

Subsequent Report of this well

FILE NOTATIONS

Entered in NID File

Checked by Chief

CEWB

Entered On S R Sheet

Copy NID to Field Office

etc

Location Map Pinned

Approval Letter

Card Indexed

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed

11-30-65

Location Inspected

OW

WW

TA

Bond released

State of Fee Land

GW

OS

PA

LOGS FILED

Driller's Log

12-27-65

Electric Logs (No.)

2

E

I

E1

2

GR

GR-N

Micro

Lat

Mi-L

Sonic

Others

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 Wildcat 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 At proposed prod. zone same
 510' FSL, 660' FWL, SW SW sec. 9

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10 miles North Sunnyside, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 510'

16. NO. OF ACRES IN LEASE
 837.34 ✓

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640

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

19. PROPOSED DEPTH
 7900' ✓

20. ROTARY OR CABLE TOOLS
 Rotary ✓

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 9253'

22. APPROX. DATE WORK WILL START*
 August 15, 1965 ✓

5. LEASE DESIGNATION AND SERIAL NO.
 Fee land ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -

7. UNIT AGREEMENT NAME
 -

8. FARM OR LEASE NAME
 Mt. Bartles

9. WELL NO.
 1

10. FIELD AND POOL OR WILDCAT
 Wildcat ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 9-13S-14E., S1B&M

12. COUNTY OR PARISH
 Carbon

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 F-250EJ-55	750' ✓	675 sacks ✓
11"	8-5/8"	36	6100' ✓	Sufficient ✓
7-5/8"	5-1/2"	17	7900' ✓	Sufficient ✓

We would like permission to drill the subject well as a test of the Mancos formation. Formation tops are anticipated as follows: Green River at surface, Wasatch Tongue at 315', Green River Tongue at 685', Wasatch at 885', Price River at 4735', Castlegate at 5700', Blackhawk at 6000', and Mancos at 7700'. Anticipated total depth is 7900'. This well will be drilled with mud to approximately 6000' and then air or gas drilled if possible to total depth.

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 TITLE General Manager, Producing and Pipeline Divisions DATE August 2, 1965

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Mount Bartles

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG - 1965, 19.....

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

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)	
					<u>Fee Land - R.C. Everett</u>						
SW SW 9	13S	14E	1							Spudded 8-29-65 Drilling 371' 8-31-65	

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

Drip Oil

..... runs or sales of ~~gas~~ 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.

August 4, 1965

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

Attention: Mr. B. W. Croft

Re: Notice of Intention to Drill Well No.
MT. BARTLES FEE #1, 510' FSL & 660'
FWL, SW SW of Sec. 9, T. 13 S., R. 14
E., SLBM, Carbon County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a surveyor's plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

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

-OR-

HARVEY L. COONIS, Petroleum Engineer
Home: 487-1113 - Salt Lake City, Utah

-OR-

Office: 328-5771 - 328-5772 - 328-5773

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

Enclosed please find Form OGCC-8-X, which is to be completed if water

Mountain Fuel Supply Co.

-2-

August 4, 1965

sands (aquifers) are encountered while drilling, particularly accessible near surface water sands.

Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

**CLEON B. FEIGHT
EXECUTIVE DIRECTOR**

CBF/kgw

Enclosure - Forms

LOCATION DATA

WELL - Mt. Bartles No 1

FIELD - Mt. Bartles Area

LOCATION

510' From South Line.
660' From West Line.
SW SW Sec. 9, T.13S., R.14E. S.L.B. & M.
Carbon County, Utah

ELEVATION

9253' Ground
By spirit levels from B.M. abandoned Phillips Pet. location.

SURVEYED BY

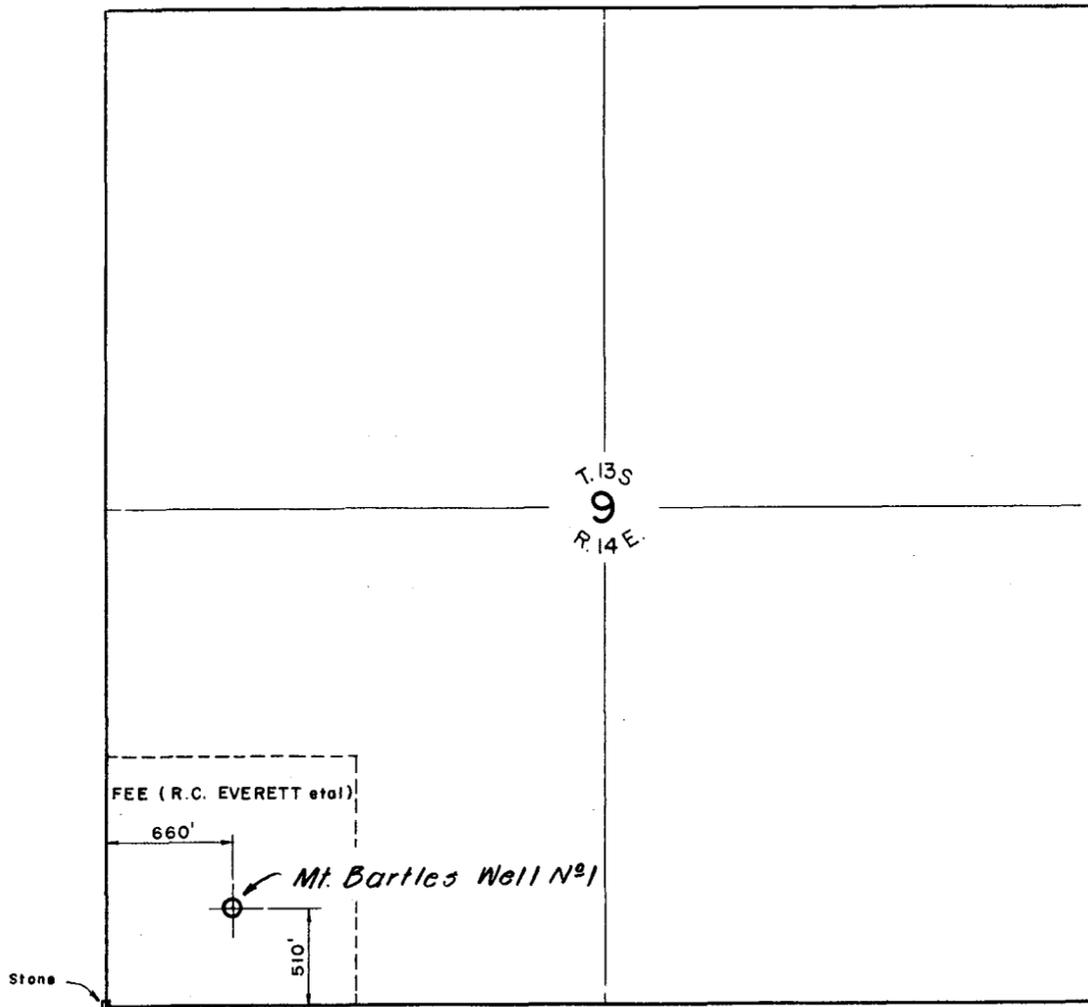
Utah Engineering & Land Surveying - July 15 and 26, 1965.

DATE OF REPORT

July 27, 1965

REMARKS

Well elevation natural ground.
Weather - Clear and warm.



ENGINEER'S AFFIDAVIT

STATE OF WYOMING }
COUNTY OF SWEETWATER } S.S.

I, R. C. Day, of Rock Springs Wyoming, hereby certify that this map was made from notes taken during an actual survey made under my direction by Utah Engineering & Land Surveying on July 15, and 26, 1965; and that it correctly represents the location thereon with Section measurements based on the official Township Plot of Section 9, T.13S., R.14E. S.L.B. & M.

R. C. Day
Engineer

Wyoming Registration No 124

REVISIONS				MOUNTAIN FUEL SUPPLY CO.	
DESCRIPTION	DATE	BY	ROCK SPRINGS, WYO.		
			WELL LOCATION MT. BARTLES WELL No 1 SW SW SEC. 9, T.13S., R.14E. S.L.B. & M. CARBON COUNTY, UTAH		
			CHECKED:	DRWG. NO. M-8214	
			APPROVED: <i>[Signature]</i>		

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

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

Form approved.
Budget Bureau No. 42-R-124.

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>Fee Land</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 -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>510' TSTL, 660' FWL, SW SW sec. 9</u>		8. FARM OR LEASE NAME <u>Mt. Bartles</u>	
14. PERMIT NO. -		9. WELL NO. <u>1</u>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GR 9253'</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>9-13S-14E, SLB&M</u>	
		12. COUNTY OR PARISH <u>Carbon</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 information</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 371', drilling.

Well spudded in on 8/29/65.

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

SIGNED B. W. Craft TITLE General Manager, Production and Transmission DATE September 1, 1965

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

POOR COPY

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

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
SL 045051(b)

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.)

7. UNIT AGREEMENT NAME

Clay Basin Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Clay Basin - Frontier

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

23-3N-24E., SLB&M

12. COUNTY OR PARISH

Daggett

13. STATE

Utah

1. OIL WELL GAS WELL 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.*
See also space 17 below.)
At surface

330' FSL, 1820' FWL, SW SE SW sec. 23

14. PERMIT NO.

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

GR 6610'

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 5670', drilling.

DST #1, depth 5515', packers 5458' and 5462', Frontier, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with strong blow, gas up in 5 minutes, 15 minutes 1162 Mcf, 30 minutes 1891 Mcf. Reopened, 15, 30, 45 and 60 minutes 1694 Mcf. Recovered 270' mud. IHP 2738, ISIP 2478, IOFP's 172-243, FOFP's 229-272, FSIP 2464, FHP 2738 psi.

DST #2, depth 5576', packers 5532' and 5537', Frontier, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with strong blow, gas up in 3 minutes, 15 minutes 2441 Mcf, 30 minutes 2558 Mcf. Reopened at 2675 Mcf and remained throughout test. Recovered 190' mud. IHP 2825, ISIP 2348, IOFP's 21-26, FOFP's 300-372, FSIP 2348, FHP 2825 psi.

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

SIGNED B.W. Croft

TITLE General Manager, Production and Transmission

DATE September 8, 1965

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

*See Instructions on Reverse Side

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-13S-14E., SLB&M

12. COUNTY OR PARISH | 13. STATE

Carbon

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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.

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

GR 9253'

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

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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 1009', drilling.

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

SIGNED

B. W. Craft

TITLE

General Manager, Production

and Transmission

DATE Sept. 9, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(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

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-135-14E., STB28M

12. COUNTY OR PARISH 13. STATE

Carbon

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

510' PSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.

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

GR 9253'

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 2490', drilling.

Set 13-3/8", 48#, H-40, 8rd casing, 1008.69' net, 1018.26' gross Armco casing at 1025.76' KRM and cemented with 1035 sacks class A cement treated with 2% calcium chloride. Had good returns prior to and while mixing and displacing cement. Had cement returns of approximately 81 barrels returned to surface. ✓

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

SIGNED

B.W. Craft

TITLE

General Manager, Production and Transmission

DATE

Sept. 17, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

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

SUBMIT IN **APPLICATE***
(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
Mt. Bartles

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
9-13S-14E., SLB&M

12. COUNTY OR PARISH
Carbon

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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 9253'

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 information</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 3570', drilling.

DST #1, 2978'-3009', IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with very weak blow, no gas to surface. Reopened very weak, dead in 14 minutes. Recovered 40' drilling mud. IHP 1468, ISIP 29, IOFP's 14.5-14.5, FOFP's 14.5-29, FSIP 29, FHP 1468 psi.

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

SIGNED B. W. Craft TITLE General Manager, Production and Transmission DATE Sept. 22, 1965

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

POOR COPY

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. OFF. 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 510' FSL, 660' FWL, SW SW sec. 9		8. FARM OR LEASE NAME Mt. Bartles
14. PERMIT NO. -	15. ELEVATIONS (Show whether DE, RT, GR, etc.) GR 9253'	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 9-13S-14E., SLP2M
		12. COUNTY OR PARISH Carbon
		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 COMPLETION <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 information</u> <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 4420' drilling.

Confidential

18. I hereby certify that the foregoing is true and correct
SIGNED B. W. Craft TITLE General Manager, Production and Transmission DATE Sept. 27, 1965

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Mount Bartles

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP - 1965, 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)
					<u>Fee Land - R.C. Everett</u>					
<u>W SW 9</u>	<u>13S</u>	<u>14E</u>	<u>1</u>							<u>Spudded 8-29-65</u> <u>Drilling 5,190'</u> <u>9-30-65</u>

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 THIS DATE*
(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.
Fee Land
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-
7. UNIT AGREEMENT NAME
- - - - -
8. FARM OR LEASE NAME
Mt. Bartles
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
9-13S-14E., S1B&M
12. COUNTY OR PARISH
Carbon
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
510' PSL, 660' FWL, SW SW sec. 9
14. PERMIT NO.
-
15. ELEVATIONS (Show whether DE, RT, OR, etc.)
CR 9253'

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 information</u>	<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 5802', drilling.
Please keep information on this well confidential.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct
SIGNED B. W. Croft TITLE General Manager, Production and Transmission DATE Oct. 6, 1965

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

**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.

Free Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-13S-14E., SEB3M

12. COUNTY OR PARISH 13. STATE

Carbon

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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.

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

GR 9253'

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 COMPLETION

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 7025', drilling.

DST #2: 6540'-6515', Price River, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour. On both openings, opened with weak blow continuing throughout test, no gas to surface. Recovered 50' slightly gas cut mud. IHP 3230, ISIP 72, IOFP's 29-29, FOFP's 29-29, FSIP 29, FHP 3230 psi.

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

SIGNED

B. W. Craft

TITLE

General Manager, Production and Transmission

DATE

Oct. 19, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other Instructions
verse side)

5. LEASE DESIGNATION AND SERIAL NO.

Free 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

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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.

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

CR 9253'

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-13S-14E., S1E2M

12. COUNTY OR PARISH 13. STATE

Carbon

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 information

(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 7928', drilling.

DST #3: 7316'-7268', Price River, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, tool opened with weak blow continued throughout test, no gas to surface. Recovered 40' drilling mud. IHP 3605, ISIP 167, IOFP's 21-21, FOFP's 21-21, FSIP 167, FHP 3605 psi.

CONFIDENTIAL

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

SIGNED B.W. Craft

TITLE General Manager, Production and Transmission

DATE Oct. 26, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Mount Bartles

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT - 1965, 19.....

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

Phone 328-8315 Signed [Signature] 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)
					<u>Fee Land - R.C. Everett</u>					
SW SW 9	138	14E	1							Spudded 8-29-65 Drilling @ 8273' 10-31-65

CONFIDENTIAL

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

Drip Oil
XXXXX

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 TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved,
Budget Bureau No. 42-P4474

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IS 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

510' FSL, 660' FWL, SW SW sec. 9

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mt. Partles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N., CORNER, AND SURVEY OR AREA

9-13S-14E., SECTION

12. COUNTY OR PARISH, STATE

Carbon

Utah

14. PERMIT NO.

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

GR 9253'

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

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and log for all)

REPAIRING WELL

ALTERING CASING

ABANDONMENTS

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 8273', drilling.

CONFIDENTIAL

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

SIGNED B. W. Craft

TITLE

General Manager, Production and Transmission

DATE

Nov. 1, 1965

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

**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.

Fee land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR B/LK. AND SURVEY OR AREA

9-138-144, S1/2M

12. COUNTY OR PARISH

Carbon

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

510' FSI, 660' FWL, SW SW Sec. 9

14. PERMIT NO.

+

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

GR 9253'

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) <u>Supplementary history</u> <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 8751', fishing with magnet for cones lost from bit.

DST #4: 8517'-8467', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with very weak blow increasing to fair, reopened with weak blow continuing throughout test, no gas to surface, recovered 20' slightly gas cut mud. IHP 4224, ISIP 62, IOFP's 20-20, FOFP's 20-20, FSIP 62, FHP 4183.

DST #5: 8687'-8654', Blackhawk, IO 1/2, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with good blow decreasing to fair, reopened with fair blow decreasing to weak blow, no gas to surface, recovered 190' slightly gas cut mud. IHP 4224, ISIP 208, IOFP's 42-42, FOFP's 42-104, FSIP 250, FHP 4224.

CONFIDENTIAL

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

SIGNED B. W. Craft

TITLE

General Manager, Production and Transmission

DATE

11/9/65

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

POOR COPY

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.)

5. LEASE DESIGNATION AND SERIAL NO.
Free Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Mt. Bartles

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M. OR BLM. AND SURVEY OR AREA
9-13S-14E., S1B&M

12. COUNTY OR PARISH 13. STATE
Carbon Utah

CONFIDENTIAL

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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 9253', KB 9268.40'

18. 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 COMPLETION <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"/>	

(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 9059', tripping.

DST #6: 8927'-8905', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 35 minutes, tool opened with weak blow, packers failed after 35 minutes. Recovered 420' mud. IHP 4346, ISIP 21, IOFP 21, FOPP's 42-21, FSIP 21, FHP 2306?.

DST #7: 8988'-8950', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, PSI 1 hour, opened with strong blow declining, reopened weak continuing throughout test, no gas to surface, recovered 230' slightly gas cut muddy water. IHP 4347, ISIP 104, IOFP's 42-63, FOPP's 63-104, FSIP 125, FHP 4347 psi.

CONFIDENTIAL

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

SIGNED B.W. Craft TITLE General Manager, Production and Transmission DATE 11/15/65

(This space for Federal or State office use)

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

PHOTOCOPY

**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.)

5. LEASE DESIGNATION AND SERIAL NO.
Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Mt. Bartles

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLS. AND SURVEY OR ALBMA.
9-13S-14E., SLB&M

12. COUNTY OR PARISH
Carbon

13. STATE
Utah

CONFIDENTIAL

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
510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO. --

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 9268.40', GR 9253'

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"/>	

(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 9478', drilling.

DST #8: 9146'-9104', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with fair blow on both openings continuing throughout test, no gas to surface, recovered 110' slightly gas cut mud. IHP 4428, ISIP 187, IOFP's 41-41, FOFP's 41-41, FSIP 250, FHP 4428 psi.

DST #9: 9255'-9192', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with fair blow continuing throughout test, no gas to surface, recovered 1900' slightly gas cut mud and 63' mud. IHP 4510, ISIP 3755, IOFP's 458-791, FOFP's 791-979, FSIP 3061, FHP 4510. called misrun.

DST #10: 9319'-9216', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 1 hour, FSI 1 hour, opened with good blow continuing, reopened with fair blow continuing, no gas to surface, recovered 1280' gas cut mud. IHP 4489, ISIP 3693, IOFP's 333-479, FOFP's 520-604, FSIP 3428, FHP 4489.

DST #11: 9477'-9422', Blackhawk, IO 1/2 hour, ISI 1/2 hour, FO 3 hours, FSI 3 hours, opened with good blow decrease to weak, reopened with good blow decreasing to weak, no gas to surface, recovered 594' slightly gas cut mud. IHP 4551, ISIP 2531, IOFP's 167-208, FOFP's 208-270, FSIP 3041, FHP 4551.

CONFIDENTIAL

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

SIGNED B. W. Craft TITLE General Manager, Production and Transmission DATE Nov. 23, 1965

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FOUR COPY

COMPLETION REPORT

Operator: Mountain Fuel Supply Co.
 Well: Mt. Bartles Well No. 1
 Area: Mt. Bartles
 Location: 510' FSL, 660' FWL, SW SW of Section 9, Township 13 South, Range 14 East,
 Carbon County, Utah.
 Elevation: Ground 9253 feet, Kelly Bushing 9268.40 feet.
 Drilling Commenced: August 29, 1965. Drilling Completed: November 27, 1965.
 Plugged and Abandoned: November 29, 1965.
 Tops: Green River Surface Castlegate 7955 feet
 Wasatch 3005 feet Blackhawk 8246 feet
 Price River 7010 feet Mancos 9640 feet
 Total Depth: 9644 feet
 Casing: 13-3/8 inches landed @ 1025.76 KBM with 1035 sacks .
 Productivity: Dry and abandoned.

DRILL STEM TESTS

No.	Interval	Initial Flow	Initial Shut In	Final Flow	Final Shut In	Remarks
1	2978'-3009'	11-20	26	15-26	33	40' mud
2	6515'-6540'	29-36	59	36-36	68	50' sgcm
3	7268'-7316'	49-53	192	57-57	226	40' mud
4	8467'-8517'	25-21	65	23-23	50	20' sgcm
5	8654'-8687'	54-73	188	56-96	260	190' sgcm
6	8905'-9927'	23-17	38			Packer failure on final flow 470' mud
7	8950'-8988'	48-67	96	50-90	127	231' sgcm
8	9104'-9146'	29-46	192	42-62	244	110' sgcm
9	9192'-9255'	502-831	3749	754-987	3069	1900' hgcm, 63' mud
10	9215'-9319'	365-540	3708	490-619	3424	1280' hgcm
11	9422'-9477'	140-225	3537	198-281	4561	594' sgcm
12	9493'-9535'	--	--	--	--	No packer seat
13	9485'-?	--	--	--	--	Failed to reach bottom
14	9485'-9535'	--	--	--	--	No packer seat

VBG:kj
 12/7/65

cc: L. W. Folsom
 Mildred Jensen
 V. B. Gras
 G. D. Baston
 D. W. Elias
 W. W. Skeeters
 E. A. Farmer
 J. M. Hummel
 E. R. Keller

R. C. Day
 R. G. Myers
 Paul Zubatch (6) ←
 S. J. Fisher
 Joe Toth
 R. M. Ball
 J. E. Adney
 Vernal Office (6)

FIELD Mt. Bartles STATE Utah COUNTY Carbon SEC. 9 T. 13S R. 14E

COMPANY Mountain Fuel Supply FARM Mt. Bartles WELL NO. 1

LOCATION 510' FSL, 660' FWL ELEV. Gr. 9253', KB 9268.40'

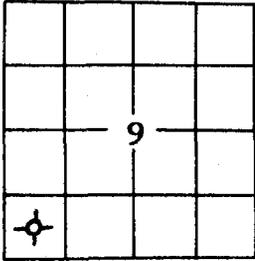
DRILLING COMMENCED August 29, 1965 COMPLETED November 27, 1965

RIG RELEASED November 29, 1965 TOTAL DEPTH 9644'

CASING RECORD 13-3/8" landed @ 1025.76' KBM with 1035 sacks

TUBING RECORD _____

PERFORATIONS _____



I. P. GAS Dry and Abandoned OIL _____

SANDS _____

SHUT-IN SURFACE PRESSURES _____

REMARKS _____

=====

	<u>FROM</u>	<u>TO</u>
GREEN RIVER - SURFACE		
Siltstone, white to light grey, calcareous, firm; some sandstone, white to light grey, fine-grained, dirty, friable, calcareous.	1040	1070
Siltstone, as above; trace of shale, grey to green; trace of limestone, light tan, dense, firm.	1070	1080
Shale, red, dense, firm; trace of siltstone, as above.	1080	1090
Siltstone, as above; trace of shale, as above.	1090	1110
Lost circulation. No recovery.	1110	1140
Sandstone, white to light grey, very fine-grained, slightly calcareous, hard.	1140	1170
Siltstone, white, siliceous, friable, sandstone, as above; some sandstone, fine-grained, calcareous, oolitic, hard; trace of shale, grey to green, as above.	1170	1190
Sandstone, white, very fine-grained, calcareous, silty, friable; trace of shale, grey to green, hard, tight.	1190	1220
Sandstone, as above.	1220	1250
Sandstone, as above; shale, as above.	1250	1290
Sandstone, as above; shale, as above; shale, red to brown, hard, firm.	1290	1310
Sandstone, as above; trace of shale, as above.	1310	1320
Sandstone, as above; shale, as above.	1320	1330
Sandstone, as above; shale, light grey to green, calcareous, silty.	1330	1350
Sandstone, as above; some shale, as above.	1350	1380
Sandstone, as above; trace of shale, as above.	1380	1400
Shale, as above; trace of sandstone, as above.	1400	1410
Shale, as above; some siltstone, light grey to white; some sandstone, white to light grey, salt and pepper, pyritic, hard, tight.	1410	1420
Ditto; trace of shale, red to brown, silty, firm.	1420	1430
Shale, red to brown, as above;	1430	1470
Sandstone, as above; some shale, as above; some shale, grey, green.	1470	1510
Shale, grey, green, as above; trace of siltstone, white, calcareous.	1510	1530
Shale, as above some shale, red to brown; trace of limestone, grey, dense, ostracod, hard.	1530	1540
Shale, red to brown, as above; trace of limestone, as above.	1540	1570
Lost circulation. No sample recovery.	1570	1580
Shale, grey to green, calcareous, firm; some shale, red to brown, as above; trace of sandstone, as above.	1580	1610

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 2
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	<u>FROM</u>	<u>TO</u>
Shale, grey, green, as above; sandstone, as above.	1610	1630
Shale, as above; trace of sandstone, as above.	1630	1660
Shale, as above, green to grey, hard, pyritic, silty, calcareous; trace of siltstone, as above, white, hard, arenaceous, micaceous, slightly calcareous.	1660	1670
Sandstone, white, very fine-grained, angular, poorly sorted, porous, pyritic, slightly calcareous, silty, micaceous, with trace of shale, as above.	1670	1680
Sandstone, white, fine- to medium-grained, angular, fairly well sorted, slightly calcareous, pyritic, micaceous, blue mineral grains; shale, red, hard, silty; slightly calcareous (10% shale).	1680	1700
Shale, red to green, mottled, hard, slightly calcareous; limestone, grey, hard, microcrystalline, arenaceous, ostracod.	1700	1710
Shale, red, as above.	1710	1720
Shale, as above; sandstone, white, very fine-grained to fine-grained, subangular, fairly well sorted, very calcareous (20% sandstone).	1720	1730
Shale, as above, red.	1730	1760
Sandstone, white, very fine-grained to medium-grained, subangular, poorly sorted, hard, porous to tight, pyritic, micaceous, dolomitic to calcareous, occasional organic material; with trace of siltstone.	1760	1855
Shale, red, hard, calcareous, with occasional green mottling.	1855	1875
Sandstone, as above.	1875	1900
Shale, green, hard, calcareous, occasionally micaceous; sandstone, as above (30% sandstone).	1900	1910
Sandstone, as above; shale, as above (40% shale).	1910	1920
Sandstone, as above (60%); shale, red, as above (30%); sandstone, grey, as above (10%).	1920	1935
Limestone, grey, microcrystalline to very fine crystalline, hard, pyritic, ostracod; shale, red, as above (20% shale).	1935	1940
Shale, red, as above; sandstone, white to pink, very fine-grained, fairly well sorted, silty, hard, micaceous, calcareous cement, (15% sandstone).	1940	1950
Shale, as above; sandstone, as above (40% sandstone).	1950	1960
Shale, as above; sandstone, as above (10% sandstone).	1960	1970
Sandstone, as above (40%); sandstone, green, medium- to coarse-grained, angular, hard, argillaceous, porous, calcareous (40%); shale, red, as above (20%).	1970	1980
Sandstone, white, fine- to coarse-grained, angular, well sorted, calcareous cement, abundant pyrite, shale, red, as above (40%); shale, green, hard, calcareous (10%)	1980	1990
Shale, red, hard, micaceous, calcareous, very silty (85%); sandstone, white, very-fine to fine-grained, poorly sorted, argillaceous, calcareous; with trace of shale, green.	1990	2010
Shale, red, as above (80%); sandstone, white, very-fine to medium-grained, subangular, poorly sorted, friable, argillaceous, calcareous, very pyritic (10%); limestone, grey to green, hard, microcrystalline, arenaceous, abundant ostracod (10%); with trace of bentonite.	2010	2030
Sandstone, white, fine- to medium-grained, angular, well sorted, calcareous cement, abundant pyrite (80%); shale, red, as above; with trace of bentonite.	2030	2040
Shale, red, as above (85%); sandstone, as above (10%); with trace of shale, green; with trace of limestone, grey, microcrystalline; with trace of bentonite.	2040	2050
Shale, red, as above (80%) sandstone, white to grey, very-fine to fine-grained, poorly sorted, pyritic, calcareous; with trace of shale, green; with trace of limestone, grey, hard, microcrystalline, arenaceous, ostracod; with trace of bentonite.	2050	2060
Limestone, grey to white, very fine crystalline, hard, arenaceous, micaceous (70%); sandstone, white, very fine-grained, hard, calcareous, micaceous (25%); with trace of shale, red and green.	2060	2080
Limestone, dark grey to grey, microcrystalline, hard, very argillaceous, 50% shale, dark grey, hard, calcareous (50%); with trace of bentonite.	2080	2100

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 3
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Ditto, as above 40% limestone; 40% shale; sandstone, white, fine- to medium-grained, angular, well sorted, friable, calcareous cement, pyritic (20%).	2100	2110
Sandstone, as above (85%); shale, grey, as above (10%); limestone, as above.	2110	2120
Limestone, brown to dark grey, microcrystalline, hard, very abundant ostracod, sandstone, as above 10%.	2120	2150
Limestone, as above, very abundant ostracod.	2150	2190
Sandstone, white to grey, very fine- to medium-grained, subangular, poorly sorted, argillaceous, calcareous (60%); limestone, as above (40%).	2190	2200
Ditto, 80% sandstone.	2200	2230
Limestone, as above, very abundant ostracod.	2230	2250
Limestone, as above, very abundant ostracod (80%); sandstone, as above (20%).	2250	2260
Ditto (60% limestone).	2260	2270
Shale, dark grey, hard, calcareous (70%); sandstone, white, fine- to medium-grained, subangular, well sorted, calcareous cement (20%); limestone, as above (10%).	2270	2280
Sandstone, as above; trace of shale, as above.	2280	2290
Sandstone, grey to white, very fine- to medium-grained, subangular, poorly sorted, argillaceous, calcareous cement; pyrite (70%); limestone, as above, very abundant ostracod (30%); with trace of shale, as above, grey.	2290	2300
Limestone, as above, very abundant ostracod (85%); sandstone, as above (10%) shale, as above, grey.	2300	2320
Ditto, 60% limestone; 30% sandstone; 10% shale.	2320	2330
Sandstone, as above 80%; shale, as above 15%; with trace of limestone, as above.	2330	2340
Limestone, as above, very abundant ostracod (70%); shale, as above 30%.	2340	2370
Limestone, as above; with trace of shale, red.	2370	2400
Sandstone, white, fine- to medium-grained, subangular, fairly well sorted, slightly calcareous, abundance of dead oil residue, floating gold fluorescence and cut; shale, grey, hard, calcareous (20%)	2400	2420
Sandstone, as above; NOTE: some of the hydrocarbon liquid no fluorescence, no gas kick, heavy asphaltic; with trace of shale, green, hard, very calcareous, very silty.	2420	2440
Sandstone, white to grey, very fine- to medium-grained, subangular, tight, poorly sorted, very calcareous, pyritic, argillaceous to silty, dead oil; shale, green to grey, micaceous, silty (15%).	2440	2460
Sandstone, pink to grey, tight, very fine-grained, poorly sorted, very silty, argillaceous, micaceous, pyritic; with trace of shale, as above, red and green.	2460	2470
Sandstone, white to grey, very fine- to medium-grained, subangular, tight, poor to fairly well sorted, calcareous, micaceous, pyritic; sandstone, as above, pink to grey (15%); shale, as above, red and green (10%).	2470	2490
Shale, red, hard, micaceous, calcareous, very silty (80%); sandstone, white, fine- to medium-grained, subangular, fairly well sorted, tight, abundant pyrite, calcareous (15%); with trace of shale, green.	2490	2520
Sandstone, as above (85%); shale, as above (15%).	2520	2540
Sandstone, as above (70%); shale, as above (20%); shale, green, hard, calcareous (10%).	2540	2560
Shale, red, with some green mottled, hard, very silty, slightly arenaceous (85%); sandstone, grey to pink, very fine- to fine-grained, fairly well sorted, calcareous, micaceous, argillaceous.	2560	2590
Shale, as above (85%); sandstone, white, fine- to medium-grained, subangular, well sorted, porous, very friable, abundant pyrite; with trace of sandstone, as above.	2590	2600
Sandstone, white, medium-grained, subangular, well sorted, porous, very friable; abundant pyrite; abundant loose grains (70%); shale, as above (30%).	2600	2620
Sandstone, as above (50%); shale, as above (50%).	2620	2630

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 4
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply Co.

	<u>FROM</u>	<u>TO</u>
Shale, as above (50%); sandstone, grey to pink, very fine- to fine-grained, poorly sorted, tight, slightly calcareous, pyritic (30%); sandstone, as above (20%).	2630	2640
Shale, as above (60%); sandstone, as above (30%); shale, green, hard, slightly calcareous.	2640	2650
Sandstone, grey to pink, very fine- to fine-grained, poorly sorted, tight, very calcareous (60%); shale, as above (20%); limestone, pink to grey, fine to microcrystalline, hard, silty (10%); with trace of sandstone, as above.	2650	2670
Sandstone, grey to pink, very fine- to fine-grained, poorly sorted, tight, argillaceous, silty, calcareous (50%); sandstone, white, medium-grained, subangular, well sorted, porous, very friable, abundant pyrite (30%); shale, as above (20%).	2670	2680
Ditto, 60% sandstone, grey to pink; 30% sandstone, white; 10% shale, as above, red.	2680	2690
Sandstone, green to pink, very fine- to fine-grained, subangular, poorly sorted, hard, tight, argillaceous, calcareous, silty; shale, as above (20%).	2690	2710
Sandstone, grey to green, very fine- to fine-grained, subangular, fairly well sorted, slightly calcareous, ostracod, oily stain; limestone, grey to brown, hard, microcrystalline, abundant ostracod (20%); shale, as above (10%).	2710	2730
Ditto, 60% sandstone; 30% limestone; 10% shale.	2730	2740
Sandstone, grey to white, NOTE: no fluorescence in wet samples. Fluorescence induced by drying cuttings. No gas kick. Fine- to medium-grained, angular, fairly well sorted, friable, calcareous, oily stain, blue to white to gold fluorescence and cut.	2740	2765
Shale, grey to green, hard, calcareous.	2765	2770
Shale, red, hard, calcareous (60%); sandstone, as above (20%); shale, grey to green, as above.	2770	2780
Shale, grey to green (70%); shale, red (15%); sandstone, as above (15%).	2780	2800
Ditto, 50% shale, grey to green; 40% sandstone, as above; shale, as above, red; with trace of limestone, grey to brown, abundant ostracod.	2800	2810
Shale, grey to green, hard, calcareous (60%); sandstone, grey to white, very fine-grained, poorly sorted, tight, hard, calcareous (30%); shale, as above, red; with trace of limestone, as above.	2810	2830
Sandstone, white to grey, fine-grained, subangular, fairly well sorted, calcareous, friable, ostracod (70%); shale, grey to green, as above, (20%); shale, red, as above; limestone, dark grey, hard, abundance ostracod.	2830	2860
Limestone, as above (50%); sandstone, as above (40%); shale, as above, green and red.	2860	2870
Limestone, as above; with trace of sandstone, as above; with trace of shale, as above.	2870	2900
Shale, red, hard, calcareous (90%); shale, green, hard, calcareous (10%); with trace of bentonite.	2900	2920
Sandstone, white, fine-grained, subangular, well sorted, tight, calcareous, some mica, some pyrite (80%); shale, red, as above (10%); shale, green, as above.	2920	2930
Ditto, 60% sandstone; 30% shale, red; 10% shale, green.	2930	2940
Shale, red, as above (60%); sandstone, white, fine- to medium-grained, subangular, well sorted, porous, slightly friable, calcareous, chert (30%); shale, green, as above.	2940	2950
Sandstone, as above, oily stain, faint trace of gold to yellow fluorescence (80%); shale, as above, red.	2950	2960
Sandstone, as above (60%); limestone, brown to dark grey, microcrystalline, hard, abundant ostracod (30%); shale, red, as above.	2960	2970
Sandstone, as above (70%); limestone, as above (20%); shale, as above, red and green.	2970	2980
Sandstone, as above (80%); limestone, as above (15%); shale, as above.	2980	3000
Limestone, dark grey, microcrystalline, very hard, argillaceous (80%); Sandstone, as above (20%).	3000	3005

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 5
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	<u>FROM</u>	<u>TO</u>
=====		
WASATCH - 3005 FEET		
Ditto.	3005	3010
Limestone, as above, locally abundant ostracod (80%); shale, red, as above (15%); with trace of sandstone, as above.	3010	3020
Shale, as above, red, (60%); limestone, green, (30%), hard, microcrystalline, with some ostracod; sandstone, grey to pink, very fine-grained, poorly sorted, very calcareous, argillaceous (10%)	3020	3030
Sandstone, as above (70%); shale, red, as above.	3030	3050
Sandstone, white, fine- to medium-grained, subangular, well sorted, porous, calcareous, pyritic (50%); shale, red, as above (50%); trace of shale, green.	3050	3080
Ditto, 70% shale; 30% sandstone.	3080	3100
Shale, as above, red.	3100	3120
Shale, as above, red (70%); shale, as above, green (20%); sandstone, white to grey, fine- to medium-grained, subangular, fairly well sorted, tight, calcareous.	3120	3130
Shale, as above, red; with trace of shale, green; with trace of sandstone, as above.	3130	3180
Sandstone, white, medium-grained, subangular, well sorted, friable, calcareous, pyritic; shale, as above, red (20%).	3180	3190
Ditto, 70% sandstone, 30% shale, red.	3190	3200
Ditto, 70% shale; 30% sandstone, as above.	3200	3210
Shale, red, as above (80%); shale, green, hard, calcareous; trace of sandstone, as above.	3210	3230
Shale, as above (60%) red, (40%) green.	3230	3240
Shale, as above, with trace of sandstone, as above, lost circulation at 3275 feet.	3240	3250
No samples.	3250	3270
Sandstone, white, fine- to medium-grained, angular, well sorted, porous, friable, calcareous cement, chert, as above, pyritic, trace of blue to white fluorescence and cut.	3270	3460
Sandstone, white to grey, very fine- to fine-grained, subangular, fairly well sorted, porous, slightly calcareous, abundance of dead oil residue.	3460	3490
Sandstone, white, fine- to medium-grained, angular, well sorted, porous, friable, calcareous, chert.	3490	3510
Shale, red, hard, calcareous; sandstone, as above (20%).	3510	3520
Siltstone, grey, arenaceous, very calcareous; shale, as above (20%).	3520	3550
Shale, red, hard, calcareous, micaceous, very silty; limestone, grey to red, fine- to medium-crystalline, hard (20%).	3550	3570
Dolomite, grey to pink, medium- to coarse-crystalline, very hard; shale, as above (10%).	3570	3580
Sandstone, grey to pink, fine-grained, subangular, fairly well sorted, very tight, very hard, abundance of calcareous cement (60%); dolomite, as above (30%); shale, as above (10%).	3580	3590
Shale, as above (70%); sandstone, as above.	3590	3610
Sandstone, white, medium-grained, subrounded, well sorted, tight, slightly calcareous; shale, as above (10%).	3610	3620
Ditto, 60% sandstone, 40% shale.	3620	3640
Shale, as above; sandstone, as above (20%); sandstone, grey to pink, fine-grained, subangular, fairly well sorted, very tight, very hard, abundance of calcareous cement (20%).	3640	3670
Shale, red, hard, silty, slightly micaceous.	3670	3680
Sandstone, grey to pink, fine-grained, subangular, fairly well sorted, very tight, very hard, abundance of calcareous cement, shale, as above (10%).	3680	3690
Sandstone, as above.	3690	3730
Sandstone, white, very fine- to fine-grained, subangular, well sorted, porous, calcareous cement.	3730	3760
Sandstone, as above; shale, as above (10%).	3760	3780

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 6
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Sandstone, grey to green, medium-grained, angular, well sorted, very tight, abundance of calcareous cement; shale, light green, very calcareous (20%).	3780	3810
Limestone, grey, hard, microcrystalline (60%); shale, as above (20%); sandstone, as above (10%).	3810	3820
Sandstone, white, fine-grained, poorly sorted, tight, argillaceous, calcareous (60%); sandstone, pink, very fine- to fine-grained, fairly well sorted, very tight, abundance of calcareous cement (30%); shale, red, hard, calcareous.	3820	3830
Sandstone, white, fine- to medium-grained, subrounded, well sorted, friable, porous, calcareous cement.	3830	3850
Sandstone, as above; shale, red, hard, calcareous (20%).	3850	3860
Sandstone, as above.	3860	3870
Sandstone, grey to green, very fine-grained, fairly well sorted, very tight, abundance of calcareous cement (50%); sandstone, as above (30%); shale, grey to green, hard, very calcareous (20%).	3870	3880
Sandstone, white, fine- to medium-grained, subrounded, well sorted, friable, porous, calcareous cement; shale, as above (20%).	3880	3890
Sandstone, white, fine- to medium-grained, subangular, some colored grains, calcareous, hard, tight, pyritic; trace of shale, as above.	3890	3900
Siltstone, light grey, firm, very calcareous; sandstone, as above.	3900	3920
Sandstone, as above; trace of siltstone, as above.	3920	3950
Sandstone, as above, shale, as above.	3950	3960
Sandstone, as above, trace of shale, as above.	3960	3970
Shale, purple, grey, green, tan, hard, firm; some sandstone, as above.	3970	4000
Shale, as above, trace of sandstone, as above.	4000	4020
Sandstone, white to grey, very fine-grained to fine-grained, calcareous, micaceous, hard, tight; trace of shale, as above.	4020	4040
Shale, as above, trace of sandstone, as above.	4040	4050
Sandstone, white to grey, fine- to medium-grained, pyritic, calcareous, very hard, tight; shale, as above.	4050	4060
Sandstone, as above; trace of shale, as above.	4060	4070
Shale, as above; some sandstone, as above.	4070	4130
Shale, as above; some sandstone, as above; trace of limestone, grey, hard, dense, fine-crystalline.	4130	4150
Shale, as above, predominantly grey; some sandstone, as above.	4150	4160
Sandstone, white to grey, very fine-grained to medium-grained, very calcareous, silty, pyritic, poorly sorted, subangular, hard, tight; trace of shale, as above.	4160	4180
Shale, as above; some sandstone, as above.	4180	4190
Shale, red, silty, firm; some shale, as above; trace of sandstone, as above.	4190	4200
Shale, as above.	4200	4210
Sandstone, white, fine-grained to medium-grained, calcareous, subangular, medium tight, hard; trace of shale, as above.	4210	4270
Sandstone, as above; shale, as above.	4270	4280
Sandstone, as above; trace of shale, as above.	4280	4290
Sandstone, as above.	4290	4300
Sandstone, as above; some shale, grey to purple, firm, calcareous.	4300	4310
Shale, as above; some sandstone, as above.	4310	4330
Shale, red, silty, firm; trace of shale, as above; trace of sandstone, as above.	4330	4350
Shale, red, as above; shale, grey, as above; trace of sandstone, as above.	4350	4360
Shale, red, as above; trace of grey shale; trace of sandstone, as above.	4360	4380
Shale, red, as above; shale, grey, as above; sandstone, white, very fine-grained, silty, calcareous.	4380	4390
Shale, red, as above; trace of shale, grey.	4390	4400
Sandstone, as above; some shale, as above.	4400	4410
Shale, as above; shale, grey to green, firm, silty; trace of sandstone, as above.	4410	4420

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 7
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Sandstone, as above; some shale, as above.	4420	4440
Shale, as above; some sandstone, as above.	4440	4460
Sandstone, as above; shale, as above.	4460	4470
Sandstone, as above; some shale, as above.	4470	4500
Siltstone, grey, hard, calcareous; some sandstone, as above; some shale, as above.	4500	4520
Shale, as above; some siltstone, as above; trace of sandstone, as above.	4520	4530
Siltstone, red, calcareous, hard, firm; some siltstone, as above; trace of shale, as above; trace of sandstone, as above.	4530	4540
Shale, red, firm, hard, silty; trace of siltstone, as above; trace of sandstone, as above.	4540	4560
Siltstone, as above; some shale, as above; trace of sandstone, as above.	4560	4590
Siltstone, as above; some shale, as above; trace of sandstone, red to brown, very fine-grained to fine-grained, hard, tight, calcareous.	4590	4630
Sandstone, grey to red, very fine-grained to medium-grained, subangular, poorly sorted, tight, calcareous cement, argillaceous, black chert grains, abundant black grains, pyritic, micaceous, slightly arkosic (50%); shale, red, hard, silty, calcareous (50%).	4630	4700
Sandstone, as above (80%); shale, as above.	4700	4710
Sandstone, as above (90%); shale, as above.	4710	4720
Sandstone, as above (70%); shale, as above.	4720	4730
Shale, as above (70%); sandstone, as above; with trace of shale grains, hard, very calcareous.	4730	4780
Sandstone, as above (65%); shale, as above; with trace of shale grains, as above.	4780	4790
Ditto, 90% sandstone.	4790	4800
Ditto, 70% sandstone.	4800	4820
Sandstone, as above.	4820	4830
Sandstone, as above (80%); shale, as above.	4830	4840
Shale, as above (60%); sandstone, as above.	4840	4860
Sandstone, as above.	4860	4870
Shale, as above (80%); sandstone, as above.	4870	4880
Sandstone, as above.	4880	4910
Shale, as above (70%); sandstone, as above.	4910	5000
Shale, as above, red and green, mottled (60%); sandstone, as above.	5000	5010
Sandstone, as above (80%); shale, as above (20%).	5010	5030
Shale, as above, red and green (60%); limestone, grey, microcrystalline to very fine crystalline, very hard (20%); sandstone, as above (20%).	5030	5040
Shale, black to dark green, hard, slightly calcareous, subconchoidal frac (40%); shale, red, as above (40%); sandstone, as above.	5040	5050
Shale, as above, red to purple (80%); sandstone, as above.	5050	5060
Shale, red, as above (60%); sandstone, as above (20%); limestone, grey to black, microcrystalline, gastropod.	5060	5070
Sandstone, as above (70%); limestone, as above (20%); shale, red, as above.	5070	5080
Limestone, grey, microcrystalline to fine crystalline, hard, arenaceous (70%); sandstone, as above; with trace of shale, red and green.	5080	5090
Sandstone, as above.	5090	5100
Limestone, as above (70%); sandstone, as above (20%); shale, red to purple, as above.	5100	5120
Limestone, light grey to brown, microcrystalline, hard.	5120	5130
Limestone, as above (60%); shale, red, hard, calcareous, silty.	5130	5150
Shale, red to grey, hard, calcareous (70%); sandstone, white, fine-grained to medium-grained, subangular, well sorted, tight, abundance of calcareous cement, abundance of black grains, very micaceous.	5150	5160
Shale, red, with some green and purple mottled, hard, calcareous.	5160	5190
Shale, as above (60%); sandstone, grey, very fine-grained, poorly sorted, argillaceous, silty, abundance of calcareous cement, pyritic.	5190	5200
Sandstone, as above; with trace of shale, as above; with trace of limestone, grey, microcrystalline, hard, argillaceous.	5200	5230
Ditto, with sandstone, white, fine-grained to medium-grained, subangular, fairly well sorted, tight, abundance of calcareous cement, abundance of black grains, very micaceous, pyritic (20%).	5230	5250

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 8
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	<u>FROM</u>	<u>TO</u>
Sandstone, grey, very fine-grained to medium-grained, subangular, poorly sorted, very tight, argillaceous, abundance of calcareous cement; with trace of limestone, grey, hard, argillaceous.	5250	5370
Ditto; with shale, dark grey, hard, calcareous, silty (20%); with trace of coal, argillaceous.	5370	5380
Sandstone, as above.	5380	5390
Sandstone, as above; with shale, dark grey, hard, calcareous (20%); with limestone, grey, hard, argillaceous.	5390	5420
Sandstone, as above (60%); limestone, as above.	5420	5430
Sandstone, as above (80%); limestone, as above.	5430	5440
Sandstone, white to light grey, medium-grained to coarse-grained, calcareous cement, angular, fairly well sorted, friable, abundance of black grains (80%); shale, grey, with some red, hard, calcareous.	5440	5470
Shale, as above (60%); sandstone, as above.	5470	5480
Sandstone, grey, very fine-grained, poorly sorted, very tight, abundance of calcareous cement, argillaceous; with trace of limestone, grey, microcrystalline, hard, argillaceous.	5480	5520
Ditto; with sandstone, as above (30%), white to light grey, medium-grained to coarse-grained, angular, calcareous cement, fairly well sorted, friable, abundance of black grains.	5520	5530
Sandstone, grey, very fine-grained to fine-grained, poorly sorted, very tight, abundance of calcareous cement, argillaceous (70%); shale, grey, with some red, hard, calcareous.	5530	5570
Sandstone, white, medium-grained, subangular, well sorted, abundance of calcareous cement, very tight, abundance of black grains; limestone, grey, microcrystalline, arenaceous, argillaceous.	5570	5580
Limestone, as above; sandstone, grey, very fine-grained, poorly sorted, abundance of calcareous cement (20%).	5580	5590
Limestone, as above; shale, red, green, grey, calcareous (40%).	5590	5600
Sandstone, grey, very fine-grained to fine-grained, subangular, poorly sorted, abundance of calcareous cement, argillaceous; shale, as above (20%).	5600	5620
Sandstone, as above (60%); shale, as above (20%); limestone, grey, microcrystalline to very fine crystalline, argillaceous (20%)	5620	5640
Sandstone, as above.	5640	5660
Sandstone, white, medium-grained to coarse-grained, subrounded, fairly well sorted, friable, abundance of black grains; shale, grey to red, mottled, hard, calcareous (20%).	5660	5670
Sandstone, white to grey, very fine-grained to fine-grained, very poorly sorted, very tight, abundance of calcareous cement; shale, grey to red, mottled (20%).	5670	5690
Sandstone, white, medium-grained, subangular, very well sorted, abundance of calcareous cement; shale, as above (20%).	5690	5700
Shale, as above (70%); sandstone, as above.	5700	5710
Sandstone, white, very fine-grained to fine-grained, tight, fairly well sorted, abundance of calcareous cement, pyritic (60%); shale, red, with some green, silty (30%); limestone, grey to brown, microcrystalline.	5710	5720
Sandstone, as above (40%); limestone, as above (40%); shale, as above (20%).	5720	5730
Shale, grey and red, soft, calcareous (60%); limestone, brown, microcrystalline, argillaceous (20%); sandstone, as above (20%).	5730	5750
Shale, as above; with trace of sandstone, as above.	5750	5760
Sandstone, grey to white, fine-grained to medium-grained, subangular, poorly sorted, argillaceous, abundance of calcareous cement, abundance of black grains; with trace of shale, as above.	5760	5770
Sandstone, white, medium-grained, subangular, well sorted, calcareous cement, abundance of black coarse grains (shale frags?).	5770	5810
Shale, grey to green with some red, hard, calcareous, silty; sandstone, grey, very fine-grained to fine-grained, poorly sorted, hard, calcareous cement (20%).	5810	5820
Shale, green, as above.	5820	5830

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 9
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	<u>FROM</u>	<u>TO</u>
Shale, as above (80%); limestone, grey, microcrystalline to very fine crystalline, argillaceous.	5830	5840
Sandstone, grey, very fine-grained to medium-grained, subangular, poorly sorted, argillaceous, calcareous cement; abundance of black grains.	5840	5870
Shale, grey to green with some red, hard, very calcareous; limestone, grey, microcrystalline.	5870	5880
Shale, as above (60%); limestone, grey, very fine crystalline; sandstone, white to grey, very fine-grained to fine-grained, fairly well sorted, few black grains, calcareous (20%).	5880	5890
Shale, as above (80%); sandstone, as above.	5890	5900
Shale, as above (50%); limestone, grey, hard, microcrystalline, argillaceous; with some sandstone, as above.	5900	5910
Limestone, as above (60%); sandstone, as above (30%); shale, as above (10%).	5910	5920
Sandstone, as above (70%); limestone, as above.	5920	5930
Limestone, as above (60%); sandstone, as above (30%); with some shale, as above.	5930	5950
Limestone, grey to tan, as above (80%); sandstone, as above (20%).	5950	5960
Limestone, cream, buff, dense, hard (90%); shale, red, grey, varicolored (10%).	5960	6000
Sandstone, white, very fine-grained to medium-grained, some unconsolidated (50%); shale, as above (40%); limestone, as above (10%).	6000	6010
Sandstone, white, medium-grained to coarse-grained, clear, angular, 6 unit of gas increase (100%).	6010	6020
Shale, as above (80%); limestone, as above (15%); trace of sandstone, as above (5%).	6020	6040
Shale, as above (50%); limestone, as above (25%); sandstone, as above (25%).	6040	6070
Shale, as above (50%); limestone, as above (50%).	6070	6080
Shale, as above (50%); limestone, as above (40%); trace of sandstone, as above (10%).	6080	6100
Limestone, as above (75%); shale, as above (25%).	6100	6110
Sandstone, white, fine-grained, calcareous, hard, tight (50%); shale, as above (35%); trace of limestone, as above (15%).	6110	6120
Shale, as above (70%); sandstone, as above (30%).	6120	6130
Shale, as above (50%); limestone, as above (40%); trace of sandstone, as above (10%).	6130	6140
Sandstone, white, very fine-grained to fine-grained, silty, calcareous (60%); shale, as above (30%); trace of limestone, as above (10%).	6140	6150
Shale, as above (50%); limestone, as above (25%); sandstone, as above (25%).	6150	6160
Sandstone, as above (40%); limestone, as above (40%); shale, as above, grey (20%).	6160	6210
Sandstone, as above (50%); shale, as above (40%); limestone, as above (10%).	6210	6230
Shale, as above, red, varicolored, grey (80%); sandstone, as above (10%); limestone, as above (10%).	6230	6300
Sandstone, as above (50%); shale, as above (40%); trace of limestone, as above (10%).	6300	6310
Sandstone, white, very fine-grained to fine-grained, calcareous, silty, micaceous, subangular to subrounded, frosted in part, 8 unit gas increase (100%).	6310	6330
Shale, as above (50%); sandstone, as above (50%).	6330	6340
Shale, as above (100%).	6340	6350
Shale, as above (60%); sandstone, as above (20%); limestone, as above (20%).	6350	6360
Shale, as above (90%); trace of sandstone, as above (10%).	6360	6370
Shale, grey with some red, hard, calcareous (70%); sandstone, grey, very fine-grained to medium-grained, subangular, poorly sorted, calcareous, argillaceous, slightly micaceous, slightly pyritic (20%); limestone, grey, very fine crystalline to microcrystalline, hard, argillaceous.	6370	6380

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 10
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mountain Fuel Supply

	FROM	TO
Ditto, with some dead oil residue in sandstone.	6380	6390
Shale, as above, varicolored; sandstone, as above (20%).	6390	6400
Shale, as above (80%); sandstone, grey, very-fine grained, fairly well sorted, hard, very calcareous.	6400	6440
Shale, as above (80%); limestone, grey, microcrystalline, microvugs, hard.	6440	6450
Shale, as above (70%); sandstone, white, fine- to medium-grained, sub-angular, well sorted, calcareous, some black grains (20%); sandstone, as above.	6450	6470
Shale, green, red, grey, hard, calcareous.	6470	6490
Shale, as above (70%); sandstone, grey to green to white, very fine-grained to fine-grained, subangular, fairly well sorted, calcareous cement, friable.	6490	6510
Sandstone, white, medium-grained, subrounded, well sorted, friable, calcareous cement, some black grains (60%); shale, as above (40%)	6510	6520
Sandstone, as above, some dead oil residue?	6520	6530
Shale, as above (60%); sandstone, as above (40%).	6530	6540
Shale, grey, soft, slightly calcareous (80%); shale, red, soft, calcareous, silty.	6540	6550
Shale, grey with some red, as above; sandstone, white, fine-grained, subrounded, well sorted, friable, calcareous cement.	6550	6560
Shale, as above, grey with some red.	6560	6570
Shale, as above (60%); sandstone, as above.	6570	6580
Shale, as above (50%); sandstone, as above, fine- to medium-grained.	6580	6590
Shale, as above (80%); sandstone, as above.	6590	6600
Shale, as above.	6600	6620
Sandstone, white, very fine- to medium-grained, subrounded, fairly well sorted, calcareous cement, some black grains.	6620	6650
Shale, as above (70%); sandstone, as above.	6650	6660
Shale, as above, grey to green with some red.	6660	6670
Shale, as above (80%); sandstone, grey to green, very fine- to fine-grained, poorly to fairly well sorted, calcareous cement, argillaceous.	6670	6680
Shale, as above (50%); sandstone, as above.	6680	6690
Shale, as above (90%); sandstone, as above.	6690	6740
Shale, as above; trace of sandstone, as above.	6740	6760
Shale, as above (90%); sandstone, white, fine- to medium-grained, sub-angular, well sorted, calcareous cement, black grains.	6760	6770
Shale, as above (70%); sandstone, grey, very fine-grained to fine-grained, poorly sorted, calcareous cement, argillaceous; trace of sandstone, as above.	6770	6780
Sandstone, white to grey, fine- to medium-grained, subangular, well sorted, very friable, calcareous cement, some black grains.	6780	6830
Sandstone, as above (70%); shale, variegated, grey, green, with red, brown, black, purple.	6830	6840
Shale, as above.	6840	6850
Shale, as above (60%); sandstone, as above.	6850	6860
Shale, grey to green, with some red (80%); sandstone, as above.	6860	6870
Shale, as above (90%); limestone, grey, hard, microcrystalline.	6870	6880
Shale, as above (70%); sandstone, grey to white, very fine- to fine-grained, fairly well sorted, calcareous cement, friable.	6880	6890
Shale, as above (70%); sandstone, as above (20%); limestone, as above (10%).	6890	6900
Sandstone, white, fine- to medium-grained, subangular, well sorted, calcareous cement, black grains.	6900	6910
Sandstone, white, fine-grained, fairly well sorted, calcareous cement, black grains; shale, as above (20%).	6910	6930
Shale, as above (80%); sandstone, as above (20%).	6930	6940
Shale, as above (60%); sandstone, as above (40%).	6940	6970
Shale, as above (80%); sandstone, as above (20%).	6970	6980
Shale, variegated, as above, hard, very calcareous, silty; sandstone, white, fine-grained to medium-grained, subangular, well sorted, calcareous cement, black grains (40%).	6980	6990

	<u>FROM</u>	<u>TO</u>
Sandstone, white, fine-grained, subrounded, very well sorted, calcareous cement.	6990	7000
Sandstone, as above (70%); shale, as above.	7000	7010
PRICE RIVER - 7010 FEET		
Shale, as above (80%); sandstone, as above.	7010	7020
Shale, as above.	7020	7030
Shale, as above; sandstone, as above (20%).	7030	7040
No samples.	7040	7050
Shale, as above.	7050	7060
Shale, as above (70%); sandstone, as above.	7060	7070
Shale, as above (80%), very silty; sandstone, as above, 14 units of gas increase.	7070	7080
Shale, as above; trace of limestone.	7080	7090
Shale, as above (90%); sandstone, grey to white, very fine-grained to medium-grained, angular, very poorly sorted, very soft.	7090	7100
Sandstone, grey, very fine-grained, poorly sorted, calcareous (60%); shale, variegated, grey, with some red, green and purple.	7100	7110
Shale, as above (70%); sandstone, as above.	7110	7130
Sandstone, white, fine-grained to medium-grained, subrounded, well sorted, calcareous, abundance of black grains (90%); shale, as above.	7130	7150
Sandstone, as above (70%); shale, as above.	7150	7160
Sandstone, as above (60%); shale, as above.	7160	7170
Shale, as above (80%); sandstone, as above.	7170	7190
Shale, as above (90%); sandstone, as above.	7190	7230
Shale, as above (70%); sandstone, as above.	7230	7250
Sandstone, as above (60%); shale, as above.	7250	7260
Sandstone, as above (90%); shale, as above.	7260	7270
Sandstone, white, medium-grained, subangular, very well sorted, siliceous cement, some black grains, blue to white fluorescence and cut.	7270	7300
Sandstone, as above (70%); shale, as above.	7300	7310
Shale, dark grey to grey to green, hard, silty, slightly calcareous; some shale, red, yellow, purple, sandy, hard, firm; trace of sandstone, as above.	7310	7380
Sandstone, white, fine-grained, to medium-grained, subangular, micaceous, some black grains; some shale, as above.	7380	7420
Shale, as above; some sandstone, as above.	7420	7470
Sandstone, as above; shale, as above.	7470	7480
Shale, dark to medium grey, very slightly calcareous, firm (75%); sandstone, grey, white, very fine-grained to fine-grained, silty, calcareous, carbonaceous in part (25%).	7480	7490
Shale, as above (50%); sandstone, as above (50%); trace of coal.	7490	7520
Sandstone, white, fine-grained to medium-grained, clayey in part, micaceous, 6 units of gas increase, no fluorescence (100%).	7520	7535
Shale, as above (50%); sandstone, as above (50%).	7535	7550
Sandstone, white, very fine-grained to fine-grained, friable, trace of pyrite, micaceous (100%).	7550	7580
Sandstone, as above (50%); shale, as above (50%); trace of limonite staining.	7580	7605
Sandstone, white, medium-grained, calcareous, angular (100%).	7605	7625
Shale, medium to dark grey, silty, carbonaceous in part, firm (100%).	7625	7650
Shale, as above (75%); sandstone, grey to white, very fine-grained, silty, calcareous (25%).	7650	7730
Sandstone, white, very fine-grained, calcareous (100%).	7730	7740
Shale, as above (90%); trace of sandstone, as above (10%).	7740	7770
Shale, as above (100%).	7770	7815
Sandstone, white, fine-grained to medium-grained, calcareous, silty (100%).	7815	7825
Shale, as above (100%).	7825	7850
Shale, as above (90%); trace of sandstone, as above (10%).	7850	7875
Shale, as above (75%); sandstone, as above (25%).	7875	7895
Sandstone, white, very fine-grained to fine-grained, calcareous, well sorted, friable, black grains (100%).	7895	7915

=====

	FROM	TO
Shale, as above (50%); sandstone, as above (50%).	7915	7920
Sandstone, as above (100%), 10 unit gas kick.	7920	7930
Sandstone, as above (70%); shale, as above.	7930	7940
Shale, as above (80%); sandstone, as above.	7940	7950
Shale, as above, very silty (80%); siltstone, ochre, hard, calcareous (10%); sandstone, as above.	7950	7955

CASTLEGATE - 7955 FEET

Ditto.	7955	7960
Shale, as above.	7960	7970
Shale, as above (60%); sandstone, white to clear, very fine-grained to fine-grained, rounded, very well sorted, calcareous cement, some dead oil residue, blue to white fluorescence and cut.	7970	7980
Sandstone, as above (70%); shale, as above.	7980	7990
Shale, as above (70%); sandstone, as above.	7990	8000
Sandstone, as above.	8000	8020
Sandstone, as above (70%); shale, as above.	8020	8030
Sandstone, as above.	8030	8040
Sandstone, as above (80%); shale, as above.	8040	8050
Shale, variegated, grey, green, brown; sandstone, as above (30%); trace of limestone.	8050	8060
Sandstone, as above.	8060	8080
Sandstone, as above; shale, grey to brown, carbonaceous, with some variegated (30%).	8080	8090
Sandstone, as above (80%); shale, as above.	8090	8100
Sandstone, as above.	8100	8110

DEPTH CORRECTION - 6 FEET

Sandstone, as above; shale, as above (20%).	8109	8120
Sandstone, light to dark grey, very fine-grained, fairly well sorted, very hard, slightly calcareous (50%); shale, as above (40%); sandstone, as above.	8120	8130
Sandstone, white to clear, very fine-grained, very well sorted, siliceous cement, very tight, very hard (90%); shale, as above, dark grey to brown, lignitic, very silty.	8130	8140
Sandstone, as above (50%); shale, as above.	8140	8150
Shale, as above (60%); sandstone, as above.	8150	8160
Sandstone, as above (70%); shale, as above, lignitic.	8160	8165
Shale, as above (80%); sandstone, as above.	8165	8170
Shale, as above (90%); sandstone, as above, white to grey.	8170	8185
Sandstone, as above.	8185	8200
Shale, as above (70%); sandstone, as above.	8200	8220
Sandstone, as above (50%); sandstone, grey to black, very fine-grained to fine-grained, subangular, poorly sorted, silty, carbonaceous (30%); shale, as above.	8220	8230
Sandstone, white to clear, with some grey to black, as above.	8230	8246

BLACKHAWK - 8246 FEET

Ditto.	8246	8250
Sandstone, as above (80%); shale, as above.	8250	8270
Sandstone, as above (70%); shale, as above; with trace of coal.	8270	8280
Sandstone, as above (50%); shale, as above; with trace of coal.	8280	8290
Sandstone, as above.	8290	8310
Sandstone, as above (80%); shale, as above; with trace of coal.	8310	8330
Sandstone, as above (50%); shale, as above (50%); with trace of coal.	8330	8340
Sandstone, as above (80%); shale, as above; with trace of coal.	8340	8370
Shale, as above (80%); siltstone, dark grey, very hard, carbonaceous.	8370	8380
Shale, as above (60%); siltstone, as above (20%); sandstone, as above (20%).	8380	8390
Sandstone, as above (80%); shale, as above.	8390	8400
Sandstone, as above, medium to dark grey, carbonaceous.	8400	8410

FIELD Mt. Bartles SEC. 9 T. 13S R. 14E PAGE 13
 FARM Mt. Bartles WELL NO. 1
 COMPANY Mt. Bartles

	FROM	TO
Shale, as above, very silty; sandstone, as above (30%).	8410	8420
Shale, as above, very coaly (80%); sandstone, as above.	8420	8440
Shale, as above.	8440	8460
Siltstone, dark grey, carbonaceous, arenaceous.	8460	8470
Siltstone, as above (60%); shale, as above; with trace of coal.	8470	8480
Shale, as above (60%); siltstone, as above; with coal (10%).	8480	8510
Siltstone, as above (50%); shale, as above; with coal (10%).	8510	8520
Shale, as above (90%); coal.	8520	8530
Siltstone, as above (80%); coal; sandstone, grey, very fine-grained, fairly well sorted, hard.	8530	8540
Siltstone, as above (90%); coal.	8540	8565
Sandstone, white, very fine-grained, well sorted, hard, tight, trace of blue to white fluorescence and cut (60%); shale, as above; with trace of coal.	8565	8600
Ditto, 80% of sandstone; 20% of shale.	8600	8630
Shale, as above; some sandstone, as above.	8630	8653
Sandstone, white, fine-grained, clean, some dark grains, subangular, mud well sorted, friable, some fluorescence, poor cut.	8653	8680
Sandstone, as above; shale, as above;	8680	8720
Sandstone, white, fine-grained, clean, some dark grains, subangular, mud well sorted, hard, tight.	8720	8730
Sandstone, as above; some shale, as above.	8730	8740
Sandstone, as above, white to clear, fine-grained, subangular, well sorted, siliceous cement, some black grains.	8740	8750
Sandstone, as above (80%); shale, as above, dark grey, carbonaceous, silty, with some green.	8750	8760
Ditto, with trace of coal.	8760	8780
Sandstone, as above.	8780	8790
Sandstone, as above (50%); shale, as above (50%); with trace of coal.	8790	8810
Sandstone, as above, fine-grained to medium-grained (10%); shale, as above (30%).	8810	8820
Sandstone, as above (80%); shale, as above; with trace of coal.	8820	8850
Sandstone, as above (60%); shale, as above (40%); with trace of coal.	8850	8860
Sandstone, as above (80%); shale, as above; with trace of coal.	8860	8880
Sandstone, as above (60%); shale, as above (40%); with trace of coal.	8880	8890
Sandstone, as above (80%); shale, as above, carbonaceous, with some buff shales.	8890	8900
Shale, as above.	8900	8905
Sandstone, white to light grey, very fine-grained to fine-grained, subrounded, well sorted, siliceous cement, hard, tight, some dead oil residue, slightly orange fluorescence to very slightly cut.	8905	8920
Sandstone, as above (50%); shale, as above (50%); with trace of coal.	8920	8935
Siltstone, dark grey to brown, carbonaceous (80%); sandstone, as above (10%); coal.	8935	8950
Sandstone, white to light grey, very fine-grained to fine-grained, subangular, hard, tight, siliceous cement, some orange fluorescence, very poorly cut.	8950	8965
Siltstone, as above; with coal.	8965	8975
Sandstone, as above.	8975	8985
Sandstone, as above (80%); siltstone, as above.	8985	9000
Siltstone, as above; with shale, carbonaceous; with coal.	9000	9030
Shale, dark grey, carbonaceous (90%); coal.	9030	9060
Siltstone, as above, arenaceous; with shale, variegated (10%).	9060	9070
Ditto, with coal.	9070	9104
Sandstone, grey to brown, fine-grained to medium-grained, subangular, fairly well sorted, friable, calcareous cement, abundance of dead oil residue, some orange fluorescence and very poorly cut.	9104	9118
Sandstone, as above (40%); shale, dark grey, carbonaceous (40%); coal (20%).	9118	9130
Siltstone, as above; with coal.	9130	9150
Siltstone, as above (50%); sandstone, as above (50%); with coal.	9150	9160
Siltstone, as above (60%); sandstone, as above (40%).	9160	9168

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. 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 510' FSL, 660' FWL, SW SW sec. 9		8. FARM OR LEASE NAME Mt. Bartles
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 9268.40', GR 9253'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., GRADING AND SURVEY OR AREA 9-138-14E., S1/4PM
		12. COUNTY OR COUNTY DISTRICT AND STATE Carbon Utah

CONFIDENTIAL

10. 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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Supplementary history <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recombination 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 9644', preparing to plug and abandon. Oral approval to plug and abandon was granted by Mr. Paul W. Burchell of the Utah Oil and Gas Conservation Commission on November 28, 1965 in a telephone conversation Mr. Robert G. Myers.

DST #12: 9535'-9493', Blackhawk, misrun, packers failed.

DST #13: 9535'-9486', misrun.

DST #14: 9535'-9486', misrun, packers failed.

CONFIDENTIAL

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

SIGNED B. W. Croft TITLE General Manager, Production and Transmission DATE Nov. 29, 1965

(This space for Federal or State office use)

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

POOR COPY

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 310 NEWHOUSE BUILDING
 SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Mount Battles No. 1
 Operator Mountain Fuel Supply Address Salt Lake Phone 328 8315
 Contractor Loffland Bros. Drilling Address Casper, Wyo. Phone _____
 Location: SW 1/4 SW 1/4 Sec. 9 T. 13 R. 14 E Carbon County, Utah.
 Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continued on reverse side if necessary)

Formation Tops:

Green River	Surface
Wasatch	3005'
Price River	7010
Castlegate	7957
Blackhawk	8246
Mancos	9640

Remarks:
 No water recovered on any drillstem test.
 No water flows noted during drilling.

Victor B. Hoas
 Senior Development Geologist

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
 (b) Report on this form as provided for in Rule C-20, General Rules
 and Regulations and Rules of Practice and Procedure. (See back of form)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Mount Bartles

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOV. - 1965, 19.....

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

SALT LAKE CITY, UTAH 84111

Signed D. 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)
SW SW 9	13S	14E	1							Spudded 8-29-65 P & A 11-30-65 TD 9,644
					Fee Land - R.G. Everett					

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

Drip Oil

..... runs or sales of ~~XXXX~~ 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 TRIPLICATE*
(Other instructions
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

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-138-14E., SLB3M

12. COUNTY OR PARISH

Carbon

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
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

510' FSL, 660' FWL, SW SW sec. 9

14. PERMIT NO.

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

KB 9268.40', GR 9253'

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.)*

The subject well was plugged and abandoned and the rig released November 30, 1965.
The following cement plugs were laid in the well:

No. 1: 7060'-6960', 60 sacks

No. 2: 2955'-3055', 60 sacks

No. 3: 975'-1075', 65 sacks

No. 4: 8 sacks into top of surface casing. Installed regulation abandonment marker.

CONFIDENTIAL

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

SIGNED

B.W. Craft

TITLE

General Manager, Production
and Transmission

DATE

Dec. 3, 1965

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

POOR COPY

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.

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mt. Bartles

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

9-13S-14E., SLB&M

12. COUNTY OR PARISH
Carbon

13. STATE
Utah

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 510' FSL, 660' FWL, SW SW sec. 9

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 8/29/65 16. DATE T.D. REACHED 11/26/65 17. DATE COMPL. (Ready to prod.) 11/30/65 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 9268.40', GR 9253' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9644' 21. PLUG, BACK T.D., MD & TVD abandoned 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-9644' ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN IE 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
13-3/8"	48	1025.76	17-1/2	1035	0

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		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
abandoned 11/30/65							
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
IE, 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. W. Croft TITLE General Manager, Production and Transmission DATE 12/21/65

POOR COPY

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