

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____ ✓
Card Indexed _____
IWR for State or Fee Land _____

Checked by Chief _____ *AKB*
Copy NID to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed *11-20-67*

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ *PAV*

State of Fee Land _____

LOGS FILED

Driller's Log *12-1-67*

Electric Logs (No.) *2*

E *Dual Lat* EI GR GR-N Micro _____

Lat _____ M-L *Beulah Camp* *66* Others _____
Sonic

lwp
8-15-90

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, 2134' FWL, NE SW sec. 16 - *Not Unorthodox*
 At proposed prod. zone
 Same *NE, NE, SW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 5 miles N of Emery, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)
 154'

16. NO. OF ACRES IN LEASE
 127.50 ✓

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
 5000

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6518'

Leaseholder - Jacobsen

22. APPROX. DATE WORK WILL START*
 September 1, 1967 ✓

28. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4 ✓	32.75	500 ✓	333 ✓
7-7/8	4-1/2 ✓	11.6	to be determined ✓	

We would like your permission to drill the subject well to an estimated depth of 5000'. Anticipated formation tops are as follows: Masuk shale at the surface, Emery sandstone at 900', Bluegate shale at 1600', Ferron sandstone at 3300', Tununk shale at 3800', Dakota at 4500', Cedar Mountain at 4700' and Morrison at 4900'.

The well location does not satisfy the spacing requirements due to geological and topographic conditions and the unorthodox shape of the fee lease on which the well is located. Inasmuch as Mountain Fuel Supply Company has all of the lands within a mile of the proposed location under oil and gas lease, we hereby apply for an exception under Rule C-3 of the general rules and regulations. ✓ *OK - See memo to Section*

Enclosed is a \$5,000 drilling bond.

PMB
 43-015-20277

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. Craft, Jr. TITLE General Manager, Gas Supply Operations DATE August 18, 1967

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Bob Mc Honey - Mtn. Fuel Supply Co. - Fondren

sec 16 T 21 S R 6 E

Emery County, Utah

August 21, 1967

Mountain Fuel Supply Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Middy Creek Jacobsen Fee #1,
Sec. 16, T. 21 S., R. 6 E.,
Emery County, Utah.

Gentlemen:

This letter is to advise you that approval to drill the above mentioned well is hereby granted, and that said well is set on an orthodox pattern and is in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

Mountain Fuel Supply Company

August 21, 1967

-2-

The API number assigned to this well is 43-015-20277 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

cc

**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 checked="" type="checkbox"/> <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>Fee Land</u>	
2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u>		8. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u>		7. UNIT AGREEMENT NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>2130' FSL, 2134' FWL, NE SW sec. 16</u>		8. FARM OR LEASE NAME <u>Muddy Creek Jacobsen</u>	
14. PERMIT NO. -		9. WELL NO. <u>1</u>	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) <u>GR 6518'</u>		10. FIELD AND POOL, OR WILDCAT <u>Muddy Creek</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>16-21S-6E., SL B&M</u>	
		12. COUNTY OR PARISH <u>Emery</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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Supplementary history</u> <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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 132', repairing mud line.

Spudded September 30, 1967.

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

SIGNED B. W. Craft Jr TITLE General Manager, Gas Supply Operations DATE Oct. 2, 1967

(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 _____ CATER*
(Other instr. _____ or re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Fee Land
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 -
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2134' FWL, NE SW sec. 16		8. FARM OR LEASE NAME Muddy Creek Jacobsen
14. PERMIT NO. -		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6518'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 16-21S-6E., SLB&M
		12. COUNTY OR PARISH Emery
		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 525', waiting on cement. ✓

18. I hereby certify that the foregoing is true and correct
 SIGNED B. W. Crafton TITLE General Manager, Gas Supply Operations DATE Oct. 9, 1967

(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 THIS OR 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.)

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Muddy Creek Jacobsen

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

16-21S-6E., SLB&M

12. COUNTY OR PARISH

Emery

13. STATE

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, 2134' FWL, NE SW sec. 16

14. PERMIT NO.

-

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

GR 6518'

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 1160', ~~swabbing~~ Waiting on squeeze.

landed 16 jts. 10-3/4" OD, 32.75#, H-40 ST&C Casing, 500.98' net, 506.74' gross, casing at 517.10' KBM and set with 472 sacks regular cement, displaced with 52 bbls. water, good returns. Pressure tested pipe rams and blind rams to 500 psi for 15 minutes. Pressure test held satisfactorily. Resumed drilling using air as a circulating medium and encountered lost circulation and sulphur water at 1160'. Converted to mud, and attempting to squeeze off lost circulation zones and sulphur water flow through the use of Bentonite-diesel oil-cement plugs. A total of five (5) plugs have been set with only partial success. ✓

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

SIGNED

B.W. Craft

TITLE

General Manager,

Gas Supply Operations

DATE

Oct. 16, 1967

(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 REVERSE SIDE
(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 checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Fee Land	
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 -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2134' FWL, NE SW sec. 16		8. FARM OR LEASE NAME Muddy Creek Jacobsen	
14. PERMIT NO. -		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6529.75' GR 6518'		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 16-21S-6E., SLB&M	
		12. COUNTY OR PARISH Emery	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 1688', mixing mud and lost circulation material. ✓

18. I hereby certify that the foregoing is true and correct
 SIGNED B. H. Craft Jr. TITLE General Manager, Gas Supply Operations DATE Oct. 25, 1967
 (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.

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. Free Land
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
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2134' FWL, NE SW sec. 16		8. FARM OR LEASE NAME Muddy Creek Jacobsen
14. PERMIT NO. -	15. ELEVATIONS (Show whether DF, BT, GR, etc.) KB 6529.75' GR 6518'	9. WELL NO. 1
		10. WILD AND POOL, OR WILDCAT Wildcat
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA 16-21S-6E, SLB&M
		12. COUNTY OR PARISH Emery
		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) 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 1960', drilling.

18. I hereby certify that the foregoing is true and correct
 SIGNED B. W. Craft, Jr. TITLE General Manager, Gas Supply Operations DATE October 30, 1967
 (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 re-
verse side)

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. Free Land
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 -
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2130' FSL, 2134' FWL, NE SW sec. 16		8. FARM OR LEASE NAME Muddy Creek Jacobsen
14. PERMIT NO. -		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6529.75' GR 6518'		10. FIELD AND POOL, OR WILDCAT Wildcat
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 16-21S-6E., SLB&M
(Other)		12. COUNTY OR PARISH Emery
(Other)		13. STATE Utah

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) Supplementary History <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <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 3376', drilling.

18. I hereby certify that the foregoing is true and correct
 SIGNED B. N. Croft TITLE General Manager, Gas Supply Operations DATE November 6, 1967

(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 THIS MANNER
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Fee land

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

2. NAME OF OPERATOR
Mountain Fuel Supply Company

8. FARM OR LEASE NAME

Muddy Creek Jacobsen

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

9. WELL NO.

1

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

2130' FSL, 2134' FWL, NE SE sec. 16

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

16-21S-6E., SLB&M

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6529.75' GR 6518'

12. COUNTY OR PARISH 13. STATE

Emery

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) 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 4365', drilling.

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

SIGNED

B. W. Crofton

TITLE

General Manager,
Gas Supply Operations

DATE

Nov. 13, 1967

(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 **DATE***
(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.)

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Muddy Creek Jacobsen

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

16-21S-6E., 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, 2134' FWL NE SE sec. 16

14. PERMIT NO.

-

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

KB 6529.75' GR 6518'

12. COUNTY OR PARISH

Emery

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.)*

TD 4960'.

DST #1: 4434-4386', Dakota, IO 1/2 hour, ISI 1/2 hour, FO 3 hours, FSI 1 hour, opened with medium blow on both openings, no gas to surface, recovered 188' water cut mud, 188' muddy water and 1350' of slightly gas cut salt water. IHP 2158, IOFP's 85-227, ISIP 1746, FOFP's 227-738, FSIP 1618, FHP 2143 psi.

Verbal approval to plug and abandon the subject well was granted on November 19, 1967 by Mr. Paul Burchell of the Utah Oil & Gas Conservation Commission during a telephone with Mr. R. G. Myers of Mountain Fuel. Well to be plugged as follows:

- Plug No. 1: 4450-4300', 41 sacks
- Plug No. 2: 3150-3000', 41 sacks
- Plug No. 3: 567-467', 40 sacks
- Plug No. 4: 10 sacks into the top of the surface pipe.

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

SIGNED

B. W. Croft pr

TITLE

General Manager,
Gas Supply Operations

DATE

Nov. 20, 1967

(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 REVERSE SIDE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Muddy Creek Jacobsen

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

16-21S-6E., SLB&M

12. COUNTY OR PARISH 13. STATE

Emery

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, 2134' FWL NE SE sec. 16

14. PERMIT NO.

-

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

KB 6529.75' GR 6518'

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

TD 4960'; rig released on November 20, 1967, plugged and abandoned as follows:

- Plug No. 1: 4450-4300', 41 sacks
- Plug No. 2: 3150-3000', 41 sacks
- Plug No. 3: 567-467', 40 sacks
- Plug No. 4: 10 sacks into the top of the surface pipe.

The location will be cleaned and an abandonment marker installed at a later date.

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

SIGNED

B. W. Craft

TITLE

General Manager,
Gas Supply Operations

DATE

Nov. 21, 1967

(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 DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. 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, 2134' FWL NE SW sec. 16
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Muddy Creek Jacobsen

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
16-21S-6E., SLB&M

12. COUNTY OR PARISH
Emery

13. STATE
Utah

15. DATE SPUNDED 9-30-67 16. DATE T.D. REACHED 11-18-67 17. DATE COMPL. (Ready to prod.) 11-20-67 P&A 18. ELEVATIONS (DF, RBB, RT, GR, ETC.)* KB 6529.75' GR 6518' 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 4960 21. PLUG, BACK T.D., MD & TVD abandoned 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 0-4960 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* - 25. WAS DIRECTIONAL SURVEY MADE -

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction-Laterolog, Borehole Compensated Sonic Log-Gamma Ray 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	32.75	517.10	15	472	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 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
Dual Ind.-Laterolog, BHC Sonic-GR, Well Completion, Well Lithology

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED B. H. Craft Jr TITLE General Manager, Gas Supply Operations DATE Nov. 30, 1967

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 23. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP
					MEAS. DEPTH
					TRUE VEERT. DEPTH

DEC 1 1967

COMPLETION REPORT

Operator: Mountain Fuel Supply Company
 Well: Muddy Creek Jacobsen Well No. 1
 Area: Muddy Creek
 Location: 2130' FSL, 2134' FWL, NE SW of Section 16, Township 21 South, Range 6 East, Emery County, Utah
 Elevation: 6529.75' K.B., 6518' Gr.
 Drilling Commenced: September 30, 1967
 Drilling Completed: November 18, 1967
 Rig Released: November 20, 1967
 Tops: Masuk Surface
 Emery 900'
 Bluegate 1560'
 Ferron 3098'
 Tununk 3603'
 Dakota 4390'
 Cedar Mountain 4585'
 Morrison 4900'

Logging: Tooke Engineering
 Dual induction-laterolog, borehole compensated sonic and gamma ray logs (514'-4950')
 Sample cut stored at the Rock Springs core house

Total Depth: 4960' Driller, 4954' Logger
 Casing: 10-3/4" OD landed at 517.10' KBM cemented with 472 sacks
 Remarks: Drilled with air from 500' to 1147', flowed 80 barrels per hr. of sulphur water, completed drilling with mud, dry and abandoned

Plugs: #1 - 4450'-4300'
 #2 - 3150'-3000'
 #3 - 567'-467'
 #4 - 10 sacks into the top of the surface pipe

DRILL STEM TEST

No.	Interval	Initial Flow	Initial Shut-in	Final Flow	Final Shut-in	Remarks
1	4386'-4421'	85-227(30)	1745(30)	227-738(180)	1617(60)	188' m, 188' MCW, 1350' GCSW

PDL:kjc
 11/21/67

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

L. A. Hale
 Mildred Jensen
 K. A. Loya
 R. G. Myers
 D. L. Reese
 J. W. Toth
 Paul Zubatch (6) ←

FIELD Muddy Creek STATE Utah COUNTY Emery SEC. 16 T. 21 S. R. 6 E.

COMPANY Mountain Fuel Supply Company FARM Muddy Creek Jacobsen WELL NO. 1

LOCATION 2130' FSL, 2134' FWL ELEV. 6529.75' K.B.; 6518' Gr.

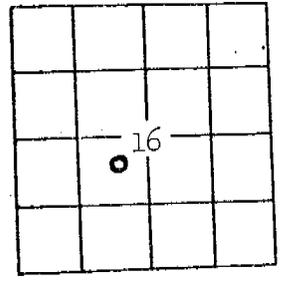
DRILLING COMMENCED September 30, 1967 COMPLETED November 18, 1967

RIG RELEASED November 20, 1967 TOTAL DEPTH 4954' Logger; 4960' Driller;

CASING RECORD 10-3/4" OD landed at 517.10' KBM cemented with 472 sacks

TUBING RECORD _____

PERFORATIONS _____



I. P. GAS OIL

SANDS _____

SHUT-IN SURFACE PRESSURES _____

REMARKS Drilled with air from 500' to 1147', flowed 80 barrels per hour of sulphur water, completed drilling with mud, dry and abandoned

	FROM	TO
Shale, greyish-tan, hard to very hard, mottled with black and dark brown, argillaceous, sandy.	525	560
Sandstone, greyish-tan, mottled black, very hard, very fine-grained, silty.	560	570
Shale, greyish-green, hard, silty, sandy, very calcareous.	570	600
Shale, dark grey, hard, very fine-grained, calcareous, silty.	600	660
Sandstone, dark greenish-grey, hard, very fine-grained, tight, very calcareous, argillaceous, silty.	660	690
Shale, grey, firm, very calcareous.	690	758
Sandstone, white, mottled black, salt and pepper, very fine-grained to fine-grained, subrounded, very calcareous (limey); from 810' grey, occasionally salt and pepper, dense, hard, tight; water at 758'	758	1080
Siltstone, grey, mottled black, firm, coarse-grained, sandy, very calcareous.	1080	1130
Sandstone, as above.	1130	1190
Sandstone, light grey, very fine-grained to fine-grained, subangular, friable, firm, calcareous, some dark grains, looks porous in part, silty in part.	1190	1250
Sandstone, as above; with occasional thin beds of siltstone, light grey, firm, calcareous, sandy in part, with occasional streaks of carbonaceous material.	1250	1320
Sandstone, as above.	1320	1340
Sandstone, light grey, very fine-grained, unconsolidated, samples mostly lost circulation material.	1340	1360
No samples.	1360	1370
Sandstone, as above.	1370	1380
No samples.	1380	1390
Lost circulation material and cement.	1390	1400
Sandstone, as above.	1400	1430
No samples.	1430	1450
Sandstone, white, fine-grained, subangular, fairly well sorted, firm, friable, tight, calcareous, few black grains, occasional thin streaks of carbonaceous material, silty in part; abundance of cement in sample; with siltstone, as above.	1450	1540

	FROM	TO
Sandstone, as above; with shale, medium-grained, firm, very silty to sandy.	1540	1560
Shale, as above.	1560	1630
Siltstone, light grey, firm, sandy.	1630	1640
Shale, as above; siltstone, as above.	1640	1650
Shale, medium-grained, firm, very silty to sandy.	1650	1660
No samples.	1660	1670
No samples.	1670	1680
Sandstone, light grey, salt and pepper, very fine-grained to fine-grained, calcareous, tight; occasional siltstone, as above, very calcareous.	1680	1780
Siltstone, as above; sandstone, as above.	1780	1830
Siltstone, as above; shale, grey, hard, very silty, very calcareous.	1830	2050
Siltstone, as above; shale, red, hard, siliceous.	2050	2130
Shale, grey, firm, silty, very calcareous.	2130	2150
Shale, as above; siltstone, as above.	2150	2160
Shale, as above; shale, red, as above.	2160	2180
Shale, as above; siltstone, as above.	2180	2280
Shale, as above; siltstone, as above; occasional caliche nodules.	2280	2310
Siltstone, as above; sandstone, light grey, occasional mottled black, firm, very calcareous.	2310	2330
Shale, as above; occasional lense of sandstone, as above.	2330	2391
Shale, as above, very silty.	2390	2480
Siltstone, as above, very shaly.	2480	2500
Siltstone, as above; shale, grey, as above.	2500	2510
Shale, grey, as above; siltstone, as above; calcite in veins, often tabular crystals; at 2670' shale becoming micaceous.	2510	2700
Shale, as above; siltstone, as above; sandstone, white, salt and pepper, firm, angular, coarse-grained, quartzitic, tight; trace of calcite, as above; occasional pyrite on shale.	2700	2750
Shale, as above; siltstone, as above; trace of calcite, as above.	2750	2860
Siltstone, as above; shale, as above; trace of bentonite, white, soft.	2860	2930
Shale, as above; siltstone, as above.	2930	2950
Siltstone, light grey, firm to hard, very calcareous, occasionally sandy; shale, as above.	2950	2990
Shale, as above; siltstone, as above; trace of sandstone, white, salt and pepper, medium-grained, hard, tight, quartzitic.	2990	3130
Siltstone, as above; sandstone, white, fine-grained to medium-grained, firm to hard, calcareous.	3130	3140
Shale, as above; sandstone, white, firm to hard, very fine-grained to coarse-grained, tight, pyritic, slightly calcareous; siltstone, as above; pyrite.	3140	3160
Sandstone, as above; shale, as above.	3160	3260
Sandstone, as above; siltstone, as above.	3260	3270
Sandstone, as above; shale, as above; wood fragments replaced by pyrite.	3270	3340
Sandstone, as above; shale, as above; apparently equal amounts.	3340	3370
Siltstone, cream to white, firm, mottled black, very calcareous; shale, as above; sandstone, as above.	3370	3380
Shale, as above; siltstone, as above; sandstone, as above.	3380	3450
Sandstone, as above; coarse-grained, shale, as above.	3450	3490
Sandstone, white, tan, blackish-brown, fine-grained to medium-grained, hard, tight, quartzitic; shale, dark grey, very hard, silty; trace of calcite.	3490	3550
Shale, medium to dark grey, silty, micaceous, firm to hard, with some white sandy streaks; trace of sandstone, as above.	3550	3660
Shale, as above; with some siltstone, dark grey, hard.	3660	4386
Sandstone, white, medium-grained to coarse-grained, hard to very hard, subrounded, good porosity, calcareous, fairly well sorted, no cut.	4386	4402

FARM Muddy Creek Jacobsen WELL NO. 1

COMPANY Mountain Fuel Supply Company

	<u>FROM</u>	<u>TO</u>
Shale, as above; siltstone, as above.	4402	4421
Depth correction.	4421	4434
Shale, as above, with white sandy streaks; siltstone, as above; sandstone, as above, fine-grained to medium-grained, occasionally salt and pepper, hard, fairly well sorted, quartzitic.	4434	4460
Sandstone, as above; shale, as above; pyrite.	4460	4470
Shale, as above; siltstone, dark grey, hard, sandy; sandstone, as above; dolomite, greenish-grey, firm to soft; calcite, cream, fibrous, occasionally some white veins.	4470	4490
Siltstone, as above; shale, as above; occasional sandstone, as above, fine-grained.	4490	4540
Shale, as above; siltstone, as above.	4540	4560
Shale, as above; sandstone, white, very fine-grained, hard to very hard, calcareous, tight; alternating with siltstone, as above.	4560	4590
Shale, red, green to grey, grey, hard, silty, slightly calcareous; sandstone, white, hard, fine-grained to coarse-grained, poorly sorted, tight, calcareous (sluff)?	4590	4680
Shale, as above, becoming softer with depth, very calcareous.	4680	4730
Shale, red, as above, hard; trace of shale, whitish-green, as above; calcite.	4730	4800
Shale, as above; siltstone, red, firm, occasionally mottled white, very calcareous; calcite, as above.	4800	4860
Shale, as above; sandstone, reddish-white, hard, fine-grained to coarse-grained, subrounded, poorly sorted, calcareous; trace of quartz, white, frosted, rounded, pebble; pyrite.	4860	4910
Shale, red, whitish-red, greenish-white, soft to firm, silty, very calcareous; trace of siltstone, red, whitish-red, greenish-white, firm, sandy, very calcareous, increasing with depth.	4910	4960
Total Depth	4960	

PDL-CTC-EQM:kjc

11/29/67

COMPLETION REPORT

Operator: Mountain Fuel Supply Company

Well: Muddy Creek Jacobsen Well No. 1

Area: Muddy Creek

Location: 2130' FSL, 2134' FWL, NE SW of Section 16, Township 21 South, Range 6 East, Emery County, Utah

Elevation: 6529.75' K.B., 6518' Gr.

Drilling Commenced: September 30, 1967

Drilling Completed: November 18, 1967

Rig Released: November 20, 1967

Tops: Masuk Surface

Emery 900'

Bluegate 1560'

Ferron 3098'

Tununk 3603'

Dakota 4390'

Cedar Mountain 4585'

Morrison 4900'

Logging: Tooke Engineering

Dual induction-laterolog, borehole compensated sonic and gamma ray logs (514'-4950')

Sample cut stored at the Rock Springs core house

Total Depth: 4960' Driller, 4954' Logger

Casing: 10-3/4" OD landed at 517.10' KBM cemented with 472 sacks

Remarks: Drilled with air from 500' to 1147', flowed 80 barrels per hr. of sulphur water, completed drilling with mud, dry and abandoned

Plugs: #1 - 4450'-4300'

#2 - 3150'-3000'

#3 - 567'-467'

#4 - 10 sacks into the top of the surface pipe

DRILL STEM TEST

No.	Interval	Initial Flow	Initial Shut-in	Final Flow	Final Shut-in	Remarks
1	4386'-4421'	85-227(30)	1745(30)	227-738(180)	1617(60)	188' m, 188' MCW, 1350' GCSW

PDL:kjc
11/21/67

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

L. A. Hale
Mildred Jensen
K. A. Loya
R. G. Myers
D. L. Reese
J. W. Toth
Paul Zubatch (6) ←

MOUNTAIN FUEL SUPPLY COMPANY
SALT LAKE CITY, UTAH 84111

July 21, 1969

State of Utah
Oil and Gas Conservation
348 East South Temple
Salt Lake City, Utah 84110

Gentlemen:

Re: Oil and Gas Drilling Bonds
695638, 695639, 695640, ^{Fl}
695641 and 695501 ^{Ed #3}

The captioned drilling bonds were secured prior to the drilling of several exploratory wells during 1968. The premiums covering these drilling bonds are due and payable on or before August 1 or 16, 1969.

According to our records the locations have been cleaned up and we request that you notify the bonding company that these drilling bonds may be terminated.

A copy of your letter advising the bonding company is requested for our files and record.

Very truly yours,

ORIGINAL SIGNED BY
G. A. PEPPINGER
G. A. Peppinger
Chief Liaison

GAP:sh

cc: Utah State Land Board
105 State Capitol
Salt Lake City, Utah 84114

Fred A. Morston & Company
645 East South Temple
Salt Lake City, Utah 84102

*Neil P...
Chair at
Oil & Gas Comm.
328-5771*

COPY



FRED A. MORETON & COMPANY, Agents

Insurance — Surety Bonds
645 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84102
Telephone: 355-4651

RECEIVED
BR. OF OIL & GAS OPERATIONS
SEP 2 1969
U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

August 28, 1969

U. S. GEOLOGICAL SURVEY
RECEIVED
AUG 29 1969
CASPER, WYOMING

Salt Lake City
State of W. Con

~~U. S. Geological Survey~~
~~North Casper District~~
~~Box No. 400~~
~~Casper, Wyoming~~

Re: Mountain Fuel Supply Co.
Oil & Gas Lease Bond No. 695501
\$5,000.00 - Muddy Creek, G-2-56
T. 21E., R. 6E Sec. 16

Gentlemen:

We enclose photo copy of the captioned bond which we executed effective August 1, 1967 and filed with the Oil and Gas Conservation Commission of Utah.

Also enclosed is photo copy of July 21, 1969 letter from G. A. Pappinger, Chief Landman of Mountain Fuel Supply Company, to the Oil and Gas Conservation Commission of Utah, requesting authority to cancel the captioned bond and four similar bonds.

We have received the requested releases for the four other bonds, but are informed by the Commission that release on the captioned bond should come from your office.

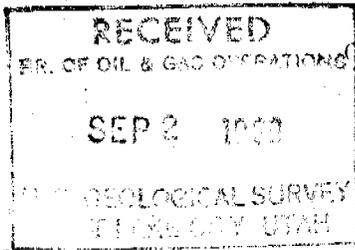
Therefore, would you please write us a letter authorizing termination of liability under the captioned bond.

Very truly yours,

Fred A. Moreton & Co.
By *Arthur J. Allen*

cc
encls.

THE STATE OF UTAH



OIL AND GAS CONSERVATION COMMISSION

BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, MOUNTAIN FUEL SUPPLY COMPANY

of the County of: SALT LAKE in the State of: UTAH

as Principal, and SEABOARD SURETY COMPANY, A NEW YORK CORPORATION

as surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Oil and Gas Conservation Commission, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

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

T. 21 S., R. 6 E Sec. 16: S $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$,
(may be used as blanket bond for single well)
N $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$,
W $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, W $\frac{1}{2}$ E $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$,

NOW THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State, and the rules, regulations and orders of the Conservation Commission of the State, including, but not limited to, the proper plugging of said well or wells, and filing with the Oil and Gas Conservation Commission of the State, all notices and records required by said Commission, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of FIVE THOUSAND AND NO/100ths - - - (\$ 5,000.00) State of Utah

Witness our hands and seals, this 1st day of August, 1967

Attest: MOUNTAIN FUEL SUPPLY COMPANY
By: _____ Principal Vice President
Asst. Secretary

Witness our hands and seals, this 1st day of August, 1967
SEABOARD SURETY COMPANY

September 3, 1969

Seaboard Surety Agency
645 East South Temple
Salt Lake City, Utah

Re: Mountain Fuel Supply Company
Well No. Muddy Creek Jacobsen Fee #1
Sec. 16, T. 21 S., R. 6 E.,
Emery County, Utah

Gentlemen:

The above mentioned well was inspected by Paul W. Burchell, Chief Petroleum Engineer, on December 12, 1968, and was found satisfactorily cleaned and marked.

It is therefore requested that liability under bond No. 695501 be terminated.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:cnp

cc: G. A. Peppinger, Chief Landman
Mountain Fuel supply Company
P. O. Box 11368
Salt Lake City, Utah 84111