 1/2 wash from 3200' to 3278', hole caving. Will get water loss lower and clean hole up before trying to drill. Clean out at 3278'.

*316*



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER **Desert Wash**  
UNIT .....

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State **Utah** County **Sevier** Field **Desert Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **OCT** - 1966, 19.....

Agent's address **P.O. Box 11368** Company **MOUNTAIN FUEL SUPPLY COMPANY**

**SALT LAKE CITY, UTAH 84111** Signed *J. Murphy*

Phone **328-8315** Agent's title **DIVISIONAL CHIEF ACCOUNTANT**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If done, so state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
					<b>Utah 073144 - N. K. ROBERTSON</b>					
<b>NW SE 14</b>	<b>258</b>	<b>5E</b>	<b>1-A</b>							<b>Spudded 8-15-1966 Drilling 3350' October 31, 1966</b>

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

**Drip Oil**

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424

*Handwritten initials*

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>Utah 073144</u>	
2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 	
3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u>		7. UNIT AGREEMENT NAME <u>Desert Wash Unit</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <u>2130' FSL, 2030' FEL, NW SE sec. 14</u>		8. FARM OR LEASE NAME <u>Unit Well</u>	
14. PERMIT NO. <u>-</u>		9. WELL NO. <u>1-A</u>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>KB 5982.05' GR 5971'</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <u>14-25S-5E., SLB&amp;M</u>	
		12. COUNTY OR PARISH <u>Sevier</u>	13. STATE <u>Utah</u>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Depth 4316', drilling.

DST #3: 4090'-3990', Moenkopi, open 6 hours, SI 1 hour, tool opened with strong blow decreasing to weak in 1 hour and remaining weak. Recovered 3000' of muddy water.

IHP 1959, IF 474, FF 1454, SIP 1565, FHP 1953 psi.

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

SIGNED B.W. Craft TITLE General Manager, Production and Transmission DATE Nov. 7, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Bob Meyers - Mtn. Fuel - sec 14 T25S  
R5E

Desert Wash 1-A Levee Co.

$7\frac{5}{8}$  @ 3104 1102 steps collar

940 ft of Canal

Went reconer

T.P. 4590

top below  $7\frac{5}{8}$ "

→ set in monument

coner 4562

Healot 4404

① 4575 - 4350 - top coner  
Healot Canal - (47 sb)

② 50' in & 50' out (22 sb)  
3154 - 3054

③  $7\frac{5}{8}$  -  $13\frac{3}{8}$  - annulus = 6 sb  
inside  $7\frac{5}{8}$ " = 8 sb / marker

11/11/66

PMB

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

Desert Wash Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

12. COUNTY OR PARISH | 13. STATE

Sevier

Utah

1. OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

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

2130' FSL, 2030' FEL, NW SE sec. 14

14. PERMIT NO.

-

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

KB 5982.05', GR 5971'

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\*

Supplementary history

(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.)\*

Total depth 4590'.

E log tops: Carmal 332', Navajo 1466', Kayenta 2415', Wingate 2610', Chinle 2945', Shinarump 3082', Moenkopi 3180', Sinbad 4095', Lower Moenkopi 4235', Kaipab 4400' and Cocoino 4562'.

We would like your permission to plug and abandon the subject well as follows:

- Plug No. 1: 4575-4350', 47 sacks
- Plug No. 2: 3154-3054', 22 sacks (50' in and out of the 7-5/8" casing)
- Plug No. 3: 10' in top of the 7-5/8" x 13-3/8" annulus, 6 sacks
- Plug No. 4: 10' in top of the 7-5/8" casing, 3 sacks

During a telephone conversation with R. G. Myers, verbal approval was granted by Mr. Rodney Smith of the U.S.G.S. on November 10, 1966 and by Mr. Paul Burchell of the Utah Oil & Gas Conservation Commission on November 11, 1966 to plug and abandon the subject the well.

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

SIGNED B.C. Craft

TITLE General Manager, Production and Transmission

DATE November 11, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Utah 073144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 Wildcat

7. UNIT AGREEMENT NAME

Desert Wash Unit

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

8. FARM OR LEASE NAME

Unit Well

3. ADDRESS OF OPERATOR  
P. O. Box 1129, Rock Springs, Wyoming 82901

9. WELL NO.

1-A

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

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

14-25S-5E., SLB&M

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 5982.05' GR 5971'

12. COUNTY OR PARISH

Sevier

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Total depth 4590', rig released on November 11, 1966, well plugged and abandoned as follows:

- Plug No. 1: 4575'-4350', 47 sacks.
- Plug No. 2: 3154'-3054', 22 sacks (50' in and out of the 7-5/8" casing).
- Plug No. 3: 10' in the top of the 7-5/8" x 13-3/8" annulus, 6 sacks.
- Plug No. 4: 10' in the top of the 7-5/8" casing, 3 sacks.

A U.S.G.S. regulation abandonment marker will be installed at a later date.

18. I hereby certify that the foregoing is true and correct  
 SIGNED B. N. Craft pz TITLE General Manager, Production and Transmission DATE Nov. 15, 1966

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R355.5.

10 OK

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**Mountain Fuel Supply Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1129, Rock Springs, Wyoming 82901**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **2130' FSL, 2030' FEL, NW SE sec. 14**  
At top prod. interval reported below **Same**  
At total depth **Same**

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED **8-15-66** 16. DATE T.D. REACHED **11-9-66** 17. DATE COMPL. (Ready to prod.) **11-11-66** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **KB 5982.05'** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **4590'** 21. PLUG BACK T.D., MD & TVD **Abandoned** 22. IF MULTIPLE COMPL., HOW MANY\* **-** 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **0-4590'** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
**Dry and abandoned** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Directional, Induction-Gamma Ray** 27. WAS WELL CORDED **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	326.53	17-1/2	325	0
7-5/8	26.4	3104.66	9-7/8	494	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION **Abandoned** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
**Directional log, Induction-Gamma Ray log, well completion, well lithology**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
**GENERAL MANAGER**  
SIGNED **BW. Coyle** TITLE **PRODUCTION AND TRANSMISSION** DATE **Nov. 29, 1966**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

November 19, 1966:

Depth 4503', 55', 85 days, pump 800, table 70, wt on bit 10 tons, mud wt. 9.4, vis. 50, sand content 0%, w/l 4.4, f/c 2/32, ph 9.5, oil 6%, solids 7%, bit no. 57 6-3/4" OWC cut 30' from 4448' to 4478' in  $4\frac{1}{4}$  hours, bit no. 58 6-3/4" OWC cut 25' from 4478' to 4503' in 5 hours, survey 4478'  $4\frac{1}{2}^{\circ}$ , drilling time  $9\frac{1}{4}$  hours, lost time 14-3/4 hours-- $6\frac{1}{2}$  trip for bit #58;  $1\frac{1}{2}$  ream 35' with bit no. 58;  $6\frac{1}{4}$  trip for bit #59;  $\frac{1}{4}$  repair;  $\frac{1}{4}$  survey. Trip in with bit no. 59.

November 10, 1966:

Depth 4590', 87', 86 days, pump 900, table 60, wt on bit 10 tons, mud wt 9.4, vis. 10, sand content  $\frac{1}{4}\%$ , w/l 7, f/c 2/32, ph 10, oil 4%, solids 8%, bit no. 59 6-3/4" W7R2 cut 38' from 4503' to 4541' in  $6\frac{1}{2}$  hours, bit no. 60 6-3/4" L4H cut 49' from 4541' to 4590' in  $8\frac{1}{4}$  hours, drilling time 14-3/4 hours, lost time  $9\frac{1}{4}$  hours-- $4\frac{1}{2}$  trips;  $\frac{1}{2}$  ream 20' with bit no. 59;  $\frac{1}{2}$  repairs; 3/4 ream 15' with bit #60; 2-3/4 circulate to log, lost 70 barrels mud at 4523'. Circulate for logs.

November 11, 1966:

Depth 4590', 0', 88 days, lost time 24 hours--4 circulate, make short trip; 3 measure out of hole 4589.26'; 4 log; 6 wait on orders; 4 lay down 14 drill collars, pick up 14 jts. of drill pipe, trip in to 3100' open ended; 3 wait on Dowell. Waiting on Dowell.

November 12, 1966:

TD 4590', 0', 88 days, lost time 16 hours--1 wait on Dowell; 2 trip in to 4575' and circulate; 5 lay cement plugs and lay down  $3\frac{1}{2}$ " drill pipe; 5 strip collar and remove intermediate casing spool and surface casing flange; 3 clean mud pits and set surface plugs.

RIG RELEASED 11:00 PM 11-11-66.

- Plug No. 1: 4575'-~~55~~ 4350' - 47 sacks
- Plug No. 2: 3154'-3054' - 22 sacks (in and out 7-5/8")
- Plug No. 3: 10' in 7-5/8" x 13-3/8" annulus
- Plug No. 4: 10' in 7-5/8" casing.

November 2, 1966:

Depth 3476', 126', 78 days, pump 800, table 75, wt on bit 8 tons, mud wt. 8.7, vis. 40, sand content 0%, w/l 8, f/c 2/32, ph 9.5, oil 0%, solids 4%, bit no. 50 6-3/4" OSC1G cut 14' from 3350' to 3364' in 1 1/2 hours, bit no. 51 6-3/4" OSC1G cut 112' from 3364' to 3476' in 10-1/4 hours, survey 3386' 18°, drilling time 11-3/4 hours, lost time 12 1/4 hours--6 clean out from 3278' to 3350'; 5 1/2 trip, put rubber casing protectors on 100 joints; of 3 1/2" drill pipe; 1/2 survey; 1/4 repairs. No hole trouble now. Drilling.

November 3, 1966:

Depth 3751', 275', 79 days, pump 800, table 75, wt on bit 10 tons, mud wt. 9, vis. 50, sand content 1/4%, w/l 6, f/c 2/32, ph 9.5, oil 3%, solids 5%, bit no. 51 6-3/4" OSC1G cut 75' from 3476' to 3551' in 7 hours, bit no. 52 6-3/4" OSC1G cut 200' from 3551' to 3751' in 12 1/2 hours, survey 3551' 12°, drilling time 19 1/2 hours, lost time 4 1/2 hours--4 1/4 survey and trip; 1/4 pump repair. Drilling.

November 4, 1966:

Depth 3980', 229', 80 days, pump 800, table 70, wt on bit 10 tons, mud wt. 9.6, vis. 47, sand content 1/4%, w/l 6.8, f/c 2/32, ph 9.5, oil 4%, solids 6%, bit no. 52 6-3/4" OSC cut 63' from 3751' to 3814' in 4 1/2 hours, bit no. 53 6-3/4" K2P cut 176' from 3814' to 3980' in 9-3/4 hours, survey 3817' 7°, drilling time 14 1/4 hours, lost time 9-3/4 hours--4-3/4 trip; 1/4 survey; 4-3/4 pump repairs. Drilling.

November 5, 1966:

Depth 4090', 110', 81 days, pump 800, table 75, wt on bit 10 tons, mud wt. 8.8, vis. 57, sand content trace, w/l 7, f/c 2/32, ph 9, oil 6%, solids 6%, bit no. 53 6-3/4" Smith K2P cut 110' from 3980' to 4090' in 9 1/4 hours, survey 4090' 4 1/4°, drilling time 9 1/4 hours, lost time 14-3/4 hours--1/4 survey; 6-3/4 circulate for DST #3 and short trip; 7-3/4 DST #3. DST #3

November 6, 1966:

Depth 4160', 70', 82 days, pump 850, table 70, wt on bit 10 tons, mud wt. 8.8, vis. 57, sand content 0%, w/l 7, f/c 2/32, ph 9, oil 6%, solids 6%, bit no. 54 6-3/4" OSC cut 63' from 4090' to 4153' in 6-3/4 hours, bit no. 55 6-3/4" K2P cut 7' from 4153' to 4160' in 3/4 hour, drilling time 7 1/2 hours, lost time 16 1/2 hours--11 DST #3; 1/2 repairs; 5 trip. Drlg.

Drill Stem Test No. 3

Depth 4090', packers 3985' and 3990'

Moenkopi 3990-4090', intermittent sand stringers, no gas kick  
Tool open 6 hours, shut in 1 hour, tool opened with strong blow declining to weak in 1 hour, remained weak. Recovered 3000' muddy water chlorides 2750, res. .35' at 60° drilling mud; res. .75 chloride 6000. IHP 1959, IF 474, FF 1454, SIP 1565, FHP 1953.

November 7, 1966:

Depth 4316', 156', 83 days, pump 850, table 70, wt on bit 10 tons, mud wt. 9.4, vis. 58, sand content 0%, w/l 4.4, f/c 2/32, ph 10.5, oil 4%, solids 8%, bit no. 55 6-3/4" K2P cut 121' from 4160' to 4281' in 15 hours, bit non. 56 6-3/4" K2P cut 35' from 4281' to 4316' in 6 hours, survey 4281' 4 1/4°, drilling time 18 hours, lost time 6 hours--5-3/4 trip; 1/4 survey, lost 80 barrels of mud at 4218', had drilling break from lime back to shale. Drlg.

November 8, 1966:

Depth 4448', 132', 84 days, pump 850, table 70, wt on bit 10 tons, mud wt 9.4, vis. 55, sand content 0%, w/l 4, f/c 2/32, ph 10, oil 5%, solids 7%, bit no. 56 6-3/4" K2P cut 107' from 4316' to 4423' in 13 hours, bit no. 57 6-3/4" OWC cut 25' from 4423' to 4448' in 4-3/4 hours, drilling time 17-3/4 hours, lost time 6 1/4 hours--4 1/4 trip; 1 1/2 X ream to bottom with bit no. 57, bit no. 56 worn completely out; 1/2 repairs. Drilling.

New TD 4610'.

COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Desert Wash Unit Well No. 1-A

Area: Desert Wash Unit

Location: 2130 feet FSL, 2030 feet FEL, Section 14, Township 25 South, Range 5 East, Sevier County, Utah

Elevation: Ground 5971 feet, Kelly Bushing 5982 feet

Drilling Commenced: August 15, 1966. Drilling Completed: November 10, 1966.

Rig Released: November 11, 1966.

Tops: (E-log)	Entrada	Surface	Shinarump	3082 feet
	Carmel	332 feet	Moenkopi	3180 feet
	Navajo	1466 feet	Sinbad	4095 feet
	Kayenta	2415 feet	Lower Moenkopi	4235 feet
	Wingate	2610 feet	Kaibab	4400 feet
	Chinle	2945 feet	Coconino	4562 feet

Total Depth: 4590 feet

Casing: 13-3/8-inch landed @ 327 feet KBM with 325 sacks. 7-5/8-inch landed @ 3104.66 feet KBM with 300 sacks.

Plugs: 4575 feet to 4350 feet

3154 feet to 3054 feet

10 feet in 7-5/8-inch and 13-3/8-inch annulus

10 feet in 7-5/8-inch casing

Productivity: Dry and abandoned

Remarks: 7-7/8-inch hole was drilled to 3170 feet. Hole was reamed to 9-7/8-inch.

It is believed that the reamer got out of the original hole by 1800 feet and a new hole was drilled to 3110 feet. The drilling string was stuck at this depth. As soon as the fish was out of the hole, casing was run.

Drilling was commenced with air from beneath casing to 3350 feet at which time water was encountered in sufficient quantity to go to mud drilling. Mud was used to drill from 3350 feet to total depth.

DRILL STEM TESTS

No.	Interval	Initial Flow	Initial Shut-in	Final Flow	Final Shut-in	Remarks
1.	3050'-3171'		Misrun			
2.	3050'-3170'	69	--	201	287	45' mud.
*7.	3990'-4090'	472	--	1454	1553	Chart indicated plugging. 3000' muddy H <sub>2</sub> O. Tool opened 6 hrs.

\*Tests 3 through 6 were made by Drilling Department to free stuck drill pipe.

EGM:kjc

cc: J. E. Adney  
 R. M. Ball  
 G. D. Baston  
 D. W. Elias  
 E. A. Farmer, Jr.  
 S. J. Fisher  
 L. W. Folsom  
 V. B. Gras  
 J. M. Hummel

Mildred Jensen  
 E. R. Keller  
 K. A. Loya  
 R. G. Myers  
 N. D. Thomaidis  
 J. W. Toth  
 Paul Zubatch (6)  
 Development Section

FIELD Desert Wash Unit STATE Utah COUNTY Sevier SEC. 14 T. 25S R. 5E

COMPANY Mountain Fuel Supply Company FARM Desert Wash Unit WELL NO. 1-A

LOCATION 2130' FSL, 2030' FEL ELEV. Gr. 5971', K.B. 5982'

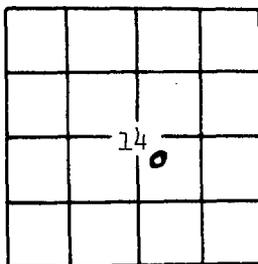
DRILLING COMMENCED August 15, 1966 COMPLETED November 10, 1966

RIG RELEASED November 11, 1966 TOTAL DEPTH 4590'

CASING RECORD 13-3/8" landed @ 327' KBM with 325 sacks. 7-5/8" landed @ 3104.66' KBM with 300 sacks.

TUBING RECORD \_\_\_\_\_

PERFORATIONS Dry and abandoned



I. P. GAS \_\_\_\_\_ OIL \_\_\_\_\_

SANDS \_\_\_\_\_

SHUT-IN SURFACE PRESSURES \_\_\_\_\_

REMARKS 7-7/8" hole was drilled to 3170'. Hole was reamed to 9-7/8". It is believed that the reamer got out of the original hole by 1800' and a new hole was drilled to 3110'. The drilling string was stuck at this depth. As soon as the fish was out of the hole, casing was run. Drilling was commenced with air from beneath casing to 3350' at which time water was encountered in sufficient quantity to go to mud drilling. Mud was used to drill from 3350 feet to total depth.

	FROM	TO
CHINLE - 2945 FEET		
Sandstone, red to brown, fine- to medium-grained, friable, subrounded; limestone, light grey to green, microcrystalline, argillaceous.	2580	2630
Sandstone, as above; trace of limestone, as above.	2630	2710
Sandstone, as above; fine-grained.	2710	2908
Dolomite, red to grey, fine crystalline; shale, as above; trace of green siliceous material.	2930	2940
Dolomite, red to grey, fine crystalline.	2940	2950
Dolomite, red to grey to green, fine crystalline.	2950	2960
Dolomite, red to grey, fine crystalline, trace of green dolomite.	2960	3040
Dolomite, as above; trace of sandstone, green, fine-grained, hard, tight.	3040	3050
Sandstone, red to brown, fine-grained, subangular, micaceous; shale, red, silty, firm; dolomite, medium grey, fine crystalline.	3050	3060
Sandstone, as above; with some white to green sandstone; dolomite, red to grey, fine crystalline; trace of shale, as above.	3060	3070
SHINARUMP - 3082 FEET		
Sandstone, grey to red, fine-grained, hard, tight; shale, red, silty in part.	3070	3090
Shale, as above; with some grey shale; sandstone, as above.	3090	3110
No Samples.	3110	3130
Shale, red, firm, silty, mottled with green.	3130	3160
MOENKOPI - 3180 FEET		
Shale, purple, firm, silty; with some buff and green shale.	3160	3190
Shale, dark red, silty.	3190	3210
Siltstone, purple, firm.	3210	3250
Siltstone, as above; with some sandstone, very fine-grained, light grey; shale, grey, green, buff.	3250	3260

FIELD Desert Wash Unit SEC. 14 T. 25S R. 5E PAGE 2  
 FARM Desert Wash Unit WELL NO. 1-A  
 COMPANY Mountain Fuel Supply Company

	<u>FROM</u>	<u>TO</u>
Siltstone, as above; with some yellow mineral?	3260	3270
Siltstone, as above.	3270	3321
Siltstone, as above; with sandstone, tan to light grey, fine-grained, well rounded, unconsolidated; started making small amount of water @ 3333.	3321	3330
Sandstone, as above.	3330	3340
No Samples.	3340	3350
Shale, as above; with some sandstone, as above.	3350	3360
No Samples.	3360	3380
Shale, red, brown, with some yellow and green, firm; trace of sandstone, tan, very fine-grained, hard, tight.	3380	3410
Shale, brown, trace of yellow, trace of green; with trace of dolomite, tan, hard, sandy.	3410	3450
Shale, brown, some purple, trace of green, firm.	3450	3480
Shale, brown, some purple, green, firm, silty.	3480	3550
Shale, brown, purple, with some yellow and green, firm, silty.	3550	3620
Shale, brown.	3620	3690
Shale, as above, very silty.	3690	3710
Shale, brown, purple, with some yellow and green, firm.	3710	3740
Shale, as above.	3740	3810
Shale, brown, with some green, silty, firm.	3810	3920
Shale, as above; with trace of sandstone, reddish brown to light grey, very fine-grained, silty, firm.	3920	3980
Siltstone, reddish brown, very sandy, firm; with trace of sandstone, grey, very fine-grained, hard, tight, silty.	3980	4000
Siltstone, as above.	4000	4070
Siltstone, as above; with trace of sandstone, light grey, very fine-grained, tight, firm, slightly calcareous.	4070	4082
Sandstone, light grey, very fine-grained to fine-grained, subrounded, firm, hard, tight, very calcareous, no show.	4082	4090
SINBAD - 4095 FEET		
Shale, as above; with limestone, medium-grained, hard, microcrystalline.	4090	4100
Siltstone, as above; trace of limestone, light to dark grey, microcrystalline, hard.	4100	4120
Limestone, as above.	4120	4160
Limestone, light to medium grey, hard, microcrystalline, with black inclusions; trace of chert, clear to milky.	4160	4190
Limestone, light to medium grey, hard, very sandy.	4190	4210
Limestone, cream, dolomitic, firm; with limestone, as above.	4210	4220
Limestone, cream, dolomitic, firm.	4220	4229
LOWER MOENKOPI - 4235 FEET		
Shale, dark red to brown, firm, silty; interbedded with siltstone, brown, firm.	4229	4270
Shale, as above; siltstone, as above.	4270	4404
KAIBAB - 4400 FEET		
Dolomite, pink, hard, sandy; trace of chert; with abundant shale, as above, and siltstone, as above.	4404	4420
Limestone, cream, hard, microcrystalline, dolomitic, sandy in part; dolomite, as above; shale and siltstone, as above.	4420	4440
Limestone, as above; dolomite, as above, with glauconitic and dead oil; shale and siltstone, as above.	4440	4480
Dolomite, white to cream, limey in part, glauconitic; with trace of white chert; shale, as above.	4480	4510

FIELD Desert Wash Unit SEC. 14 T. 25S R. 5E PAGE 3  
FARM Desert Wash Unit WELL NO. 1-A  
COMPANY Mountain Fuel Supply Company

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	<u>FROM</u>	<u>TO</u>
Dolomite, white to cream, limey in part; with trace of chert, white; shale, as above.	4510	4562
COCONINO - 4562 FEET		
Sandstone, white, very fine-grained, rounded, friable.	4562	4590

A Compac portable gas detector was used on this well.

EGM:kjc

12/1/66

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_  
UNIT Desert Wash

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Sevier Field Desert Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV - 1966, 19  ,

Agent's address P.O. Box 11368 Company MOUNTAIN FUEL SUPPLY COMPANY  
Salt Lake City, Utah 84111 Signed J. Murphy

Phone 328-8315 Agent's title DIVISIONAL CHIEF ACCOUNTANT

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<del>Utah 073144 - E.M. Robertson</del>										
NW 8E 14	258	5E	1-A							Spudded 8-15-1966 TD 4,590' P & A 11-11-66

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of ~~gasoline~~ <sup>Drip Oil</sup> during the month. (Write "no" where applicable.)

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