

Verbal approval given 5-15-70 by J. B. Seibert

Expected 4-1-73 Fuel Exploration  
Assumed Operations from Mountain  
Fuel Supply.

#### FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief *CS* .....  
Approval Letter .....  
Disapproval Letter .....

#### COMPLETION DATA:

Date Well Completed .....  
OW..... ~~WW~~..... TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land ...

#### LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro  
BHC Sonic GR..... Lat..... MI-L..... Sonic.....  
CBLog..... CCLog..... Others.....

MOUNTAIN FUEL SUPPLY COMPANY  
SALT LAKE CITY, UTAH 84111

May 18, 1970

United States Geological Survey  
8416 Federal Building  
Salt Lake City, Utah 84111

Gentlemen:

Re Designation of Operator  
Uintah-Ouray Indian Lease  
14-20-462-1120  
Duchesne County, Utah

Chevron Oil Company, lessee of the captioned oil and gas lease, has designated Mountain Fuel Supply Company operator to drill Cedar Rim Well No. 3 which will be located on this lease.

A Notice of Intent to Drill this well will be filed by our Rock Springs office and the attached Designation of Operator forms should be attached to your copy of the NID.

Very truly yours,

ORIGINAL SIGNED BY  
G. A. PEPPINGER

G. A. Peppinger  
Chief Landman

GAP:ga

Enclosures

cc: Utah State Oil & Gas Conservation Division ←  
1588 West North Temple  
Salt Lake City, Utah 84116

COPY

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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 1980' FNL, 1980' FEL C SW NE  
 At proposed prod. zone Same API NO. 43-013-3004

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 14 miles east of Fruitland, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1980'

16. NO. OF ACRES IN LEASE  
 627.36

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 -

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

19. PROPOSED DEPTH  
 10,000

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 6286

22. APPROX. DATE WORK WILL START\*  
 June 1, 1970

5. LEASE DESIGNATION AND SERIAL NO.  
 Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Cedar Rim

9. WELL NO.  
 3

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 40SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH  
 Duchesne

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	54.5	750	914
8-3/4	7	23-26-29	To be determined	

We would like your permission to drill the subject well to estimated depth of 10,000'. Anticipated formation tops are as follows: Uinta at the surface, Green River at 2950' and Wasatch at 3650'.

We plan to drill this well with mud adequate to contain formation fluids and blow out preventers will be checked daily.

A Tentative Plan to Drill the subject well will be sent at a later date.

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. H. Croft TITLE Vice President, Gas Supply Operations DATE May 22, 1970

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

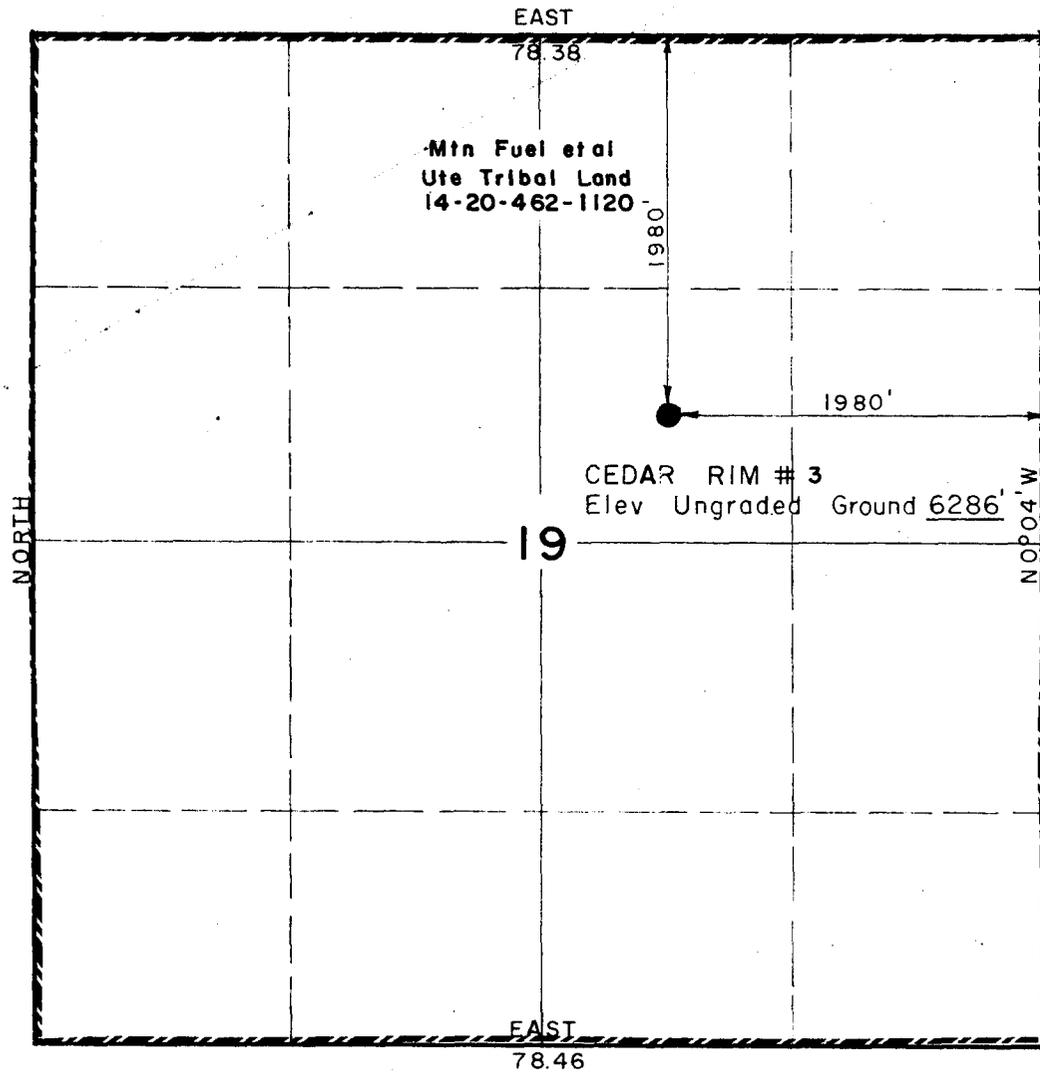
109

T3S, R6W, U.S.M.

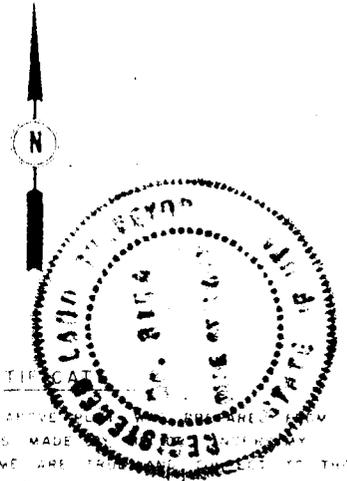
PROJECT

MOUNTAIN FUEL SUPPLY

CEDAR RIM #3 Well location, located as shown in the SW 1/4 NE 1/4 Section 19, T3S, R6W, U.S.M., Duchesne County, Utah.



X = Corners Found (Stone).



CERTIFICATE

I HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE ORIGINAL SURVEY RECORDS AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 22 Dec. 1969
PARTY G.S., L.C.K., L.D.T., & K.M.	REFERENCES G.L.O. Plat
WEATHER Cool	FILE Mountain Fuel Supply

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May 26, 1970

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

Re: WELL NO. Cedar Rim #3  
Sec. 19, T. 3 S., R. 6 W.,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should 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  
OFFICE: 328-5771

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

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

May 26, 1970  
Mountain Fuel Supply Company  
Page 2

The API number assigned to this well is 43-013-30040 (see Bulletin D-12 published by the American Petroleum Institute).

Respectfully yours,

DIVISION OF OIL AND GAS CONSERVATION

*Cleon B. Feight*  
CLEON B. FEIGHT  
DIRECTOR

CBF:jw

cc: U.S. Geological Survey

Enclosures

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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.  
Ute Tribal 14-20-462-1120

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

1. OIL WELL  GAS WELL  OTHER Wildcat

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

8. FARM OR LEASE NAME  
Cedar Rim

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

9. WELL NO.  
3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1980' FNL, 1980' FEL SW NE

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

12. COUNTY OR PARISH 13. STATE  
Duchesne 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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

Depth 665', drilling.

Spudded June 3, 1970, landed 22"OD culvert conductor pipe at 38.00' KBM and set with 6 yards construction concrete.

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

SIGNED BW Graft

Vice President,  
Gas Supply Operations

DATE June 8, 1970

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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100  
AE

## INTEROFFICE COMMUNICATION

**FROM** R. G. Myers Rock Springs, Wyoming  
CITY STATE

**TO** S. J. Fisher **DATE** May 22, 1970

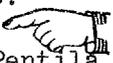
**SUBJECT** Tentative Plan to Drill  
Cedar Rim Well No. 3  
Duchesne County, Utah

Attached for your information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated April 9, 1970.

The plan was reviewed May 22, 1970, by Messrs. S. J. Fisher, D. E. Dallas, and R. G. Myers, and any necessary changes have been incorporated in this final plan. The plan was also reviewed and approved by J. M. Hummel with changes as shown.

RGM/gm

Attachment

cc: J. T. Simon  
B. W. Croft  
L. A. Hale (6)  
S. J. Fisher  
J. E. Adney  
Geology (2)  
D. E. Dallas (4)  
C. F. Rosene  
U.S.G.S.  
State   
A. A. Pentila  
Paul Zubatch  
P. E. Files (4)

From: J. J. Sanna

Rock Springs, Wyoming

To: R. G. Myers

May 20, 1970

Tentative Plan to Drill  
Cedar Rim Well No. 3  
Duchesne County, Utah

This well will be drilled to total depth by the Loffland Brothers Drilling Company using a contract rig. One work order has been originated for the drilling and completion of this well, namely 1072-19469, Drill Cedar Rim Well No. 3, located in C SW NE Sec. 19, T. 3 S., R. 6 E., Duchesne County, Utah. Ground level is 6286 feet.

1. Using air, drill 26-inch hole to a depth of 15 feet below ground level. A cellar four feet deep will be required.
2. Run a 25 foot section of 20-inch O.D. culvert to bottom. This will provide 10 feet of culvert for a drilling nipple. With the culvert on bottom and centered, cement the culvert using 3.0 cubic feet of construction concrete with 2 percent calcium chloride which represents theoretical cement requirements plus 180 percent excess cement for 20-inch O.D. culvert in a 26-inch hole.
3. After a WOC time of 12 hours, drill 17-1/2-inch hole using drilling mud to a depth of approximately 775 feet KBM.
4. Run and cement approximately 750 feet of 13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing. The casing will be cemented with 914 sacks of regular cement which represents theoretical requirements plus 100 percent excess cement for 13-3/8-inch O.D. casing in 17-1/2-inch hole with cement returned to surface. Cement will be treated with 1375 pounds of calcium chloride. Plan on leaving a 10 foot cement plug in the bottom of the casing after displacement is completed. A 13-3/8-inch O.D. Halliburton guide shoe will be run on the bottom of the casing and will be made up and spot welded to the shoe joint on the pipe rack. When running casing, the top and bottom

5/20/70

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of the casing collars will be spot welded on the bottom six joints of casing and on the top six joints of casing. The bottom of the surface casing should be landed in such a manner that the top of the 12-inch Series 900 casing flange will be even with ground level. Circulate 150 barrels of drilling mud prior to beginning cementing operations. Capacity of the 13-3/8-inch O.D. casing is 116 barrels. If lost circulation is encountered while drilling the surface hole, consideration should be given to using cementing baskets, higher percentage of excess cement, floseal in the cement, or a gilsonite type cement.

5. After a WOC time of 12 hours, wash off the 13-3/8-inch O.D. casing collar and lay down the landing joint. Install a NSCo. Type "B" 12-inch Series 900 regular duty casing flange tapped for 13-3/8-inch O.D., 8 round thread. Install a 2-inch extra heavy nipple, 6-inches long, and a Nordstrom Figure 235<sup>4</sup> (2000 psi WOG and 4000 psi test) valve on one side outlet of the casing flange and a 2-inch extra heavy bull plug in the opposite side. Install a spacer spool, 12-inch Series 900 by 12-inch Series 900, with outlets for a kill line. Install a 12-inch Series 900 double gate hydraulically operated blow-out preventer with blind rams in the bottom and 4-1/2-inch drill pipe rams in the top. Install a 12-inch Series 900 Hydril preventer and finish nipping up. After a WOC time of 20 hours, pressure test surface casing, all preventer rams and kelly-stop to 500 psi for 15 minutes using rig pump and mud. The burst pressure rating for new 13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing is 2500 psi. Hand wheels and extensions will be installed and operative before drilling out cement.
6. Drill 8-3/4-inch hole (using an 8-3/4-inch square drill collar and adequate 7-inch O.D. spiral groove drill collars) to the tentative total depth of

5/20/70

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10,000 feet or to such other depth as may be recommended by the Geological Department. The mud system should be maintained at 8 to 10 cc. water loss with a maximum weight of 11.0 ppg. A commercial fully manned logging unit will be used from 6000 feet to total depth drilled. A Company Geologist will check cutting samples from 6000 feet to total depth drilled. A mud desander and desilter will be used from the bottom of the surface casing to total depth drilled. Anticipated formation tops are as follows:

	<u>Approximate Depth</u> <u>(Feet KBM)</u>
Uinta Formation	Surface
Green River Formation	2950
Wasatch Formation	7500
Total Depth	10000

At depths recommended by the Geological Department, four 20 foot full gauge cores will be taken in the potential producing zones.

7. Run Schlumberger dual induction laterolog and borehole compensated sonic-gamma ray log from below surface casing to total depth. Run variable density log over zones of interest.
8. Assume commercial quantities of gas and/or oil are present as indicated by open hole drill stem tests and log analysis. Go into hole with 8-3/4-inch bit and drill pipe to total depth to condition mud prior to running production casing. Pull bit laying down drill pipe and drill collars. Install 7-inch casing rams in preventer. Maximum mud weight should not exceed 11.0 ppg.
9. Run and cement approximately 10,000 feet of 7-inch O.D. casing (as outlined under Item III, General Information). The casing will be cemented with 50-50

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Pozmix "A" cement and the volume requirements will be based on the actual hole size as determined by the caliper log and be of sufficient amount to bring the cement top outside of the 7-inch O.D. casing to 7000 feet KBM. The cement will be preceded with 1000 gallons of Halco mud flush. Cement composition will consist of 2 percent gel, 10 percent salt, and 1-1/4 percent CFR-2 (fluid loss and friction reducer). A Baker differential collar and a Baker differential shoe will be run as floating equipment. Circulate 400 barrels of drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is approximately 387 barrels. Rotate casing while mixing, pumping and displacing cement. Displace with mud and save all displaced mud.

10. Immediately after cementing operations are completed, land the 7-inch O.D. casing with full weight of casing on slips and record indicator weight. Install a NSCo. Type "B" 12-inch Series 900 by 6-inch Series 1500 crossover tubing spool. Pressure test slip and seal assembly to 2750 psi for 5 minutes. The minimum collapse pressure for 7-inch O.D., 26-pound, N-80, 8 round thread, LT&C casing is 5410 psi. Install a steel plate on the 6-inch Series 1500 tubing spool flange.
11. Release drilling rig and move off location.
12. Move in and rig up a completion rig.
13. Install a 6-inch Series 1500 hydraulically operated double gate preventer with blind rams on bottom and 2-7/8-inch tubing rams on top. Install flow nipple.

10 #

5/20/70

-5-

14. After a WOC time of at least 36 hours, rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 7-inch O.D. casing.
15. After a WOC time of at least 40 hours, pick up and run a 6-inch bit and adequate 4-3/4-inch drill collars on 2-7/8-inch O.D., 6.4-pound, N-80, seal-lock thread tubing to check plugged back depth.
16. Using Halliburton pump truck and mud, pressure test casing and tubing rams to 3000 psi for 15 minutes. The minimum internal yield for the lightest casing in hole, 7-inch O.D., 23-pound, N-80 casing, is 5800 psi and the wellhead has a working pressure of 5000 psi with a test pressure of 10,000 psi. Land tubing on the NSCo. Type H-1 tubing hanger and pressure test casing and blind rams to 3000 psi for 15 minutes. Pull bit, standing tubing and drill collars in derrick.
17. Dependent on log analysis and mud logging unit record, drill stem tests may be taken through casing perforations using hook-wall packer.
18. A tentative plan to complete the well will be issued after results of the above items have been evaluated.

#### GENERAL INFORMATION

- I. The following remarks are taken from the "Geologic Prognosis."

This proposed well is located one mile west of the Mountain Fuel Supply Company Cedar Rim Well No. 2 which encountered lost circulation zones in the upper portion of the hole and high pressure gas and oil zones in the lower portion of the hole.

- II. The drill pipe rams and Hydril preventer will be operated once each 24 hours and the blind rams will be operated when drill pipe is out of hole.

5/20/70

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III. The following tubular goods have been assigned to the well.

<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
<u>Surface Casing</u>		
13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing	788	To be purchased
<u>Production Casing</u>		
<u>(Top to Bottom in Well)</u>		
7-inch O.D., 26-pound, N-80, 8 round thread, LT&C casing	156	Rock Springs Whse.
7-inch O.D., 26-pound, N-80, 8 round thread, LT&C casing	390	To be purchased
7-inch O.D., 23-pound, N-80, 8 round thread, LT&C casing	4,993	To be purchased
7-inch O.D., 26-pound, N-80, 8 round thread, LT&C casing	2,366	To be purchased
7-inch O.D., 29-pound, N-80, 8 round thread, LT&C casing	<u>2,366</u>	To be purchased
Total	10,271	
<u>Production Tubing</u>		
2-7/8-inch O.D., 6.4-pound, N-80, seal-lock thread tubing	10,500	To be purchased

IV. The cement with composition as referred to in Item 9 has the following properties:

Weight	14.4 ppg
Slurry volume	1.27 cubic feet/sack
Thickening time	4 hours and 22 minutes @ 200°F.

Compressive strength:

2880 psi in 24 hours @ 180°F.
2995 psi in 48 hours @ 180°F.
3105 psi in 72 hours @ 180°F.

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.  
Ute Tribal 14-20-462-1120

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH  
Duchesne

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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

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

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

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

Depth 4200', drilling.

Landed 13-3/8" surface casing at 790.82' KBM and set with 650 sacks of cement.

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

SIGNED Copy (Original Signed) B. W. Croft TITLE Vice President, Gas Supply Operations DATE June 23, 1970

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-RH424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-38-6W., U.S.M.

12. COUNTY OR PARISH  
Duchesne

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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 COMPLETS <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary history</u>	<input checked="" type="checkbox"/>

(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 6714', drilling.

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

SIGNED B. W. Croft TITLE Vice President, Gas Supply Operations DATE June 30, 1970

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

75

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1120

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim

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

Agent's address P.O. Box 11368 Company Mountain Fuel Supply Company

Salt Lake City, Utah 84111

Signed E. Murphy

Phone 328-8315

Agent's title Chief Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NE 19	38	6W	3							Spudded 6-3-70 Drilling 6,952' 6-30-70

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

\_\_\_\_\_ runs or sales of gasoline 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 THE DATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., E., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH 13. STATE  
Duchesne 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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*  
Depth 8395', Drilling.

18. I hereby certify that the foregoing is true and correct  
SIGNED B. W. Craft TITLE Vice President, Gas Supply Operations DATE July 14, 1970

(This space for Federal or State office use)

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

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate\*  
(Other Instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

12. COUNTY OF PARISH  
Duchesne

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, CR, etc.)  
KB 6304.05' GR 6286'

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

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

(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 9738', laying down 4 1/2" drill pipe.

Landed 7"OD casing at 9716' and set with 900 sacks of cement.

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

SIGNED B. H. Crofters TITLE Vice President, Gas Supply Operations DATE July 28, 1970

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1120

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for the month of JUL - 1970, 19\_\_\_\_,

Agent's address P.O. Box 11368 Company Mountain Fuel Supply Company

Salt Lake City, Utah 84111 Signed E. Murphy

Phone \_\_\_\_\_ Agent's title 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 NE 19	3S	6W	3							Spudded 6-3-70 Drilling 9,911'

NOV 16 1970

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

P-1 PNB

THE STATE OF UTAH  
DIVISION OF OIL AND GAS CONSERVATION

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		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 1880' FNL, 1985' FEL SW NE		8. FARM OR LEASE NAME Cedar Rim
14. PERMIT NO. -		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, OR, etc.) KB 6230.60 GR 6218		10. FIELD AND POOL, OR WILDCAT Cedar Rim
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW NE 20-3S-6W., USB&M
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Revised formation top	<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.)\*

We have revised the top of the Wasatch formation in the subject well to 7410'.

18. I hereby certify that the foregoing is true and correct  
SIGNED B. W. Croft TITLE Vice President, Gas Supply Operations DATE Aug. 1, 1970

(This space for Federal or State office use)

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

87

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS STATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T., R., M., OR BLK. AND SURVEY OR ABBA  
SW NE 19-38-6W U.S.M.

12. COUNTY OR PARISH 13. STATE  
Duchesne 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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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

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

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

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

Depth 10,317', drilling.

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

SIGNED B. H. Craft  
(This space for Federal or State office use)

TITLE Vice President  
Gas Supply Operations

DATE August 5, 1970

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

84

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS STATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-38-6W U.S.M.

12. COUNTY OR PARISH 13. STATE  
Duchesne 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  
1980' FNL 1980' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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

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

(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 11,014', drilling.

18. I hereby certify that the foregoing is true and correct  
SIGNED L. St. Craft \* TITLE Vice President Gas Supply Operations DATE August 12 1970

(This space for Federal or State office use)

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

83

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN REVERSE SIDE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA  
SW NE 19-38-6W., U.S.M.

12. COUNTY OR PARISH | 13. STATE  
Duchesne | 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  
1980' FNI, 1980' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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) <input checked="" type="checkbox"/> Supplementary history	
(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 11,511', circulating at 11,060'.  
Landed 9699.94' net, 9757.69' gross of 7"OD, 23# and 26#, S-95, LT&C casing at 9717.99' KBM and set with 900 sacks of cement.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct  
SIGNED B. W. Craft, Jr. TITLE Vice President, Gas Supply Operations DATE August 19, 1970

(This space for Federal or State office use)

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



**MOUNTAIN FUEL SUPPLY COMPANY**

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84111 • PHONE 328-8315

August 24, 1970

Mr. Cleon B. Feight  
Secretary  
Utah Oil and Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

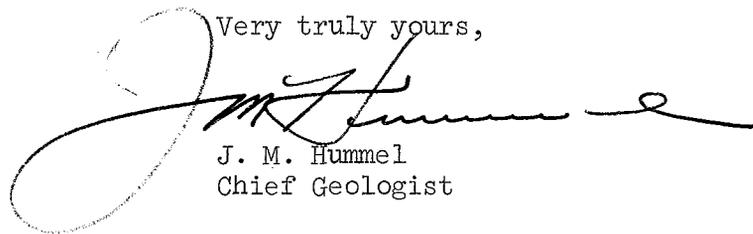
Dear Mr. Feight:

Cedar Rim Well No. 3  
Sec. 19, T. 3 S., R. 6 W.  
Duchesne County, Utah

Please hold confidential for 30 days all information on the above well  
in Duchesne County, Utah.

Thank you.

Very truly yours,



J. M. Hummel  
Chief Geologist

JMH:ga

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.  
Ute Tribal 14-20-462-1120

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal
2. NAME OF OPERATOR Mountain Fuel Supply Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME Cedar Rim
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL, 1980' FEL SW NE		9. WELL NO. 3
14. PERMIT NO. -		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6304.05' GR 6286'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW NE 19-3S-6W., U.S.M.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

TD 11,511', rig released August 21, 1970, waiting on completion tools.

Landed 1927.76' net, 1946.87' gross of 5"OD, 18#, N-80 extreme line thd casing at 11,505.87' KBM and set with 176 sacks of cement.

**CONFIDENTIAL**

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

SIGNED B. W. Craft TITLE Vice President, Gas Supply Operations DATE August 25, 1970

(This space for Federal or State office use)

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

78

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

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1120

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim  
 The following is a correct report of operations and production (including drilling and producing wells) for the month of AUG 1970, 19\_\_\_\_, \_\_\_\_\_  
 Agent's address P. O. Box 11368 Company Mountain Fuel Supply Company  
Salt Lake City, Utah 84111 Signed E. Murphy  
 Phone 328-8315 Agent's title Chief Accountant

SEC. AND ¼ OF ¼	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 NE 19	3S	6W	3							Completed 8-21-70  Shut In

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline 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 on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

1. OIL WELL  GAS WELL  OTHER  Wildcat

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

8. FARM OR LEASE NAME  
Cedar Rim

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

9. WELL NO.  
9

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1980' FNL, 1980' FEL SW NE

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T, R, M, OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

12. COUNTY OR PARISH 13. STATE  
Duchesne 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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) Supplementary history   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

TD 11,511', rigged up contractor workover unit on September 5, perforated from 11348' to 11368' with 2 holes per foot, made 39 swab runs recovering 239 barrels of water, lost 2 slips from packer, unable to recover bridge plug at 11,380'.

**CONFIDENTIAL**

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

SIGNED B. H. Croft TITLE Vice President, Gas Supply Operations

DATE Sept. 15, 1970

(This space for Federal or State office use)

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

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

September 2, 1970

Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

The subject well was drilled to a depth of 9738 feet and 7-inch O.D. casing set at 9717.99 feet KBM. Drilling operations continued to a total depth of 11,511 feet and a 5-inch O.D. liner was set from 9580.11 feet to 11,505.87 feet.

During the drilling operation, eleven zones of interest were encountered. Since there were no open hole drill stem tests run, these zones will be tested through casing perforations.

The following is a tentative plan to evaluate the subject well.

NOTE: Zero is 16.15 feet above the 6-inch Series 1500 tubing spool.

1. Rig up a contract workover rig with mud pump and mud tank.
2. Fill the 1000 barrel and the 400 barrel oil storage tanks with fresh water.  
Haul 112,000 pounds sodium chloride to the location and store it in a Halliburton portable cement bin. Using a Halliburton pump truck, mix 1400 barrels of 9.5 pound per gallon sodium chloride water.
3. Install a 6-inch Series 1500 double gate preventer with blind rams on bottom and 2-7/8-inch tubing rams on top.
4. Rig up Dresser Atlas and run a perforation control and acoustic cement bond log from plugged back depth to the top of the cement behind the 7-inch O.D. casing at approximately 6000 feet KBM.
5. Pick up a Baker roto-vert casing scraper dressed for 5-inch O.D., 18-pound casing and a 4-1/8-inch bit; 1850 feet 2-7/8-inch O.D., 6.4-pound, N-80, seal lock tubing; and a Baker roto-vert casing scraper dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Tag the top of the liner with the 7-inch O.D. casing scraper at 9580.11 feet. Using rig pump, displace the mud from the wellbore with 9.5-pound per gallon sodium chloride water. Approximately 406 barrels will be required.

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6. Using rig pump, pressure test the pipe rams and casing to 3000 psi for 15 minutes. Land tubing on a NSCo. Type H-1 tubing hanger. Pressure test the blind rams to 3000 psi for 15 minutes. Pull tubing and lay down casing scrapers and bit. Fill wellbore with sodium chloride water. The wellhead is 5000 psi working pressure, 10,000 psi test. The 7-inch O.D., 23-pound, S-95 casing has an internal yield pressure of 7530 psi.
7. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following interval with two NCF II jet shots per foot.

11,326 feet to 11,346 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 8-17-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record the surface pressure.

8. Install a stripper head. Run a Johnston Bobcat retrievable bridge plug dressed for 5-inch O.D., 18-pound casing with a 200S recorder and 7 day clock on the bottom; a positriève packer dressed for 5-inch O.D., 18-pound casing, two recorders, and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set bridge plug at 11,370 feet. Set the packer at 11,300 feet. Run a short production test. Be prepared to swab.
9. Rig up a Halliburton pump truck to the 2-7/8-inch tubing. Pump 2000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Displace acid with 66 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run short production test. Shut in periods will be determined at the time the test is being run.

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10. Release the positrieve packer. Lower the tubing and retrieve the Bobcat bridge plug. Reset the bridge plug at 10,950 feet. Pull tubing and Johnston test tools. Fill wellbore with sodium chloride water. Assuming the zone 11,326 feet to 11,346 feet is productive, proceed to Step No. 11. If the zone is non-productive, proceed to Step No. 15.
11. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following interval with two NCF II jet shots per foot.

10,880 feet to 10,926 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 8-17-70 and should be correlated with the Dresser Atlas PFC log. Record surface pressure.

12. Install a stripper head. Run a Johnston positrieve packer, two recorders and a multi-ball valve on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 10,850 feet KBM. Run short production test. Be prepared to swab.
13. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Pump 2000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon acid. Displace with 63 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run a short production test. Shut in periods will be determined at the time the test is being run.
14. Release the positrieve packer. Lower the tubing and retrieve the Bobcat bridge plug. Reset the bridge plug at 10,680 feet KBM. Pull the Johnston test tools.

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15. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following interval with two NCF II jet shots per foot.

10,610 feet to 10,640 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 8-17-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

16. Install a stripper head. Run a Johnston positrieve packer dressed for 5-inch O.D., 18-pound casing; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set packer at 10,580 feet KBM. Run a short production test. Be prepared to swab.
17. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Pump 2000 gallons of 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon acid. Displace the acid with 61 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run a short production test. Shut in periods will be determined at the time the test is being run.
18. Release the positrieve packer. Lower tubing and retrieve the Bobcat bridge plug. Assuming the well is dead, pull the Bobcat bridge plug and Johnston test tools. The bridge plug will be pulled to change the charts and check for communication between zones.
19. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following intervals with two NCF II jet shots per foot.

10,240 feet to 10,250 feet  
10,270 feet to 10,280 feet  
10,344 feet to 10,354 feet

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Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 8-17-70 and should be correlated with the PFC log prior to perforating. Record surface pressure.

20. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 5-inch O.D. casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 10,370 feet KBM. Set the positrieve packer at 10,220 feet KBM. Run a short production test. Be prepared to swab.
21. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 6000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Displace acid with 60 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run a short production test. The shut in periods will be determined at the time the test is being run.
22. Release the packer. Lower tubing and release the bridge plug. Reset the bridge plug at 10,370 feet. Set the packer at 10,230 feet. Run production test. The shut in periods will be determined at the time the well is being tested. Release the packer. Lower tubing and retrieve the bridge plug. Assuming the well is dead, pull the bridge plug and Johnston test tools. Fill wellbore with sodium chloride water.
23. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

9855 feet to 9865 feet  
9918 feet to 9932 feet

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Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 8-17-70 and should be correlated with the Dresser Atlas PFC log. Record surface pressure.

24. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 5-inch O.D. casing with a 200S recorder and 7 day clock; a positriever packer dressed for 5-inch O.D., 18-pound casing; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 9950 feet. Set the packer at 9840 feet. Run a short production test.
25. Assuming there is not communication, rig up a Halliburton pump truck to the 2-7/8-inch tubing. Acidize with 4000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Displace acid with 57 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run short production test. The shut in periods will be determined at the time the test is run.
26. Release the packer. Lower tubing and release the bridge plug. Assuming the well is dead, pull the bridge plug and test tools. Fill wellbore with sodium chloride water.
27. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

9590 feet to 9600 feet  
9640 feet to 9650 feet  
9675 feet to 9685 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

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28. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 5-inch O.D., 18-pound casing with a 200S recorder and 7 day clock; a positrieve packer; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80, seal lock tubing. Set the bridge plug at 9710 feet. Set the packer at 9585 feet. Run a short production test.
29. Assuming there is not communication, rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 6000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Displace acid with 55 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run short production test. The shut in periods will be determined at the time the test is run.
30. Release the packer. Lower tubing and release the bridge plug. Reset the bridge plug at 9585 feet. Pressure test bridge plug to 3500 psi. Pull the test tools. Fill wellbore with sodium chloride water. The bridge plug will be left in the hole to isolate the lower high pressure zones and the upper, possibly lower pressure zones.
31. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

9470 feet to 9480 feet

9530 feet to 9540 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

32. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders on an outside carrier; and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock

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tubing. Set the bridge plug at 9550 feet KBM. Set the packer at 9440 feet KBM. Run a short production test.

33. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 4000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Inject one ball sealer every 100 gallons acid in the first 3000 gallons acid. A total of 30 ball sealers will be used. Displace acid with 55 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run a short production test. The shut in periods will be determined at the time the test is run.
34. Release the packer. Lower tubing and reverse circulate the ball sealers off the bridge plug. Retrieve the bridge plug. Assuming the well is dead, pull the bridge plug and test tools. Fill wellbore with sodium chloride water.
35. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8500 feet to 8510 feet  
8540 feet to 8550 feet  
8632 feet to 8642 feet  
8700 feet to 8710 feet  
8765 feet to 8775 feet  
8846 feet to 8856 feet  
8930 feet to 8940 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

36. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders on an outside carrier and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal

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lock tubing. Set the bridge plug at 8960 feet KBM. Set the packer at 8480 feet KBM. Run a short production test.

37. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Inject one ball sealer every 69 gallons acid in the first 9000 gallons acid. A total of 130 ball sealers will be used. Displace acid with 49 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run a short production test. The shut in periods will be determined at the time the test is run.
38. Release the packer. Lower tubing and reverse circulate the ball sealers off the bridge plug. Retrieve the bridge plug. Assuming the well is dead, pull the bridge plug and test tools. Fill the wellbore with sodium chloride water.
39. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8150 feet to 8160 feet  
8170 feet to 8180 feet  
8200 feet to 8210 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

40. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders on an outside carrier and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 8230 feet KBM. Set the packer at 8130 feet KBM. Run a short production test.

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41. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 6000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Inject one ball sealer every 100 gallons acid in the first 5000 gallons acid. A total of 50 ball sealers will be used. Displace acid with 47 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run a short production test. The shut in period will be determined at the time the test is run.
42. Release the packer. Lower the tubing and reverse circulate the ball sealers off the bridge plug. Retrieve the bridge plug. Assuming the well is dead, pull the bridge plug and test tools. Fill the wellbore with sodium chloride water.
43. Install a 6-inch Series 1500 companion flange tapped 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.
- 7990 feet to 8010 feet  
8030 feet to 8040 feet  
8060 feet to 8070 feet
- Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.
44. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders on an outside carrier and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 8090 feet KBM. Set the packer at 7970 feet KBM. Run a short production test.
45. Rig up a Halliburton pump truck to the 2-7/8-inch tubing. Acidize with 6000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon

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LP-55 and 0.001 gallon inhibitor per gallon acid. Inject one ball sealer every 71 gallons acid in the first 5000 gallons acid. A total of 70 ball sealers will be used. Displace acid with 46 barrels sodium chloride water. Do not exceed a surface pump pressure of 4000 psi. Run a short production test. The shut in period will be determined at the time the test is run.

46. Release the packer. Lower the tubing and reverse circulate the ball sealers off the bridge plug. Release the bridge plug. Assuming the well is dead, pull the bridge plug and test tools. Fill the wellbore with sodium chloride water.
47. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

7482 feet to 7492 feet  
7520 feet to 7530 feet  
7580 feet to 7590 feet

Measurements are from the Schlumberger borehole compensated sonic gamma-ray log dated 7-25-70 and should be correlated with the Dresser Atlas PFC log prior to perforating. Record surface pressure.

48. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a 200S recorder and 7 day clock; a positrieve packer dressed for 7-inch O.D., 26-pound casing; two recorders on an outside carrier and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 7610 feet KBM. Set the packer at 7460 feet KBM. Run a short production test.
49. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 6000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid. Inject one ball sealer every 100 gallons acid in the first 5000 gallons acid. A total of 50 ball sealers will be used. Displace acid with 43 barrels sodium chloride water.

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- Do not exceed a surface pump pressure of 4000 psi. Run a short production test. The shut in period will be determined at the time the test is run.
50. Release the packer. Lower the tubing and reverse circulate the ball sealers off the bridge plug. Retrieve the bridge plug. Pull the bridge plug and test tools and lay down same. Run a Bobcat bridge plug retrieving tool on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Retrieve the 5-inch bridge plug at 9590 feet KBM. Pull bridge plug and lay down same.
  51. Install 4-1/2-inch pipe rams in the preventer. Run a 2-7/8-inch shop made combination closing tool and tubing shoe; a Baker Model C tubing anchor dressed for 7-inch O.D., 26-pound casing; and a 2-7/8-inch 8 round thread by 4-1/2-inch 8 round thread swage nipple. Run on 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing. Set the anchor at approximately 9560 feet. Land the 4-1/2-inch casing on a NSCo. Type H-1 tubing hanger in the neutral position.
  52. Remove the preventer. Run a Baker lock-set packer dressed for 4-1/2-inch O.D., 11.6-pound casing and an Oilmaster No. 219-051 bottom hole assembly. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. The top 3500 feet will be coated internally with HPC-500 epoxy coating. Set the packer at 9540 feet KBM. Strip on a 6-inch Series 1500 by 6-inch Series 1500 Cameron Type "SJ" tubing spool. Land the tubing on a Cameron Type "SJ-1" tubing hanger in 5000 pounds tension. Install a WKM 2-1/2-inch Figure 3000 NH master valve.
  53. Using rig pump, fill the tubing and 4-1/2-inch O.D. casing with sodium chloride water. Approximately 140 barrels will be required. Pump the plug out of the 4-1/2-inch O.D. casing.
  54. Rig up swab. Swab well in. Run production test. Release the workover rig.

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Material Required

I. 2-7/8-inch tubing

11,500 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing - to be purchased.

93 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing - transfer from Sink Draw Well No. 1.

3500 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing coated internally with HPC-500 epoxy coating - Rock Springs yard.

II. 4-1/2-inch casing

290 feet 4-1/2-inch O.D., 11.6-pound, 8 round thread, LT&C casing - transfer from Sink Draw Well No. 1.

9500 feet 4-1/2-inch O.D., 11.6-pound, 8 round thread, LT&C casing - to be purchased.

III. Material

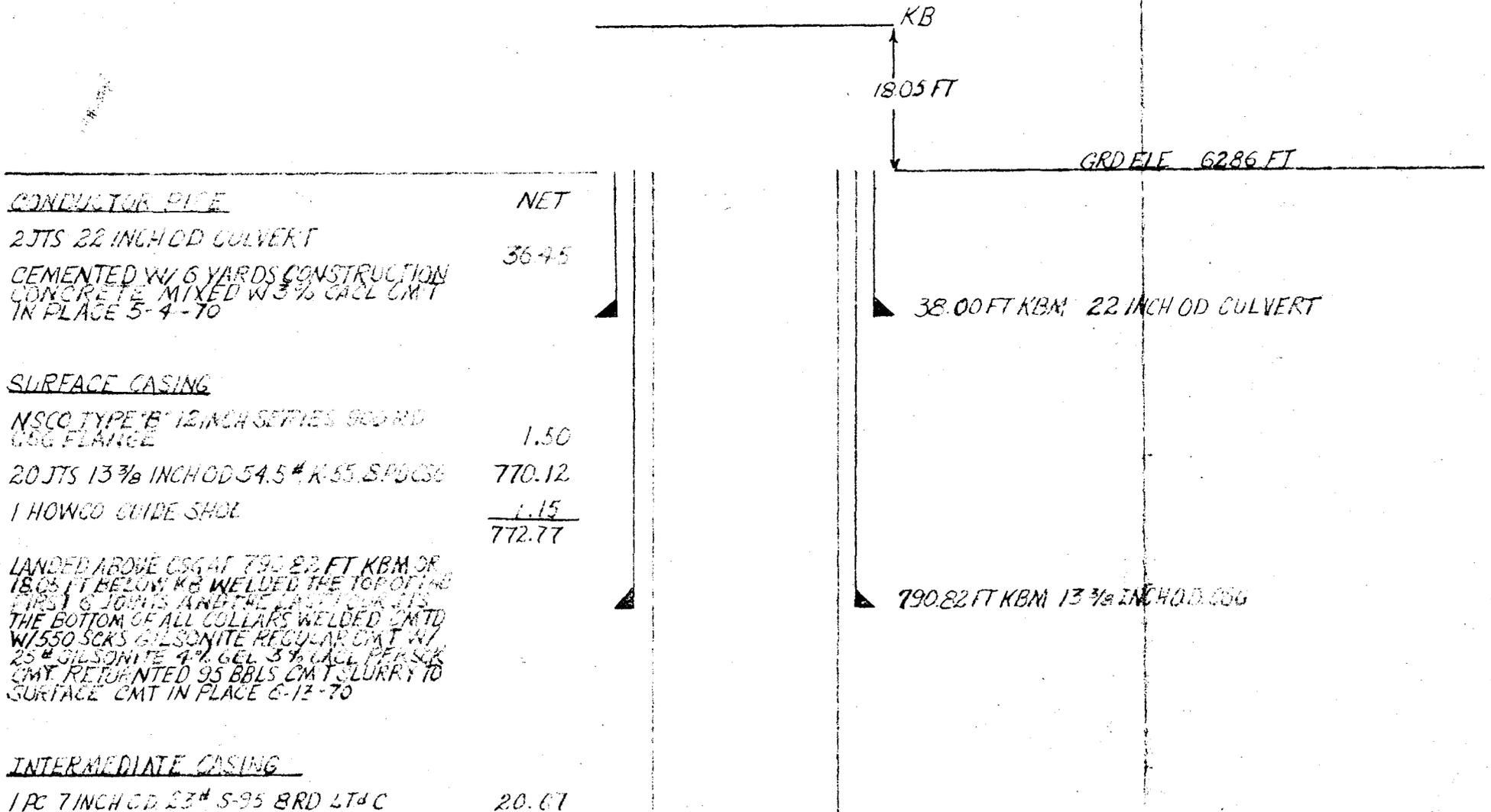
- a. 2-7/8-inch O.D., 8 round thread, EUE, shop made closing tool - Rock Springs Machine Shop.
- b. 2-7/8-inch O.D., 8 round thread, EUE by 4-1/2-inch, 8 round thread swage nipple - National Supply.
- c. 6-inch Series 1500 companion flange with 5-1/2-inch O.D., 8 round thread pin - National Supply.
- d. Cameron 6-inch Series 1500 by 6-inch Series 1500 tubing spool and a Type "SJ-1" hanger with a 2-7/8-inch seal lock thread on bottom and a 2-7/8-inch 8 round thread on top.
- e. Two WKM 2-1/2-inch Figure R3000NH valves - National Supply.
- f. Two 2-7/8-inch O.D., 8 round thread, EUE tubing nipples, 8-inches long - National Supply.
- g. H-1 tubing hanger tapped for 4-1/2-inch O.D., 8 round thread, LT&C casing - National Supply.
- h. One 3000 psi working pressure 2-7/8-inch by 2-7/8-inch by 2-inch pumping tee - National Supply.
- i. Baker lock-set packer dressed for 4-1/2-inch O.D., 11.6-pound casing - Baker in Vernal, Utah.
- j. Baker Model C tubing anchor dressed for 7-inch O.D., 26-pound casing - Baker in Vernal, Utah.
- k. Oilmaster No. 219-052 bottom hole assembly - National Supply in Vernal, Utah.
- l. WKM 2-inch Figure R3000NH valve - National Supply.

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PRESENT STATUS DRAWING  
 CEDAR RIM WELL NO 3  
 SWNE SEC. 19 T 35 R 6 W  
 CEDAR RIM FIELD  
 DUCHESNE COUNTY UTAH

SCHEMATIC - NOT TO SCALE

8-20-70 PJR



166 JTS 7 INCH OD 2 1/2" S-95 BRD LT4C	1015.74
62 JTS 7 INCH OD 2 1/2" S-95 BRD LT4C	2562.67
BAKER DIFF. COLLAR TYPE 'G'	1.80
1 JT 7 INCH OD 2 1/2" S-95 BRD LT4C	36.71
BAKER DIFF. SHOE TYPE 'G'	2.35
	<hr/> 9699.94

LANDED ABOVE CSG AT 9717.99 FT KBM OR  
 18.05 FT KBM IN A NSC 12 INCH SERIES  
 300 CSG FLANGE SPOT WELDED SHOE  
 COLLAR AND JOINT AND BOTTOM OF COLLARS  
 ON 6 JTS CSG. CMTD W/ 90 SCKS 50-50  
 FOZ MIX CMT MIXED W/ 2% GEL 10% SALT  
 1 1/4% CFR-2. GOOD RETURNS WHILE MIXING  
 AND DISPLACING CMT. BUMPED PLUG TO 3500  
 PSI. CSG WEIGHT ON INDICATOR 135,000  
 CMT IN PLACE 7-27 TO INSTALLED A 6 INCH  
 SERIES 1500 BY 12 INCH SERIES 900 TBC  
 SPOOL SEAL TESTED TO 2750 PSI HELD  
 GOOD.

LINER CASING

BURNS LEAD SEAL LINER HANGER	3.69
46 JTS 5 INCH OD 18" N-80 FX LINE	1875.29
1 BAKER REG FLOAT COLLAR	1.46
1 JT 5 INCH OD 18" N-80 FX LINE	41.82
1 BAKER REG FLOAT COLLAR	1.50
	<hr/> 1927.76

TAGGED BOTTOM AT 11507.87 FT KBM  
 SET BOTTOM OF LINER AT 11515.81 FT KBM  
 TOP OF LINER HANGER AT 11523.81 FT KBM  
 CMTD W/ 170 SCKS 50-50 FOZ MIX MIXED W/  
 2% GEL 18% SALT 1 1/4% CFR-2 BUMPED  
 PLUG TO 2500 PSI REVERSE CIRC 140 BBLs  
 MUD (70 BBLs REG.) NO CMT SLURRY WEL  
 TO SURFACE. WEIGHT OF LINE 28,000  
 GOOD RETURNS DURING ENTIRE OPERATIONS  
 CMT IN PLACE 8-10-70

9580.11 FT KBM TOP OF 5 INCH OD LINER. SET WITH  
 BURNS LEAD SEAL LINER HANGER

9717.99 FT KBM 7 INCH OD CSG

11505.87 FT KBM 5 INCH OD LINER

11511.00 FT KBM TD

R. G. MYERS

**INTEROFFICE COMMUNICATION**

**FROM** R. G. Myers

Rock Springs, Wyoming

**TO** S. J. Fisher

**CITY** **STATE**  
September 3, 1970

**SUBJECT** Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

Attached for your information and files is a tentative plan to complete the above-captioned well.

The plan was reviewed September 3, 1970, by Messrs. B. W. Croft, D. E. Dallas, and R. G. Myers, and any necessary changes have been incorporated in this final plan.

RGM/gm

Attachment

- cc: J. T. Simon
- B. W. Croft
- L. A. Hale (6)
- S. J. Fisher
- J. E. Adney
- Geology (2)
- D. E. Dallas (4)
- C. F. Rosene
- T. D. Graham
- U.S.G.S.
- State 
- A. A. Pentila
- P. E. Files (4)

**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1120

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for the month of SEP 1970, 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 Chief Accountant

SEC. AND ¼ OF ¼	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 NE 19	3S	6W	3							Shut In

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline 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 on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

1. OIL WELL  GAS WELL  OTHER  Wildcat

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

8. FARM OR LEASE NAME  
Cedar Rim

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

9. WELL NO.  
3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1980' FNL, 1980' FEL SW NE

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

14. PERMIT NO.  
-

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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

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

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

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

TD 11,511', testing.  
Set model N bridge plug at 10,825', acidized with 500 gallons 15% HCL, squeezed 200 sacks cement into perforations 10,590' to 10,650', preparing to test.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct  
SIGNED B. H. Craft TITLE Vice President, Gas Supply Operations DATE Oct. 6, 1970

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

21. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Run a cement bond log from 7640 feet to the top of the cement behind the 7-inch casing at approximately 6000 feet. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8,966 feet to 8,976 feet  
8,950 feet to 8,960 feet  
8,930 feet to 8,942 feet  
8,908 feet to 8,912 feet  
8,894 feet to 8,902 feet  
8,865 feet to 8,873 feet  
8,844 feet to 8,856 feet  
8,782 feet to 8,802 feet  
8,754 feet to 8,764 feet  
8,742 feet to 8,749 feet  
8,704 feet to 8,712 feet  
8,682 feet to 8,692 feet  
8,644 feet to 8,654 feet  
8,620 feet to 8,630 feet  
8,579 feet to 8,595 feet  
8,571 feet to 8,574 feet  
8,556 feet to 8,566 feet  
8,540 feet to 8,546 feet  
8,524 feet to 8,534 feet  
8,493 feet to 8,520 feet  
8,478 feet to 8,485 feet  
8,455 feet to 8,461 feet

8,242 feet to 8,247 feet  
8,211 feet to 8,229 feet  
8,197 feet to 8,206 feet  
8,184 feet to 8,193 feet  
8,170 feet to 8,176 feet  
8,144 feet to 8,160 feet

8,065 feet to 8,075 feet  
8,042 feet to 8,052 feet  
8,030 feet to 8,032 feet  
8,022 feet to 8,028 feet  
8,000 feet to 8,004 feet  
7,994 feet to 7,996 feet  
7,972 feet to 7,982 feet

7,590 feet to 7,594 feet  
7,572 feet to 7,585 feet  
7,562 feet to 7,564 feet  
7,552 feet to 7,556 feet  
7,510 feet to 7,540 feet  
7,489 feet to 7,492 feet  
7,474 feet to 7,491 feet

9/17/70

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Measurements are from the Dresser Atlas perforation formation control cement bond log dated 9/8/70.

22. Install a stripper head. Run a bridge plug retrieving tool; two recorders on an outside carrier; a positrieve packer dressed for 7-inch O.D., 26-pound casing and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set packer at 8400 feet KBM. Run a short production test.
23. Items No. 23 to the testing in Item No. 26 should be started one morning and completed that day. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 25,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid in 10 steps as follows: Do not exceed a surface pressure of 4000 psi.
  - A. Pump 2500 gallons acid down tubing.
  - B. Pump 125 gallons gelled sodium chloride water mixed with 250 pounds TLC-80. Note: The sodium chloride water will be gelled with WG6.
  - C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Steps A and B.
  - G. Repeat Steps A and B.
  - H. Repeat Steps A and B.
  - I. Repeat Steps A and B.
  - J. Repeat Steps A and B.
  - K. Repeat Step A only.

Displace acid with 49 barrels of sodium chloride water.

24. Release the positrieve packer and lower tubing. Release the bridge plug. Reset the bridge plug at 8300 feet KBM. Reset the packer at 7450 feet.

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS CASE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH 13. STATE  
Duchesne 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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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) <input checked="" type="checkbox"/> Supplementary history	
(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.)\*  
TD 11,511', testing.

Made 6 swab runs to 10,420', recovered 120' water, reperforated from 10,590' to 10,650' KBM with 2 holes per foot, made 12 swab runs recovering 6 1/2 barrels of water, acidized with 2000 gallons 15% HCL, made 32 swab runs recovering 148 barrels of water and acid water, no gas or oil while swabbing.

**CONFIDENTIAL**

18. I hereby certify that the foregoing is true and correct  
SIGNED B. H. Croft TITLE Vice President, Gas Supply Operations DATE Oct. 15, 1970

(This space for Federal or State office use)

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

37

R. G. MYERS

## INTEROFFICE COMMUNICATION

FROM R. G. Myers

Rock Springs, Wyoming  
CITY STATE

TO S. J. Fisher

DATE October 27, 1970

SUBJECT Revised Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

Attached for your information and files is a tentative plan to complete the above-captioned well.

RGM/gm

Attachment

cc: J. T. Simon  
B. W. Croft  
L. A. Hale (6)  
S. J. Fisher  
J. E. Adney  
Geology (2)  
D. E. Dallas (4)  
C. F. Rosene  
T. D. Graham  
U.S.G.S.  
State   
A. A. Pentila  
H. A. Kuehnert (2)  
Phillips Petroleum Co.  
P. E. Files (4)

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10,166 feet to 10,172 feet  
10,156 feet to 10,158 feet  
10,150 feet to 10,152 feet  
10,121 feet to 10,125 feet  
10,110 feet to 10,113 feet  
10,091 feet to 10,099 feet  
10,078 feet to 10,086 feet  
10,041 feet to 10,049 feet

Measurements are from the Dresser Atlas perforation formation control cement bond log dated 9/8/70. Record surface pressure.

2. Install a stripper head. Run a Howco bridge plug dressed for 5-inch O.D. casing with a recorder and 7 day clock; 360 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing; a HRVT packer dressed for 5-inch O.D., 18-pound casing; and two recorders. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 10,390 feet KBM. Set the HRVT packer at 10,020 feet KBM. Run a short production test. Be prepared to swab.
3. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:
  - A. Release the packer. Fill the tubing with 9.5-pound per gallon sodium chloride water.
  - B. Pump 63.5 barrels (2667 gallons) acid mixture down tubing to spot the acid. Reset the packer. Pump the remaining acid down tubing at 2 barrels per minute. Displace acid with 60 barrels sodium chloride water at 2 barrels per minute. Do not exceed a surface pressure of 4000 psi.
  - C. Run a short production test. The shut in periods will be determined at the time the test is run.
4. Release the packer. Lower tubing and release the bridge plug. Reset bridge plug at 10,025 feet. Pull the test tools. Fill wellbore with sodium chloride water.

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From: J. J. Sanna

Rock Springs, Wyoming

To: R. G. Myers

October 27, 1970

Revised Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

The subject well was drilled to a depth of 9738 feet and 7-inch O.D. casing set at 9717.99 feet KBM. Drilling operations continued to a total depth of 11,511 feet and a 5-inch O.D. liner was set from 9580.11 feet to 11,505.87 feet.

During the drilling operation, six zones of interest were encountered. Since there were no open hole drill stem tests run, these zones will be tested through casing perforations.

A workover rig was rigged up and a Dresser Atlas perforation formation control cement bond log was run. The cement bond log indicated the cement behind the 5-inch O.D. liner is at 9940 feet and the cement behind the 7-inch O.D. casing is at 7680 feet.

The following zones have been tested:

11,348 feet to 11,368 feet  
10,900 feet to 10,946 feet  
Set Baker Model "N" bridge plug at 10,825 feet  
10,590 feet to 10,650 feet  
Left top of packer fish at 10,420 feet  
Set Baker Model "N" bridge plug at 10,415 feet

The following is a tentative plan to evaluate the remaining zones.

NOTE: Zero is 16.15 feet above the 6-inch Series 1500 tubing spool.

1. Rigged up Dresser Atlas lubricator and perforated the following intervals with two NCF II jet shots per foot.

10,366 feet to 10,374 feet  
10,348 feet to 10,352 feet  
10,334 feet to 10,338 feet  
10,306 feet to 10,310 feet  
10,300 feet to 10,304 feet  
10,270 feet to 10,290 feet  
10,262 feet to 10,266 feet  
10,244 feet to 10,254 feet  
10,238 feet to 10,240 feet  
10,222 feet to 10,232 feet  
10,216 feet to 10,218 feet  
10,208 feet to 10,214 feet  
10,178 feet to 10,181 feet

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5. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

9912 feet to 9932 feet  
9882 feet to 9886 feet  
9856 feet to 9866 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressures.

6. Install a stripper head. Run two recorders and a HRVT packer dressed for 5-inch O.D., 18-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 9800 feet KBM. Run short production test.
7. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 5000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:
- A. Release the packer. Fill the tubing with 9.5-pound per gallon sodium chloride water.
  - B. Pump 58 barrels (2436 gallons) acid mixture down tubing to spot the acid. Reset the packer. Pump the remaining acid down tubing at 2 barrels per minute. Displace acid with 57 barrels sodium chloride water at 2 barrels per minute. Do not exceed a surface pressure of 4000 psi.
  - C. Run a short production test. The shut in periods will be determined at the time the test is run.
8. Release the packer. Lower tubing and release the bridge plug. Reset bridge plug at 9800 feet. Pull the test tools. Fill wellbore with sodium chloride water.
9. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

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9663 feet to 9670 feet  
9646 feet to 9654 feet  
9630 feet to 9635 feet  
9598 feet to 9602 feet  
9538 feet to 9552 feet  
9521 feet to 9529 feet  
9504 feet to 9514 feet  
9448 feet to 9482 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressures.

10. Install a stripper head. Run two recorders and a HRVT packer dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 9400 feet KBM. Run short production test.
11. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:  
Do not exceed a surface pressure of 4000 psi.
  - A. Pump 2000 gallons acid mixture.
  - B. Pump 125 gallons gelled salt water mixed with 250 pounds TLC-80.  
Note: The salt water will be gelled with WG6.
  - C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Step A only.
  - G. Displace acid with 5<sup>4</sup> barrels sodium chloride water. Run a short production test. The shut-in periods will be determined at the time the test is run.
12. Release the packer. Pull and lay down test tools. Pick up a bridge plug retrieving tool. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Retrieve the 5-inch bridge plug at 9800 feet. Pull bridge plug and lay down same. Pick up Howco bridge plug dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D. tubing and set at 9100 feet. Pull tubing out of hole.

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13. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8950 feet to 8960 feet  
8930 feet to 8942 feet  
8894 feet to 8902 feet  
8865 feet to 8873 feet  
8844 feet to 8856 feet  
8782 feet to 8802 feet  
8754 feet to 8764 feet  
8620 feet to 8630 feet  
8579 feet to 8595 feet  
8556 feet to 8566 feet  
8524 feet to 8534 feet  
8493 feet to 8520 feet  
8478 feet to 8485 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressures.

14. Install a stripper head. Run a packer dressed for 7-inch O.D., 26-pound casing with recorders on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 8400 feet. Run short production test.
15. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 25,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid in 10 steps as follows: Do not exceed a surface pressure of 4000 psi.
- A. Pump 2500 gallons acid down tubing.
  - B. Pump 125 gallons gelled sodium chloride water mixed with 250 pounds TLC-80. Note: The sodium chloride water will be gelled with WG6.
  - C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Steps A and B.

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G. Repeat Steps A and B.

H. Repeat Steps A and B.

I. Repeat Steps A and B.

J. Repeat Steps A and B.

K. Repeat Step A only.

Displace acid with 49 barrels of sodium chloride water.

16. Release the packer. Lower tubing and release the bridge plug. Reset bridge plug at 8400 feet. Pull the test tools. Fill wellbore with sodium chloride water.
17. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8242 feet to 8247 feet

8211 feet to 8229 feet

8197 feet to 8206 feet

8184 feet to 8193 feet

8144 feet to 8160 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressures.

18. Install a stripper head. Run a packer dressed for 7-inch O.D., 26-pound casing with recorders on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 8100 feet. Run short production test.
19. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:  
Do not exceed a surface pressure of 4000 psi.
- A. Pump 2000 gallons acid mixture.
- B. Pump 125 gallons gelled salt water mixed with 250 pounds TLC-80.  
Note: The salt water will be gelled with WG6.

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- C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Step A only.
  - G. Displace acid with 47 barrels sodium chloride water. Run a short production test. The shut-in periods will be determined at the time the test is run.
20. Release the packer. Lower tubing and release the bridge plug. Reset bridge plug at 8100 feet. Pull the test tools. Fill wellbore with sodium chloride water.
21. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.
- 8065 feet to 8075 feet
  - 8042 feet to 8052 feet
  - 8022 feet to 8028 feet
  - 8000 feet to 8004 feet
  - 7994 feet to 7996 feet
  - 7972 feet to 7982 feet
- Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressures.
22. Install a stripper head. Run a packer dressed for 7-inch O.D., 26-pound casing with recorders on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 7900 feet. Run short production test.
23. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:  
Do not exceed a surface pressure of 4000 psi.
- A. Pump 2000 gallons acid mixture.
  - B. Pump 125 gallons gelled salt water mixed with 250 pounds TLC-80.  
Note: The salt water will be gelled with WG6.

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- C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Step A only.
  - G. Displace acid with 46 barrels sodium chloride water. Run a short production test. The shut-in periods will be determined at the time the test is run.
24. Dependent upon the evaluation of the tests of the above zones, it may be unnecessary to perforate the zone from 7494 feet to 7585 feet. However, if it is decided to test this zone, procede to Item 25.
25. Release the packer. Pull and lay down test tools. Pick up a bridge plug retrieving tool. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Retrieve the 7-inch bridge plug at 8100 feet. Pull bridge plug and lay down same.
26. Pick up a Howco bridge plug dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set bridge plug at 7850 feet and test bridge plug to 2500 psi. Displace the sodium chloride water with 9.5-pound per gallon drilling mud. Approximately 300 barrels will be required. Pull tubing.
27. Rig up Dresser Atlas lubricator. Using dump bailer, dump 3 sacks (3 cubic feet) of 20-40 mesh sand on top of the bridge plug. This amount of sand will fill 14 feet above bridge plug. Perforate four holes at 7585 feet with NCF II jet shots.
28. Open the 13-3/8-inch by 7-inch casing annulus. Close blind rams. Rig up a Halliburton pump truck to both casing wing valves. Establish circulation by pumping down the 7-inch casing. Circulate a minimum of 800 barrels prior to cementing. Cement with 486 sacks 50-50 Pozmix treated with 2% gel, 10%

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salt, and 1-1/4% CFR 2. Open blind rams and wash out preventers. Install top plug. (Note: No bottom plug will be used). Displace cement with 298 barrels mud. A 50 foot cement plug should be left in the casing. Allow cement to set for 40 hours.

29. Pick up a 6-1/4-inch bit and a Baker roto-vert casing scraper dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Drill out cement and clean out to the top of the bridge plug at 7850 feet KBM. Displace drilling mud in wellbore with sodium chloride water. Pull casing scraper and bit and lay down same.
30. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

7572 feet to 7585 feet  
7510 feet to 7540 feet  
7474 feet to 7491 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressure.

31. Install a stripper head. Run two recorders and a packer dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 7400 feet KBM. Run short production test.
32. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows: Do not exceed a surface pressure of 4000 psi.
- A. Pump 2000 gallons acid mixture.
- B. Pump 125 gallons gelled salt water mixed with 250 pounds TLC-80.  
Note: The salt water will be gelled with WG6.

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- C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Step A only.
  - G. Displace acid with 43 barrels sodium chloride water. Run a short production test. The shut-in periods will be determined at the time the test is run.
33. Release the packer. Lower tubing and retrieve the bridge plug at 7850 feet KBM. Release the bridge plug. Pull the tubing and lay down the bridge plug and test tool.
34. Install Cameron DCB 6-inch Series 900 by 6-inch Series 900 tubing spool. Pick up 2-7/8-inch O.D., 8 round thread, EUE combination closing tool and tubing shoe and a Kobe parallel string standard bottom hole assembly and run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing to approximately the lowest set of producing perforations. Land with a Cameron Type DCB tubing hanger tapped with 2-7/8-inch seal lock on bottom and 2-7/8-inch CF Hydril thread on top. Pick up a Kobe seal assembly and a 1.66-inch O.D., 2.4-pound, 10 round thread, J-55 pup joint and run on 2-3/8-inch O.D., 4.7-pound, N-80, seal lock tubing string. Land in the Kobe parallel bottom hole assembly in 12,000 pounds compression using a Cameron DCB dual string hanger tapped for 2-3/8-inch seal lock tubing thread. Install seal flange tapped 2-7/8-inch, 8 round, EUE and 2-3/8-inch, 8 round, EUE thread. Install top part of tree.

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

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1120

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCT 1970, 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 Chief Accountant

SEC. AND ¼ OF ¼	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 NE 19	3S	6W	3							Shut In

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;  
No runs or sales of gasoline 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 on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME Cedar Rim
2. NAME OF OPERATOR Mountain Fuel Supply Company		8. FARM OR LEASE NAME Cedar Rim
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		9. WELL NO. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL, 1980' FEL SW NE		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. -	15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6304.05' GR 6286'	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SW NE 19-3S-6W., U.S.M.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

TD 11,511', testing.

Perforated from 10,900' to 10,946' KBM with 2 holes per foot, set bridge plug at 11,032', packer at 10,878', made 34 swab runs recovering 326 barrels of water. (Had communication between perforations 10,900' to 11,368' gross.)

Released packer and retrieved bridge plug; perforated from 10,590' to 10,650' with 2 holes per foot, set bridge plug at 10,834', packer at 10,556', made 15 swab runs recovering 166 barrels of water.

**CONFIDENTIAL**

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

SIGNED B. W. Croft TITLE Vice President, Gas Supply Operations DATE Sept. 22, 1970

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS MANNER\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1421.

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH  
Duchesne

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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

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

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

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

TD 11,511', PBD 10,034', producing.  
Made a total of 48 swab runs recovering 195 barrels acid water, attempted to pull retrievable bridge plug, could not, cut tubing at 10,420', fished, left test tools in hole, set cast iron bridge plug at 10,415', perforated the following intervals with 2 NCF jet shots per foot:

10,041 - 10,049	10,156 - 10,158	10,222 - 10,232	10,300 - 10,304
10,078 - 10,086	10,166 - 10,172	10,238 - 10,240	10,306 - 10,310
10,091 - 10,099	10,178 - 10,181	10,244 - 10,254	10,334 - 10,338
10,110 - 10,113	10,208 - 10,214	10,262 - 10,266	10,348 - 10,352
10,121 - 10,125	10,216 - 10,218	10,270 - 10,290	10,366 - 10,374
10,150 - 10,152			

Set bridge plug at 10,393' KBM, made 25 swab runs recovering 343 barrels water, pulled bridge plug, reset at 10,393', made 4 swab runs, no recovery, acidized perforations 10,041' to 10,374' with 10,000 gallons 15% HCL, made 37 swab runs recovering 202 barrels water, set cast iron bridge plug at 10,034', perforated with 2 holes per foot: 9856-9866', 9882-9886' and 9912-9932', acidized with 5000 gallons 15% HCL, flowed 24 hours making 1204 barrels of oil and 404 Mcf of gas, killed well, landed 2-7/8" tubing at 9559.66' KBM and 2-3/8" tubing at 9531.98' KBM, flowed 3 1/2 hours, shut in, hooked up production facilities.  
IP 2280 barrels of oil, 757 Mcf of gas, TP 385, CP 175, choke 29/64", 24 hours.

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

SIGNED B. J. Crofton TITLE Vice President, Gas Supply Operations DATE Dec. 14, 1970

(This space for Federal or State office use)

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

22

Perforation record and acidizing

11,348-11,368', jet, 2 holes per foot

10,900-19,946', jet, 2 holes per foot

10,590-10,650', jet, 2 holes per foot, acidize w/500 gals. 15% HCL - sqzd w/200 sz

10,590-10,650', jet, 2 holes per foot (reperforated), acid 2000 gals 15% HCL

10,041-10,049	10,166-10,172	10,262-10,266	} all jet, 2 holes per foot, acidized with 10,000 gallons 15% HCL
10,078-10,086	10,178-10,181	10,270-10,290	
10,091-10,099	10,208-10,214	10,300-10,304	
10,110-10,113	10,216-10,218	10,306-10,310	
10,121-10,125	10,222-10,232	10,334-10,338	
10,150-10,152	10,238-10,240	10,348-10,352	
10,156-10,158	10,244-10,254	10,366-10,374	

9856-9866, jet, 2 holes per foot	} acidize with 5000 gallons 15% HCL
9882-9886, jet, 2 holes per foot	
9912-9932, jet, 2 holes per foot	

# INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO S. J. Fisher

DATE September 22, 1970

SUBJECT Revised Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

Attached for your information and files is a revised tentative plan to complete the above-captioned well.

The plan was reviewed September 21, 1970, by Messrs. S. J. Fisher, D. E. Dallas, and R. G. Myers, and any necessary changes have been incorporated in this final plan.

RGM/gm

Attachment

cc: J. T. Simon  
B. W. Croft  
L. A. Hale (6)  
S. J. Fisher  
J. E. Adney  
Geology (2)  
D. E. Dallas (4)  
C. F. Rosene  
T. D. Graham  
U.S.G.S.  
State   
A. A. Pentila  
P. E. Files (4)

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

September 17, 1970

Revised Tentative Plan to Complete  
Cedar Rim Well No. 3  
Duchesne County, Utah

The subject well was drilled to a depth of 9738 feet and 7-inch O.D. casing set at 9717.99 feet KBM. Drilling operations continued to a total depth of 11,511 feet and a 5-inch O.D. liner was set from 9580.11 feet to 11,505.87 feet.

During the drilling operation, six zones of interest were encountered. Since there were no open hole drill stem tests run, these zones will be tested through casing perforations.

A workover rig was rigged up and a Dresser Atlas perforation formation control cement bond log was run. The cement bond log indicated the cement behind the 5-inch O.D. liner is at 9940 feet and the cement behind the 7-inch O.D. casing is at 7680 feet.

The zone 11,348 feet to 11,368 feet was perforated with two NCF II jet shots per foot. A test of the zone recovered 239 barrels water.

The following is a tentative plan to evaluate the remaining five zones.

NOTE: Zero is 16.15 feet above the 6-inch Series 1500 tubing spool.

1. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following interval with two NCF II jet shots per foot.

10,900 feet to 10,946 feet

Measurements are from the Dresser Atlas perforation control acoustic cement bond log dated 9/8/70. Record surface pressure.

2. Install a stripper head. Run a Johnston Bobcat retrievable bridge plug dressed for 5-inch O.D. casing with a 200S recorder, positrieve packer, two recorders and a multi-ball valve on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at approximately 10,975 feet and the packer at 10,870 feet KBM. Run short production test. Be prepared to swab.

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3. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Pump 2000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon acid. Displace with 63 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run a short production test. Shut in periods will be determined at the time the test is being run.
4. Release the positrieve packer. Lower the tubing and retrieve the Bobcat bridge plug. Pull the Johnston bridge plug and test tools.
5. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following interval with two NCF II jet shots per foot.

10,590 feet to 10,650 feet

Measurements are from the Dresser Atlas perforation formation control cement bond log dated 9/8/70. Record surface pressure.

6. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 5-inch O.D. casing with a 200S recorder and 7 day clock; 3 joints 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing; a positrieve packer dressed for 5-inch O.D., 18-pound casing; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 10,680 feet. Set the packer at 10,570 feet. Run a short production test. If productive proceed to Item 7, if non-productive proceed to Item 8.
7. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Release packer and spot acid across casing perforations. Reset packer and pump a total of 2000 gallons of 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon acid. Displace the acid with

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61 barrels sodium chloride water. Do not exceed a surface pressure of 4000 psi. Run a short production test. Shut-in periods will be determined at the time the test is being run.

8. Release the positrieve packer. Lower tubing and retrieve the Bobcat bridge plug. Assuming the well is dead, pull the Bobcat bridge plug and Johnston test tools. The bridge plug will be pulled to change the charts and check for communication between zones. Assume perforations are non-productive, set Baker Model N bridge plug at 10,550 feet KBM.
9. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up a Dresser Atlas lubricator. Perforate the following intervals with two NCF II jet shots per foot.

10,366 feet to 10,374 feet  
10,348 feet to 10,352 feet  
10,334 feet to 10,338 feet  
10,306 feet to 10,310 feet  
10,300 feet to 10,304 feet  
10,270 feet to 10,290 feet  
10,262 feet to 10,266 feet  
10,244 feet to 10,254 feet  
10,238 feet to 10,240 feet  
10,222 feet to 10,232 feet  
10,216 feet to 10,218 feet  
10,208 feet to 10,214 feet  
10,178 feet to 10,181 feet  
10,166 feet to 10,172 feet  
10,156 feet to 10,158 feet  
10,150 feet to 10,152 feet  
10,121 feet to 10,125 feet  
10,110 feet to 10,113 feet  
10,091 feet to 10,099 feet  
10,078 feet to 10,086 feet  
10,041 feet to 10,049 feet

Measurements are from the Dresser Atlas perforation formation control cement bond log dated 9/8/70. Record surface pressure.

10. Install a stripper head. Run a Johnston Bobcat bridge plug dressed for 5-inch O.D. casing with a 200S recorder and 7 day clock; 360 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing; a positrieve packer dressed for 5-inch

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O.D., 18-pound casing; two recorders and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 10,390 feet KBM. Set the positrieve packer at 10,020 feet KBM. Run a short production test. Be prepared to swab.

11. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:
  - A. Open the multi-ball valve. Release the packer. Fill the tubing with 9.5-pound per gallon sodium chloride water.
  - B. Pump 63.5 barrels (2667 gallons) acid mixture down tubing to spot the acid. Reset the packer. Pump the remaining acid down tubing at 2 barrels per minute. Displace acid with 60 barrels sodium chloride water at 2 barrels per minute. Do not exceed a surface pressure of 4000 psi.
  - C. Run a short production test. The shut in periods will be determined at the time the test is run.
12. Release the packer. Lower tubing and release the bridge plug. Reset bridge plug at 10,025 feet. Pull the test tools. Fill wellbore with sodium chloride water.
13. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

10,004 feet to 10,012 feet  
9,995 feet to 9,997 feet  
9,969 feet to 9,973 feet  
9,954 feet to 9,958 feet  
9,942 feet to 9,944 feet  
9,912 feet to 9,932 feet  
9,882 feet to 9,886 feet  
9,856 feet to 9,866 feet  
9,678 feet to 9,680 feet  
9,663 feet to 9,670 feet  
9,646 feet to 9,654 feet  
9,630 feet to 9,635 feet

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9,602 feet to 9,612 feet  
9,594 feet to 9,598 feet  
9,572 feet to 9,574 feet  
9,560 feet to 9,562 feet  
9,538 feet to 9,552 feet  
9,521 feet to 9,529 feet  
9,504 feet to 9,514 feet  
9,448 feet to 9,482 feet  
9,424 feet to 9,432 feet  
9,375 feet to 9,381 feet  
9,368 feet to 9,371 feet  
9,356 feet to 9,359 feet  
9,342 feet to 9,347 feet  
9,332 feet to 9,339 feet  
9,318 feet to 9,322 feet  
9,301 feet to 9,311 feet

Measurements are from the Dresser Atlas perforation control cement bond log dated 9/8/70. Record surface pressure.

14. Install a stripper head. Run two recorders on an outside carrier; a positrieve packer dressed for 7-inch O.D., 26-pound casing and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the packer at 9260 feet KBM. Run short production test.
15. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:  
Do not exceed a surface pressure of 4000 psi.
  - A. Pump 2000 gallons acid mixture.
  - B. Pump 125 gallons gelled salt water mixed with 250 pounds TLC-80.  
Note: The salt water will be gelled with WG6.
  - C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Step A only.
  - G. Displace acid with 60 barrels sodium chloride water. Run a short production test. The shut-in periods will be determined at the time the test is run.

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16. Release the packer. Pull and lay down test tools. Pick up a bridge plug retrieving tool. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Retrieve the 5-inch bridge plug at 10,025 feet. Pull bridge plug and lay down same.
17. Pick up a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Test bridge plug to 2500 psi. Displace the sodium chloride water with 9.5-pound per gallon drilling mud. Approximately 300 barrels will be required. Pull tubing.
18. Rig up Dresser Atlas lubricator. Using dump bailer, dump 3 sacks (3 cubic feet) of 20-40 mesh sand on top of the bridge plug. This amount of sand will fill 14 feet above bridge plug. Perforate four holes at 7640 feet with NCF II jet shots.
19. Open the 13-3/8-inch by 7-inch casing annulus. Close blind rams. Rig up a Halliburton pump truck to both casing wing valves. Establish circulation by pumping down the 7-inch casing. Circulate a minimum of 800 barrels prior to cementing. Cement with 486 sacks 50-50 Pozmix treated with 2% gel, 10% salt, and 1-1/4% CFR 2. Open blind rams and wash out preventers. Install top plug. (Note: No bottom plug will be used). Displace cement with 298 barrels mud. A 50 foot cement plug should be left in the casing. Allow cement to set for 40 hours.
20. Pick up a 6-1/4-inch bit and a Baker roto-vert casing scraper dressed for 7-inch O.D., 26-pound casing. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Drill out cement and clean out to the top of the bridge plug at 9100 feet KBM. Displace drilling mud in wellbore with sodium chloride water. Pull casing scraper and bit and lay down same.

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21. Install a 6-inch Series 1500 companion flange tapped for 7-inch O.D., 8 round thread casing. Run a cement bond log from 7640 feet to the top of the cement behind the 7-inch casing at approximately 6000 feet. Rig up Dresser Atlas lubricator and perforate the following intervals with two NCF II jet shots per foot.

8,455 feet to 8,461 feet  
8,478 feet to 8,485 feet  
8,493 feet to 8,520 feet  
8,524 feet to 8,534 feet  
8,540 feet to 8,546 feet  
8,556 feet to 8,566 feet  
8,571 feet to 8,574 feet  
8,579 feet to 8,595 feet  
8,620 feet to 8,630 feet  
8,644 feet to 8,654 feet  
8,682 feet to 8,692 feet  
8,704 feet to 8,712 feet  
8,742 feet to 8,749 feet  
8,754 feet to 8,764 feet  
8,782 feet to 8,802 feet  
8,844 feet to 8,856 feet  
8,865 feet to 8,873 feet  
8,894 feet to 8,902 feet  
8,908 feet to 8,912 feet  
8,930 feet to 8,942 feet  
8,950 feet to 8,960 feet  
8,966 feet to 8,976 feet  
8,242 feet to 8,247 feet  
8,211 feet to 8,229 feet  
8,197 feet to 8,206 feet  
8,184 feet to 8,193 feet  
8,170 feet to 8,176 feet  
8,144 feet to 8,160 feet  
8,065 feet to 8,075 feet  
8,042 feet to 8,052 feet  
8,030 feet to 8,032 feet  
8,022 feet to 8,028 feet  
8,000 feet to 8,004 feet  
7,994 feet to 7,996 feet  
7,972 feet to 7,982 feet  
7,590 feet to 7,594 feet  
7,572 feet to 7,585 feet  
7,562 feet to 7,564 feet  
7,552 feet to 7,556 feet  
7,510 feet to 7,540 feet  
7,489 feet to 7,492 feet  
7,474 feet to 7,491 feet

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Measurements are from the Dresser Atlas perforation formation control cement bond log dated 9/8/70.

22. Install a stripper head. Run a bridge plug retrieving tool; two recorders on an outside carrier; a positrieve packer dressed for 7-inch O.D., 26-pound casing and a multi-ball valve. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set packer at 8400 feet KBM. Run a short production test.
23. Items No. 23 to the testing in Item No. 26 should be started one morning and completed that day. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 25,000 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid in 10 steps as follows: Do not exceed a surface pressure of 4000 psi.
  - A. Pump 2500 gallons acid down tubing.
  - B. Pump 125 gallons gelled sodium chloride water mixed with 250 pounds TLC-80. Note: The sodium chloride water will be gelled with WG6.
  - C. Repeat Steps A and B.
  - D. Repeat Steps A and B.
  - E. Repeat Steps A and B.
  - F. Repeat Steps A and B.
  - G. Repeat Steps A and B.
  - H. Repeat Steps A and B.
  - I. Repeat Steps A and B.
  - J. Repeat Steps A and B.
  - K. Repeat Step A only.Displace acid with 49 barrels of sodium chloride water.
24. Release the positrieve packer and lower tubing. Release the bridge plug. Reset the bridge plug at 8300 feet KBM. Reset the packer at 7950 feet.

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25. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 17,500 gallons 15% hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon acid as follows:  
Do not exceed a surface pressure of 4000 psi.

- A. Pump 2500 gallons acid mixture.
- B. Pump 125 gallons gelled sodium chloride water mixed with 250 pounds TLC-80. Note: The sodium chloride water will be gelled with WG6.
- C. Repeat Steps A and B.
- D. Repeat Steps A and B.
- E. Repeat Steps A and B.
- F. Repeat Steps A and B.
- G. Repeat Steps A and B.
- H. Repeat Step A only.

Displace acid with 43 barrels sodium chloride water.

26. Release packer. Lower tubing and retrieve the bridge plug. Reset the bridge plug at 9100 feet KBM. Pull packer and reset at 7450 feet. Run short production test. The shut-in periods will be determined at the time the test is run.
27. Release the packer. Lower tubing and retrieve the bridge plug at 9100 feet KBM. Release the bridge plug. Pull the tubing and lay down the bridge plug and test tool.
28. Install 4-1/2-inch pipe rams in the preventer. Run a 2-7/8-inch shop made combination closing tool and tubing shoe; a Baker Model C tubing anchor dressed for 7-inch O.D., 26-pound casing; and a 2-7/8-inch O.D. 8 round thread by 4-1/2-inch O.D. 8 round thread swage nipple. Run on 4-1/2-inch O.D., 11.6-pound, N-80, 8 round thread, LT&C casing. Set the anchor at approximately 9560 feet. Land the 4-1/2-inch O.D. casing on a NSCo. Type H-1 tubing hanger in the neutral position.

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29. Remove the preventer. Run a Baker lok-set packer dressed for 4-1/2-inch O.D., 11.6-pound casing and an Oilmaster No. 219-051 bottom hole assembly. Run on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. The top 3500 feet will be coated internally with HPC-500 epoxy coating. Set the packer at 9540 feet KBM. Strip on a 6-inch Series 900 by 6-inch Series 900 Cameron Type E tubing spool. Land the tubing on a Cameron 6-inch Series 900 bonnet tapped for 2-7/8-inch O.D. seal lock tubing in 5000 pounds tension. Install a WKM 2-1/2-inch Figure 3000NH master valve.
30. Using rig pump, fill the tubing and 4-1/2-inch O.D. casing with sodium chloride water. Approximately 140 barrels will be required. Pump the plug out of the 4-1/2-inch O.D. casing.
31. Rig up swab. Swab well in. Run production test. Release the workover rig.

Material Required

- I. 2-7/8-inch O.D. tubing
- 11,500 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing - to be purchased.
  - 93 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing - transfer from Sink Draw Well No. 1.
  - 3500 feet 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing coated internally with HPC-500 epoxy coating - Rock Springs yard.
- II. 4-1/2-inch O.D. casing
- 290 feet 4-1/2-inch O.D., 11.6-pound, 8 round thread, LT&C casing - transfer from Sink Draw Well No. 1.
  - 9500 feet 4-1/2-inch O.D., 11.6-pound, 8 round thread, LT&C casing - to be purchased.
- III. Material
- a. 2-7/8-inch O.D., 8 round thread, EUE, shop made closing tool - Rock Springs Machine Shop.
  - b. 2-7/8-inch O.D., 8 round thread, EUE by 4-1/2-inch, 8 round thread swage nipple - National Supply.

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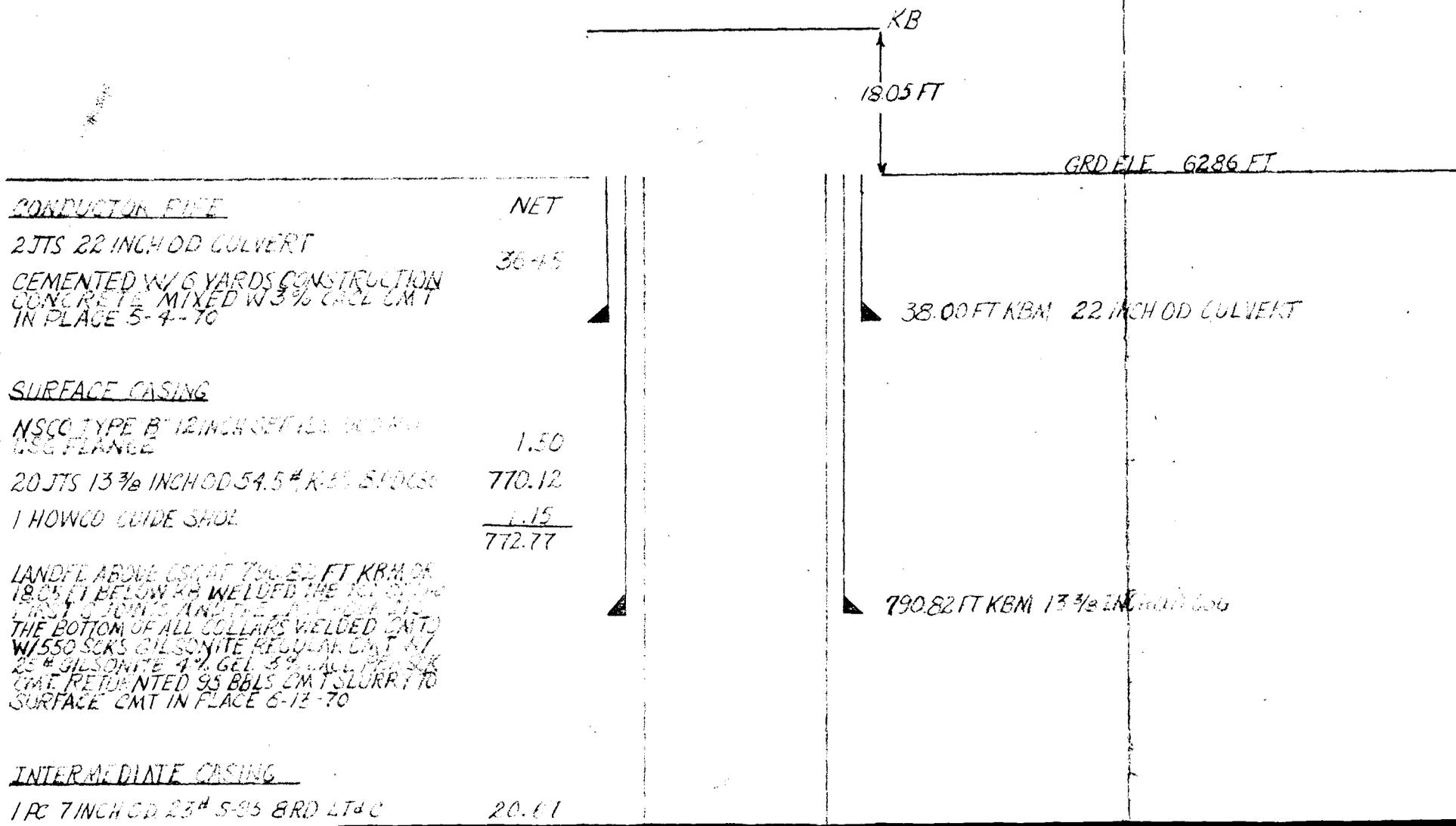
-11-

- c. 6-inch Series 900 companion flange with 2-7/8-inch O.D., 8 round thread pin and tapped on bottom for 2-7/8-inch seal lock tubing - Cameron.
- d. Cameron 6-inch Series 900 by 6-inch Series 900 tubing spool.
- e. Two WKM 2-1/2-inch Figure R3000NH valves - National Supply.
- f. Two 2-7/8-inch O.D., 8 round thread, EUE tubing nipples, 8-inches long - National Supply.
- g. H-1 tubing hanger tapped for 4-1/2-inch O.D., 8 round thread, LT&C casing - National Supply.
- h. One 3000 psi working pressure 2-7/8-inch by 2-7/8-inch by 2-inch pumping tee - National Supply.
- i. Baker lok-set packer dressed for 4-1/2-inch O.D., 11.6-pound casing - Baker in Vernal, Utah.
- j. Baker Model C tubing anchor dressed for 7-inch O.D., 26-pound casing - Baker in Vernal, Utah.
- k. Oilmaster No. 219-052 bottom hole assembly - National Supply in Vernal, Utah.
- l. WKM 2-inch Figure R3000NH valve - National Supply.

PRESENT STATUS DRAWING  
 CEDAR RIM WELL NO 3  
 SWNE SEC 19 T 35 R 6 W  
 CEDAR RIM FIELD  
 DUCHESNE COUNTY UTAH

SCHEMATIC - NOT TO SCALE

8-20-70 PJR



166 JTS 7 INCH OD 26" S-95 BRD LT+C	7075.74
62 JTS 7 INCH OD 26" S-95 BRD LT+C	2562.67
BAKER DIFF COLLAR TYPE 'S'	1.80
1 JT 7 INCH OD 26" S-95 BRD LT+C	36.71
BAKER DIFF SHOE TYPE 'G'	2.35
	<u>9699.97</u>

LANDED ABOVE CSC AT 9717.99 FT KBM IN A  
 1800 FT KBM IN A NEW LINE SERIES  
 300 CSC FLANGE SPOT WELDED SHOE  
 COLLAR AND TOP AND BOTTOM OF COLLAR  
 ON 6 JTS CSC CMTD C/W 90 SCK 50-50  
 FOZ MIX CMT MIXED W/ 2% GEL 10% SALT  
 17 1/2 CFR 2. GOOD RETURNS WHILE MIXING  
 AND DISPLACING CMT. BUMPED PLUG TO 3500  
 PSI CSC WEIGHT ON END OF 135,000  
 CMT IN PLACE 7-27-70. INSTALLED A 6 INCH  
 SERIES 1500 BY 12 INCH SERIES 900 TFC  
 SPOOL SEAL TESTED TO 2750 PSI HELD  
 GOOD.

LINER CASING

BURNS LEAD SEAL LINER HANGER	3.69
46 JTS 5 INCH OD 18" N-80 TX LINE	1919.29
1 BAKER REG FLOAT COLLAR	1.46
1 JT 5 INCH OD 18" N-80 TX LINE	41.82
1 BAKER REG FLOAT COLLAR	1.50
	<u>1927.76</u>

TAGGED BOTTOM AT 11507.87 FT KBM  
 SET BOTTOM OF LINER AT 11505.87 FT KBM  
 TOP OF LINER HANGER AT 9580.11 FT KBM  
 CMTD W/ 176 SCKS 50-50 FOZ MIX MIXED W/  
 2% GEL 18% SALT 17 1/2 CFR 2 BUMPED  
 PLUG TO 2500 PSI REVERSE CIRC 140 BBL  
 MID (70 BRLS REG.) NO CMT SLURRY R/L  
 TO SURFACE. WEIGHT OF LINER 250,000  
 GOOD RETURNS DURING ENTIRE OPERATIONS  
 CMT IN PLACE 8-20-70

9580.11 FT KBM TOP OF 5 INCH OD LINER. SET WITH  
 BURNS LEAD SEAL LINER HANGER

9717.99 FT KBM 7 INCH OD CSC

11505.87 FT KBM 5 INCH OD LINER

11511.00 FT KBM TD

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

SUBMIT IN DUPLICATE\*  
(See other In-  
structions on  
reverse side)

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

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

**1a. TYPE OF WELL:** OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
**b. TYPE OF COMPLETION:** NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

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

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

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\***  
 At surface 1980° FNL, 1980° FEL SW NE  
 At top prod. interval reported below  
 At total depth

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

**15. DATE SPUNDED** 6-3-70 **16. DATE T.D. REACHED** 8-17-70 **17. DATE COMPL. (Ready to prod.)** 11-18-70  
**18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*** KB 6304.05' GR 6286 **19. ELEV. CASINGHEAD** -

**20. TOTAL DEPTH, MD & TVD** 11,511 **21. PLUG, BACK T.D., MD & TVD** 10,034 **22. IF MULTIPLE COMPL., HOW MANY\*** \_\_\_\_\_ **23. INTERVALS DRILLED BY** 10-11,511  
 ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS -

**24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\***  
9856-9866', 9882-9886', 9912-9932' - Wasatch  
**25. WAS DIRECTIONAL SURVEY MADE** No

**26. TYPE ELECTRIC AND OTHER LOGS RUN** Borehole Compensated Sonic GR, Shear Amplitude Sidewall Neutron Porosity, Dual Induction Laterolog, Var. Density Compr. **27. WAS WELL CORED** Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
22	culvert	38	26	6 yds. construction	0
13-3/8	54.5	790.82	17½	650	0
7	23 & 26	9717.99	8-3/4	900	0

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	9580.11	11,505.87	176	

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	9559.86	
2-3/8	9531.98	

**31. PERFORATION RECORD (Interval, size and number)**  
See attached sheet

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See attached sheet	

**33.\* PRODUCTION**

**DATE FIRST PRODUCTION** 11-18-70 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing **WELL STATUS (Producing or shut-in)** Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/17-18/70	24	29/64	→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
385	175	→	2280	757	0	

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

**35. LIST OF ATTACHMENTS**  
Logs as above, Well Completion & Well Lithology will be sent at a later date.

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records**

Vice President,  
 SIGNED B. W. Crofters TITLE Gas Supply Operations DATE Dec. 16, 1970

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

COMPLETION REPORT

Well: Cedar Rim #3 Date: January 11, 1971  
Area: Cedar Rim Lease No: Ute Tribal 14-20-462-1120

New Field Wildcat  Development Well  Shallower Pool Test  
 New Pool Wildcat  Extension  Deeper Pool Test

Location: 1980 feet from north line, 1980 feet from east line  
SW  $\frac{1}{4}$  NE  $\frac{1}{4}$

Section 19, Township 3 S., Range 6 W.

County: Duchesne State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 6304.05 Gr 6286 Total Depth: Driller 11,511' Log 11,507'

Drilling Commenced: June 3, 1970 Drilling Completed: August 18, 1970

Rig Released: August 21, 1970 Well Completed: November 10, 1970

Sample Tops: (unadjusted)

Wasatch 7487'

Log Tops:

Wasatch 7470'

Sample Cuttings: 10' Wet Beneath Surface to 6100', Roughneck caught, not lagged  
10' Wet 6100'-11,511') Lagged and caught by  
10' Dry 6100'-11,511') Dolco Geo Engineering

Status: Oil Well

Producing Formation: Wasatch

Perforations: 9856'-9866' with 2 hole/ft; 9882'-9886' with 2 hole/ft; 9912'-9932' with  
See Remarks 2 hole/ft.

Stimulation: 5000 gal. of 15% HCl containing 0.003 gal. 5N, 0.002 gal. LP-55 and  
0.001 gal. inhibitor per gal. acid

Production: IP 2280 barrels oil, 757 MCFGPD

Plug Back Depth: 10,034'

Plugs: Cast Iron Bridge Plugs Located at 10,415' and 10,034'

Hole Size: 17-1/2" from surface to 800', 8-3/4" from 800' to 9716',  
6-1/4" from 9716' to 11,511'

Casing/Tubing: 13-3/8" OD from surface to 790.82'; 7" OD to 9719.99'  
5" OD Liner from 9580.11' to 11,505.87'

Logging - Mud: Dolco Geo Engineering 6100' to TD

Mechanical: DIL, BHC-GR, VDL, Amp-C, Amp-S, SNP-GR

Contractor: Loffland Brothers

Completion Report Prepared by: J. Golden

Remarks: Perforations below cast iron bridge plug located at 10,034' all with  
2 hole/ft.

10,041'-10,049'	10,166'-10,172'	10,262'-10,266'
10,078'-10,086'	10,178'-10,181'	10,270'-10,290'
10,091'-10,099'	10,208'-10,214'	10,300'-10,304'
10,110'-10,113'	10,216'-10,218'	10,306'-10,310'
10,121'-12,125'	10,222'-10,232'	10,334'-10,338'
10,150'-10,152'	10,238'-10,240'	10,348'-10,352'
10,156'-10,158'	10,244'-10,254'	10,366'-10,374'

Perforations below cast iron bridge plug located at 10,415', all with 2 hole/ft.

10,590'-10,650'  
10,900'-10,946'  
11,348'-11,368'

CONFIDENTIAL

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COMPLETION REPORT (cont.)

Well: Cedar Rim #3

Area: Cedar Rim

Tabulation of PRODUCTION Drill Stem Tests:

No.	Interval	IHP	1st Flow (time)	1st SI (time)	2nd Flow (time)	2nd SI (time)	3rd Flow (time)	3rd SI (time)	FHP	Remarks
1	11,348-11,368	5314	87-5036 (17 hr)	5848 (14 hr 10 min)	5036 (8 hr 59 min)	5432 (13 hr 6 min)			5355	39 Swab runs; rec. 239 bbls. water, 0.19 res., 28,000 ppm Cl
2	10,900-10,946	4993	5121 (5 hr 52 min)	4866 (14 hr 43 min)	377 (9 hr 4 min)	4830 (15 hr 58 min)			5012	34 Swab runs; rec. 326 bbls. water, 0.128 res., 64,000 ppm Cl communication with FDST #1
3	10,590-10,650	4903	558	4703		4834				15 Swab runs, rec. 166 bbls. water, 0.085 res., 90,000 ppm Cl communication with FDST #1 & #2
4	10,590-10,650	5212	68		68				5212	Rec. 120' water, 0.07 res., 272,250 ppm Cl
5	10,590-10,650									48 Swab runs, rec. 194½ bbls. water, 0.046 res., 247,500 ppm Cl left fish in hole
6	10,041-10,374									25 Swab runs, rec. 343 bbls. water, packer did not hold
7	10,041-10,374 10,041-10,374	4983 5025	82 5193-3713		206 1531	329 864			5029	Acidized 37 Swab runs, rec. 202 bbls. water, 0.16 res., 40,000 ppm Cl, 16 BO
8	9856-9932	4941	1197-1498	4898	4729-3460	4898			4941	Flowed 1204 BO, began to rig up tubing

FIELD Cedar Rim 3 STATE Utah COUNTY Duchesne SEC. 19 T. 3 S. R. 6 W.

COMPANY Mountain Fuel Supply Co. FARM \_\_\_\_\_ WELL NO. 3

LOCATION C SW NE 1980' FEL, 1980' FNL ELEV. Gr 6286 KB 6304.05

DRILLING COMMENCED June 3, 1970 COMPLETED November 10, 1970

RIG RELEASED August 21, 1970 TOTAL DEPTH 11,511

CASING RECORD 13-3/8" OD to 790.82; 7" OD to 9717.99; 5" OD Liner  
from 9580.11 to 11,505.87

TUBING RECORD 2 strings 2-7/8" landed at 9559.86 and 9531.98

PERFORATIONS Producing from the following perforations: 9856-9866,  
9882-9886 and 9912-9932 All perforations are 2 hole/ft.

I. P. GAS 757 MCFGPD OIL 2280 BOPD

SANDS \_\_\_\_\_

SHUT-IN SURFACE PRESSURES Tubing - 600 psi, Casing - 625 psi

REMARKS Plug back depth 10,034

	<u>FROM</u>	<u>TO</u>
Shale, gray-black, hard, firm, very silty, slightly calcareous, some waxy, some bentonitic.	6500	6550
Shale, dark brown, black, dark gray, hard firm, silty, some laminated, carbonaceous and calcareous, pyrite.	6550	6600
Shale, dark gray, black, firm hard, silty, carbonaceous and calcareous; some limestone, tan, brown, very fine crystalline.	6600	6650
Shale, dark gray, black, silty, hard, firm, carbonaceous and calcareous, some waxy; some limestone, as above.	6650	6700
Shale, dark gray, black, green, waxy, firm, hard, silty, carbonaceous and calcareous, some dead oil stain; some limestone, tan, gray, very fine crystalline.	6700	6750
Shale, dark gray, black, firm, hard, silty, calcareous and carbonaceous; some limestone, tan, brown, gray, very fine crystalline.	6750	6805
Shale, dark gray, black, firm, hard, silty, calcareous and carbonaceous, pyrite.	6805	6850
Shale, gray, black, green, firm, hard, waxy, calcareous and carbonaceous, silty.	6850	6900
Shale, dark gray, black, green, firm, hard, calcareous and carbonaceous, silty; some limestone, tan, gray, very fine crystalline, pyrite.	6900	6950
Shale, dark gray, black, firm, hard, calcareous; some limestone, tan, brown, gray, very fine crystalline, dense.	6950	7000
Shale, dark gray, black, firm, hard, calcareous and carbonaceous; decrease limestone, as above.	7000	7050
Shale, dark gray, black, brown, very calcareous, very carbonaceous, free calcite fractured.	7050	7100
Shale, dark gray, black, brown, firm, hard, some waxy, silty, calcareous and carbonaceous.	7100	7150
Shale, dark gray, black, brown, firm, hard, some waxy, calcareous and carbonaceous, silty in part.	7150	7200

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FARM \_\_\_\_\_ WELL NO. 3

COMPANY Mountain Fuel Supply Company

	FROM	TO
No returns.	7210	7220
Lost 250 barrels mud 7180'-7218'. Very poor samples.	7220	7250
Shale, dark gray, black, firm, hard, very silty, calcareous and carbonaceous, waxy.	7250	7300
Shale, dark gray, black, light gray, soft, firm, hard, calcareous and carbonaceous, some waxy, pyrite.	7300	7350
Shale, dark gray, black, hard, firm, calcareous and carbonaceous, some waxy, silty; some limestone, tan, gray, very fine crystalline.	7350	7400
Shale, dark gray, black, dark brown, lignitic, calcareous, some waxy, some gummy, soft, firm.	7400	7450
Shale, dark gray, black, dark brown, lignitic, calcareous, hard, firm, some waxy.	7450	7470
Some dark gray shale, as above, with ostracod.	7470	7487
Wasatch Top. Limestone, tan, gray, medium crystalline with ostracod; sandstone, gray, white, fine-grained to medium-grained, poorly sorted, calcareous, hard and tight, some oil stain, sub-rounded, subangular.	7487	7500
Shale, light gray, light green, soft, firm, waxy, bentonitic; with sandstone, as above.	7500	7565
Shale, light gray, light green, firm, waxy, bentonitic; sandstone, gray, white, fine-grained to medium-grained, hard and tight, calcareous, sub-rounded, subangular some oil stain, poorly sorted.	7565	7650
Shale, light to dark gray, firm, hard, some waxy, calcareous and carbonaceous; sandstone, white, gray, very fine-grained to fine-grained, hard and tight, moderately sorted and rounded, calcareous, silty with reddish tint.	7650	7670
Shale, as above, becoming red and mottled with green shale, shale; sandstone, as above.	7670	7695
Shale, red, green, gray, firm, slightly calcareous, mottled, some anhydrite; sandstone, pink, white, gray, fine-grained to medium-grained, calcareous, moderately sorted and rounded, some very silty.	7695	7715
Shale, as above; with sandstone, as above, becoming pinkish.	7715	7730
Shale, red, green, gray, becoming silty, with some anhydrite, as above.	7730	7750
Shale, red, gray, green, very silty, sandy, firm, hard; sandstone, abundant with silty streaks, hard and tight.	7750	7770
Shale, as above, with some anhydrite; sandstone, as above, with some pinkish.	7770	7785
Shale, increasing and becoming silty in part.	7785	7805
Shale, red, green, gray, firm, hard, very silty, some waxy, some anhydrite; sandstone, white gray, fine-grained to medium-grained, hard and tight, calcareous; some limestone, gray, brown, very fine crystalline, with ostracod.	7805	7830
Shale, as above; with some sandstone, as above; with trace limestone, as above.	7830	7845
Shale, red, green, gray, soft, firm, sandy, silty, slightly calcareous; sandstone, white, gray, hard and tight, silty, some pyrite; trace limestone, gray, very fine crystalline, with ostracod.	7845	7865
Shale, as above, becoming less sandy; sandstone, as above becoming very argillaceous; trace limestone, as above.	7865	7890
Core No. 1. (Cut 20' recovered 19.5'. Shale, green, gray, hard, very calcareous, silty, sandy, with occasional limey streaks, vertical hairline fracture throughout, with occasional horizontal fracture, no oil show.)	7890	7910
No show.	7910	7920

	FROM	TO
Shale, variegated colored, calcareous, firm; trace sandstone, white, light gray, very fine-grained to fine-grained, calcareous, hard, tight.	7920	7940
Shale, as above; some sandstone, as above.	7940	7950
Shale, as above; trace sandstone, as above; trace limestone, light gray, firm to soft, pebbly.	7950	7960
Shale, as above; some sandstone, as above; trace limestone, as above.	7960	7990
Shale, as above; trace sandstone, as above; trace limestone, as above; well blew out, parofin oil to surface.	7990	8000
Shale, gray, green, waxy, bentonite, soft.	8000	8010
Shale, variegated colored, calcareous, bentonite, soft to firm, silty, silty; trace sandstone, as above.	8010	8020
Shale, as above; some sandstone, as above.	8020	8030
Shale, dark gray, black, calcareous, firm, bulky, siliceous; some limestone, tan, microcrystalline, dense, hard; trace sandstone, as above.	8030	8050
Shale, light gray, calcareous, firm, waxy to vitreous.	8050	8060
Shale, as above; some limestone, as above; trace sandstone, as above.	8060	8070
Shale, as above, some shale dark gray, black, as above; trace sandstone, as above.	8070	8090
Sandstone, white, light gray, fine-grained, calcareous, subangular, salt and pepper, micaceous; shale, as above.	8090	8100
Shale, as above; trace sandstone, as above; trace limestone, as above.	8100	8120
Shale, as above; some sandstone, as above; some limestone, as above.	8120	8130
Shale, as above; trace sandstone, as above; trace limestone, as above.	8130	8150
Shale, as above; some sandstone, as above; trace limestone, as above.	8150	8166
Core No. 2. (Cut 20' recovered 20'. Sandstone, light gray, white, very fine-grained, silty, calcareous, with vertical fracture.	8166	8168
Shale, light to medium gray, very calcareous, with some sandstone stringers and vertical fracture.	8168	8169.5
Shale, as above, with vertical and horizontal fractures, some filling with calcite.	8169.5	8170.5
Sandstone, light gray, white, very fine-grained, with vertical fracture.	8170.5	8172
Shale, light to medium gray, as above, vertical fracture.	8172	8173.5
Shale, as above, silty stringers and vertical fracture.	8173.5	8175
Shale, light to dark gray, finely laminated, some light laminae, horizontal fracture.	8175	8179
Shale, as above; with sandstone stringers, and horizontal fracture.	8179	8180.5
Sandstone, light gray, very fine-grained; with shale stringers, vertical and horizontal fractures.	8180.5	8183
Sandstone, as above; and shale, as above, interbedded in 6" beds.)	8183	8186
Shale, light to dark gray, firm, calcareous; trace sandstone, as above; and limestone, brown, fine crystalline, ostracod.	8186	8190
Shale, as above; some sandstone, as above; some limestone, as above; trace siltstone, light gray, calcareous, hard.	8190	8220
Core No. 3. (Cut 20' recovered 20'. Shale, medium gray, extremely fractured gas trapped in core barrel.	8220	8222.5
Sandstone, light gray, white, very fine-grained, calcareous, very hard, light, vertical fracture, filled with calcite.	8222.5	8225
Shale, light to dark gray, finely laminated.	8225	8227
Shale, dark to medium gray, vertical fracture.	8227	8229
Shale, as above; bleeding small amount of oil and gas.	8229	8230
Sandstone, light gray, white, very fine-grained, calcareous, quartzitic, very hard, tight, vertical fracture.	8230	8234
Sandstone, brown, gray, very fine-grained, very calcareous, almost a limestone, ostracod.	8234	8236
Sandstone, light gray, very fine-grained, silty, calcareous, very hard, tight; some shale stringers, vertical fracture.)	8236	8240

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FARM \_\_\_\_\_ WELL NO. 3

COMPANY Mountain Fuel Supply Company

	<u>FROM</u>	<u>TO</u>
Shale, green, gray, red, firm, waxy, silty, sandy, calcareous.	8240	8250
Sandstone, white, gray, fine-grained to medium-grained, moderately sorted and rounded.	8250	8265
Shale, red, green, gray, firm, silty, sandy, waxy, slightly calcareous; sandstone, white, gray, pinkish, silty, hard and tight.	8265	8280
Shale; and sandstone, as above; with trace limestone, gray, very fine crystalline.	8280	8295
Shale, gray, green, red, firm, sandy, silty, slightly calcareous, some waxy, some mottled; sandstone, white, gray, fine-grained to medium-grained, hard and tight.	8295	8315
Shale, as above, becoming more mottled and silty; sandstone, as above, becoming pinkish and silty.	8315	8340
Sandstone, white, gray, very fine-grained to fine-grained, clean, moderately rounded and sorted, very hard and tight, with some friable; shale, red, green, gray, mottled, firm, calcareous, silty, sandy; trace limestone, hard, very fine crystalline, and some argillaceous.	8340	8365
Shale, as above; with some increasing sandstone, as above; and trace limestone, as above.	8365	8380
Shale, red, green, gray, becoming soft, silty, sandy, calcareous; sandstone, as above.	8380	8400
Shale, green, gray, red, soft, firm, mottled, slightly calcareous, waxy, sandy, silty.	8400	8415
Shale; and sandstone, as above.	8415	8430
Shale, as above, becoming softer and siltier; sandstone, as above.	8430	8445
Shale, green, gray, decreasing red, firm, hard, sandy, silty, slightly calcareous; sandstone, white, gray, hard and tight, slightly calcareous, silty, moderately sorted and rounded, some clayey.	8445	8465
Shale, as above; sandstone, as above, becoming slightly coarser, some dead oil stain.	8465	8487
Core No. 4. (Cut 21' recovered 20'. Shale, light to dark gray, silty, sandy, highly carbonaceous, abundant fossils (ostracods, pelecypods, plant fragments) abundant horizontal and vertical fractures, some pyrite.	8487	8499
Sandstone, light gray, very fine-grained, very hard, calcareous, moderately sorted, vertical and horizontal fractures, some slightly silty, some dark, carbonaceous, mottled on fracture.	8499	8507
Shale, light gray, soft, firm, silty, highly fractured, fossil fragments.)	8507	8508
Very poor samples, not representative.	8508	8530
Shale, gray, silty, soft, firm, slightly calcareous; sandstone, gray, white, hard and tight, silty, calcareous, fine-grained.	8530	8550
Shale, as above, becoming carbonaceous in part; sandstone, as above, becoming slightly coarser and poorer sorted.	8550	8580
Shale, gray, green, with some red mottle, firm, calcareous, waxy, very silty; sandstone, as above, and increasing slightly.	8580	8605
Shale, mostly gray, green, firm, calcareous, silty, waxy; sandstone, white, gray, fine-grained to medium-grained, silty, hard and tight, calcareous.	8605	8630
Shale, gray, green, firm, hard, very silty, sandy; sandstone, as above, increasing slightly.	8630	8665
Sandstone, white, gray, fine-grained to medium-grained, calcareous, hard and tight, with some friable; shale, as above, but decreasing.	8665	8690
Sandstone, white, gray, hard and tight, calcareous, moderately sorted and rounded, clean; shale, as above; and trace limestone, very fine crystalline, dark gray.	8690	8710
Shale, gray, green, firm, hard, waxy, calcareous; sandstone, white, gray, very fine-grained to fine-grained, calcareous, hard and tight, well sorted, some friable.	8710	8730
Sandstone, as above; and increasing slightly; shale, as above.	8730	8760

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FARM \_\_\_\_\_ WELL NO. 3

COMPANY Mountain Fuel Supply Company

	FROM	TO
Sandstone, white, gray, very fine-grained to medium-grained, hard and tight, moderately sorted and rounded, calcareous, some friable; shale, gray, green, firm, calcareous.	8760	8780
Sandstone; and shale, as above, with some bentonitic.	8780	8800
Well blew out, mostly gas, some oil, weighted mud, lost circulation.	8800	8808
Very poor samples, not representative, very high gas readings.	8808	8900
Sandstone, white, gray, very fine-grained to fine-grained, silty in part, moderately rounded and sorted, trace porous; shale, gray, green, firm, waxy, calcareous, with some bentonite.	8900	8950
Sandstone, white, gray, very fine-grained to fine-grained, silty, hard and tight, moderately rounded, well sorted, some porous; shale, light to dark gray, green, firm, calcareous, some waxy; trace limestone, gray, hard, very fine crystalline.	8950	8995
Sandstone, white, light gray, very fine-grained to fine-grained, hard and tight, moderately rounded and sorted, some porous; shale, gray, green, firm, hard, calcareous; trace limestone, gray, hard, dense, very fine crystalline.	8995	9045
Shale, dark gray, black, hard, firm, calcareous; limestone, gray, very fine crystalline, hard and dense; sandstone, white, gray, with some salt and pepper, moderately rounded and sorted, calcareous, some clay fill, some dead oil stain.	9045	9070
Shale, as above; sandstone, as above, becoming more salt and pepper, and coarser.	9070	9095
Sandstone, white, gray, becoming salt and pepper, fine-grained to medium-grained, moderately to well sorted and moderately rounded, trace porous; shale, dark gray, black, pyritic; trace limestone, gray, very fine crystalline.	9095	9135
Shale, gray, green, black, firm, hard, calcareous, some carbonaceous; sandstone, white, gray, some salt and pepper, fine-grained to medium-grained, moderately sorted, calcareous; limestone, gray, very fine crystalline, hard and dense.	9135	9165
Shale, as above; sandstone, as above; limestone, as above.	9165	9190
Sandstone, white, light gray, fine-grained to medium-grained, hard and tight, poorly to moderately sorted, some salt and pepper; shale, gray, green, black, firm, hard, calcareous; limestone, gray, very fine crystalline, argillaceous in part.	9190	9215
Shale, as above; sandstone, as above; limestone, as above.	9215	9240
Sandstone, white, gray, some salt and pepper, hard and tight, moderately to well sorted, moderately rounded, calcareous; shale, gray, firm, hard, some carbonaceous, calcareous; some limestone, gray, very fine crystalline, hard and dense.	9240	9270
Sandstone; shale; and limestone, as above.	9270	9300
Sandstone, white, light gray, some salt and pepper, hard and tight, well sorted, moderately rounded, calcareous, some friable; shale, light to dark gray, firm, hard, calcareous; some limestone, gray, very fine crystalline, hard, dense.	9300	9320
Shale, as above; some siltstone, light gray, white, calcareous, hard; some sandstone, light gray to gray, green, fine-grained, calcareous, some black gas, firm to hard, tight; trace limestone, as above.	9320	9350
Shale, as above; siltstone, as above; trace sandstone, as above.	9350	9370
Shale, as above; siltstone, as above, trace sandstone, as above; trace limestone, as above.	9370	9450
Shale, as above; trace sandstone, as above; trace siltstone, as above.	9450	9470
Shale, as above; siltstone, as above; trace sandstone, as above; trace limestone, as above.	9470	9510
Shale, as above; trace sandstone, as above; trace siltstone, as above.	9510	9520
No sample.	9520	9540

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	<u>FROM</u>	<u>TO</u>
Sandstone, white, light gray, very fine-grained to fine-grained, calcareous, friable, lots of loose gas, good fluorescence, fair cut; shale, as above; some siltstone, as above.	9540	9550
No sample. Blowout 9550' & 9588'.	9550	9610
Samples very poor, terrible. No reliable description possible.	9610	9757
Fast drilling probably sandstone and siltstone, as above, slower drilling shale, as above, due to kicking.		
Shale, dark gray with some red, soft, firm, slightly calcareous, silty in part.	9757	9770
Sandstone, white, fine-grained, unconsolidated, subangular, sub-rounded, some frosted.	9770	9780
Shale, green, gray, soft, firm, slightly calcareous; some silty, some red silty.	9780	9795
Sandstone, white, very fine-grained to fine-grained, unconsolidated, subangular, sub-rounded, moderately sorted; with some sandstone, as above.	9795	9820
Shale, gray, green, with some red, waxy, silty, calcareous, firm; some sandstone, as above.	9820	9840
Shale and sandstone, as above.	9840	9855
Sandstone, white, very fine-grained to fine-grained, subangular, sub-rounded, well sorted, unconsolidated, frosted. Blowout 9864' oil on pits. Sandstone, as above; with abundant shale, gray, green, red, soft, firm, calcareous, silty, maybe cavings??	9855	9885
Sandstone, white, very fine-grained, unconsolidated, sub-rounded, well sorted, frosted; sandstone, as above; with shale.	9885	9900
Shale, gray, green, firm, calcareous, waxy; with some sandstone, as above.	9900	9915
Sandstone, white, very fine-grained, unconsolidated, subangular, well sorted, some frosted; with some black gas.	9915	9935
Shale, gray, green, waxy, firm; with sandstone, as above.	9935	9950
Oil still on pits from blowout at 9864'. Shale, green, gray, soft, firm, silty in part, some red mottle; sandstone, as above, very poor samples.	9950	9980
Sandstone, white, very fine-grained to fine-grained, unconsolidated, moderately rounded and sorted, some black gas, some frosted; some shale, as above.	9980	10010
Sandstone, white, yellow, with some black gas, unconsolidated, very fine-grained, subangular, sub-rounded, well sorted.	10010	10020
Shale, red, green, gray, soft, firm, waxy, silty; with some sandstone, as above.	10020	10040
Shale, and sandstone, as above.	10040	10065
Sandstone, white, yellow, with some black gas, very fine-grained, sub-rounded, well sorted, frosted.	10065	10080
Shale, gray, green, some mottle, silty, firm, calcareous.	10080	10100
Sandstone, white, yellow, very fine-grained to fine-grained, sub-rounded, frosted, unconsolidated, well sorted; some shale, as above.	10100	10115
Shale, gray, green, with trace red, some mottle, soft, firm, calcareous.	10115	10145
Sandstone, white, yellow, very fine-grained to fine-grained, sub-rounded, well sorted, unconsolidated, frosted; some shale, as above.	10145	10165
Sandstone, white, very fine-grained, moderately rounded, well sorted, some black gas, frosted.	10165	10180
Shale, red, green, gray, firm, waxy, silty; with some sandstone, as above.	10180	10200
Shale, gray, green, red, firm, silty, some mottle, some waxy; with some sandstone, as above.	10200	10225
Shale, gray, green, firm, waxy, with some red silty, with calcareous; with some sandstone, as above.	10225	10240
Shale and sandstone, as above.	10240	10260
Sandstone, white, yellow, very fine-grained, moderately sorted, unconsolidated, well rounded, frosted, with some black gas; some shale, as above.	10260	10285
Shale, gray, green, firm, waxy, silty in part; with some sandstone, as above.	10285	10300
Shale and sandstone, as above.	10300	10320

FARM \_\_\_\_\_ WELL NO. 3COMPANY Mountain Fuel Supply Company

	<u>FROM</u>	<u>TO</u>
Shale, gray, green, red, mottle, firm, waxy, calcareous; with some sandstone, as above.	10320	10340
Shale and sandstone, as above.	10340	10360
Sandstone, white, yellow, very fine-grained to fine-grained, well sorted, subangular, sub-rounded, frosted, with some dark gas; some shale, as above.	10360	10385
Shale, gray, green, red, mottle, soft, firm, waxy, silty in part; with some sandstone, as above.	10385	10400
Shale and sandstone, as above.	10400	10415
Shale, gray, green, with some red mottle, silty in part, firm and waxy; with some sandstone, as above.	10415	10455
Sandstone, white, yellow, with some dark mineral, subangular, sub-rounded, frosted, well sorted; shale, gray, green, firm, waxy, calcareous; with some sandstone, as above.	10455	10505
Shale, gray, green, with some red, firm, hard, silty in part; some sandstone, white, yellow, very fine-grained to fine-grained, subangular, sub-rounded.	10505	10525
Shale and sandstone, as above.	10525	10545
Shale, gray, green, red, silty, firm, hard, calcareous, waxy; very little sandstone, as above.	10545	10570
Shale and sandstone, as above.	10570	10600
Shale, gray, green, with some red, firm, hard, silty in part; very little sandstone, as above.	10600	10630
Shale, gray, green, with some red, waxy, silty, firm, hard, slightly calcareous, abundant cavings; trace sandstone.	10630	10655
Shale, gray, green, with some red, silty, waxy, firm, hard, with abundant cavings; trace sandstone.	10655	10680
Shale, gray, green, with some red, silty, waxy, firm, hard, with abundant cavings; some sandstone.	10680	10700
Shale, gray, green, with some red, firm, hard, silty, waxy, some pyrite; some sandstone, white, yellow, clear, frosted, very fine-grained, subangular, sub-rounded, unconsolidated.	10700	10730
Sandstone, light gray, very fine-grained to fine-grained, mostly loose, some black gas, chunks look tight, shale 10%.	10730	10740
Shale, green, gray, some black and red, brown, hard; sandstone 10%.	10740	10750
Sandstone, as above, 90%, no show.	10750	10780
Shale, green, gray, some red, brown, firm; 20% sandstone, as above.	10780	10810
Sandstone, light gray, very fine-grained, loose, subangular, with	10810	10850
Shale, gray, green, some red, brown, firm, 60%; and sandstone, as above.	10850	10860
Sandstone, light gray, very fine-grained, loose, subangular, with black, gray and green grains. No shows.	10860	10920
Shale, gray, green, firm, with some red, brown.	10920	10930
Shale, gray, green, 30%, red, brown, 40%, with 30% sandstone, as above.	10930	10950
Sandstone, as above, 80%; shale, as above, 20%.	10950	10970
Sandstone, light gray, white, very fine-grained, loose, subangular, with black, gray, green grains, tight. No shows.	10970	11000
Shale, as above, gray, green, red, brown; sandstone, as above, 10%.	11000	11020
Sandstone, as above, 90%; shale, as above, 10%.	11020	11040
Shale, as above, 80%; sandstone, as above, 20%.	11040	11050
Shale, as above, 100%.	11050	11070
Sandstone, light gray, white, very fine-grained to fine-grained, subangular to sub-rounded, loose, with black, gray and green grains, 10% Shale, 50% sandstone, as above; 50% shale, as above.	11070	11120
Shale, gray, green, with some red, brown, firm waxy, silty; some sandstone, white, yellow, very fine-grained, unconsolidated, frosted.	11120	11150

	<u>FROM</u>	<u>TO</u>
Sandstone, white, yellow, very fine-grained, subangular, sub-rounded, well sorted, frosted, some dark grains, unconsolidated; some shale, as above.	11150	11165
Shale, gray, green, firm, waxy, silty; sandstone, as above.	11165	11180
Shale and sandstone, as above.	11180	11193
Sandstone, white, very fine-grained, unconsolidated, frosted, sub-angular, sub-rounded, well sorted; some shale, as above.	11193	11207
Shale, gray, green, with some red, silty, waxy; sandstone, as above.	11207	11230
Shale, gray, green, with some red, firm waxy, silty in part; some sandstone, as above.	11230	11255
Shale, gray, green, with some red, waxy, silty; sandstone, as above.	11255	11270
Shale and sandstone, as above.	11270	11285
Sandstone, white, yellow, very fine-grained, subangular, sub-rounded, well sorted, frosted, some dark grains.	11285	11305
Shale and sandstone, as above.	11305	11320
Shale and sandstone, as above.	11320	11342
Sandstone, white, pinkish, fine-grained to medium-grained, subangular to angular, poorly sorted, some dark grains. Lost 75 barrels mud.	11342	11360
Shale, gray, green, with some red, silty; sandstone, as above.	11360	11375
Shale and sandstone, as above.	11375	11390
Shale and sandstone, as above.	11390	11420
Sandstone, white, gray, very fine-grained to medium-grained, subangular, sub-rounded, moderately sorted, some dark grains; some shale, as above.	11420	11450
Sandstone, as above; with increasing shale, gray, green, with some red, firm, silty, micaceous.	11450	11465
Sandstone and shale, as above.	11465	11480
Shale, gray, green, with some red, firm, silty, waxy, some sandstone, as above.	11480	11502

JBG:mw

8/25/70

## Mountain Fuel Notes on Test Rate

Mountain Fuel Supply Co. reported that its Cedar Rim No. 3 well in Duchesne County had been flowing oil at rates of 98 barrels an hour during brief tests made through a choke ranging in size from 24-64-inch to 36-64-inch.

"Although the well is in Utah, Mr. Fidler said, 'we are highly encouraged with results so far. More tests must be conducted before the real potential is known.'"

The well is the third completed in the past 12 months in the Cedar Rim-Sink Draw

24  
Salt Lake Tribune, November 13, 1900

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.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Tribe

7. UNIT AGREEMENT NAME  
-

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Cedar Rim - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W., USM

12. COUNTY OR PARISH  
Duchesne

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

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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) _____	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) Add'l perforations <input checked="" type="checkbox"/>			

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

TD 11,511', PBD 10,034'.

We would like permission to perforate the following Wasatch intervals with one hole per foot:

- 7980-8250'
- 8460-9000'
- 9100-9565'
- 9600-9700'

We plan to place the well on production after perforating.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 2-11-72  
BY Paul A. Burdick

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

SIGNED B. H. Croft TITLE Vice President, Gas Supply Operations DATE Feb. 10, 1972

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

## INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO B. W. Croft

DATE February 4, 1972

SUBJECT Tentative Plan to Recomplete  
Cedar Rim Well No. 3  
Duchesne County, Utah

Attached for your information and files is a tentative plan to recomplete the above-captioned well.

The estimated cost to accomplish this work is \$39,978.00, of which \$35,354.00 is for new purchases, contracts, and services, and the remaining \$4,624.00 is for Company labor, equipment, and services.

RGM/gm

Attachment

cc: J. T. Simon  
L. A. Hale  
J. E. Adney  
D. E. Dallas (2)  
C. F. Rosene  
D. B. Smith  
A. A. Pentila  
U.S.G.S.  
State  
P. E. Files (4)



**MOUNTAIN FUEL SUPPLY COMPANY**

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84111 • PHONE 328-8315

May 11, 1971

Mr. Cleon B. Feight, Director  
Utah Oil and Gas Commission  
1588 West North Temple  
Salt Lake City, Utah 84116

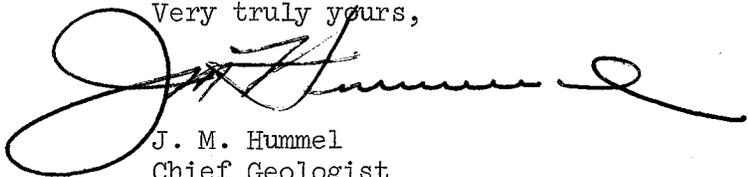
Dear Jack:

Cedar Rim Well No. 3  
Duchesne County, Utah

The confidential nature of the Cedar Rim Well No. 3 need not be continued further. Requests for E-logs and other data previously considered confidential may be released at your convenience.

Thank you for your cooperation in withholding information on this well for the past several months.

Very truly yours,



J. M. Hummel  
Chief Geologist

JMH:ga

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.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cedar Rim

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Cedar Rim - Wasatch

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

SW NE 19-3S-6W., USM

12. COUNTY OR PARISH 13. STATE

Duchesne

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

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  
1980' FNL, 1980' FEL SW NE

14. PERMIT NO.

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

KB 6304.05' GR 6286'

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary history

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Rigged up on 2-28-72, tubing stuck, worked tubing loose, pulled tubing and bottom hole assembly, ran casing scraper, could not get below 9560', acidized with 1000 gallons 15% HCL, ran 5" scraper to 9570', acidized with 1000 gallons 15% HCL, ran 7" scraper to 9580', ran 5" casing scraper to 9584', using power swivel cleaned out to 9909', scraper free to 10,034', shut down for night.

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

SIGNED

*B. W. Cropper*

TITLE

Vice President,  
Gas Supply Operations

DATE

March 6, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:





Tubing Report  
 Cedar Rim Well No. 3  
 11/9/70

	<u>Net</u>	<u>Gross</u>
1 Cameron DCB dual string hanger tapped 2-7/8-inch seal lock tubing on bottom and 2-7/8-inch CF hydril on top	0.66	0.66
309 jts. 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing	9501.54	9581.33
1 2-7/8-inch O.D., 6.4-pound, N-80 seal lock pup joint	3.86	4.11
1 Kobe standard bottom hole assembly	14.62	14.87
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread perforated pup joint	8.19	8.37
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread pup joint	8.51	8.69
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread pup joint	6.01	6.19
1 2-7/8-inch O.D., 8 round thread, J-55 tubing collar	0.43	0.43
1 2-7/8-inch O.D., 8 round thread EUE tubing bull plug	<u>0.40</u>	<u>0.58</u>
	9544.22	9625.23

Above tubing landed at 9559.86 feet KBM or 15.64 feet below KB in a Cameron Type DCB dual string hanger.

1 Cameron Type DCB tubing hanger tapped 2-3/8-inch O.D. seal lock thread on bottom and 2-3/8-inch CF hydril on top	0.66	0.66
1 2-3/8-inch O.D., 4.6-pound, N-80 seal lock pup joint	10.02	10.24
1 2-3/8-inch O.D., 4.6-pound, N-80 seal lock pup joint	6.11	6.33
309 jts. 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing	9487.35	9555.33
1 2-3/8-inch seal lock collar	0.50	0.50
1 2-3/8-inch seal lock by 1.660-inch 10 round thread swage nipple	0.30	0.63
1 1.660-inch O.D., 2.4-pound, J-55, EUE 10 round thread pup joint	9.99	10.10
1 Kobe seal assembly	<u>1.41</u>	<u>1.41</u>
	9516.34	9585.20

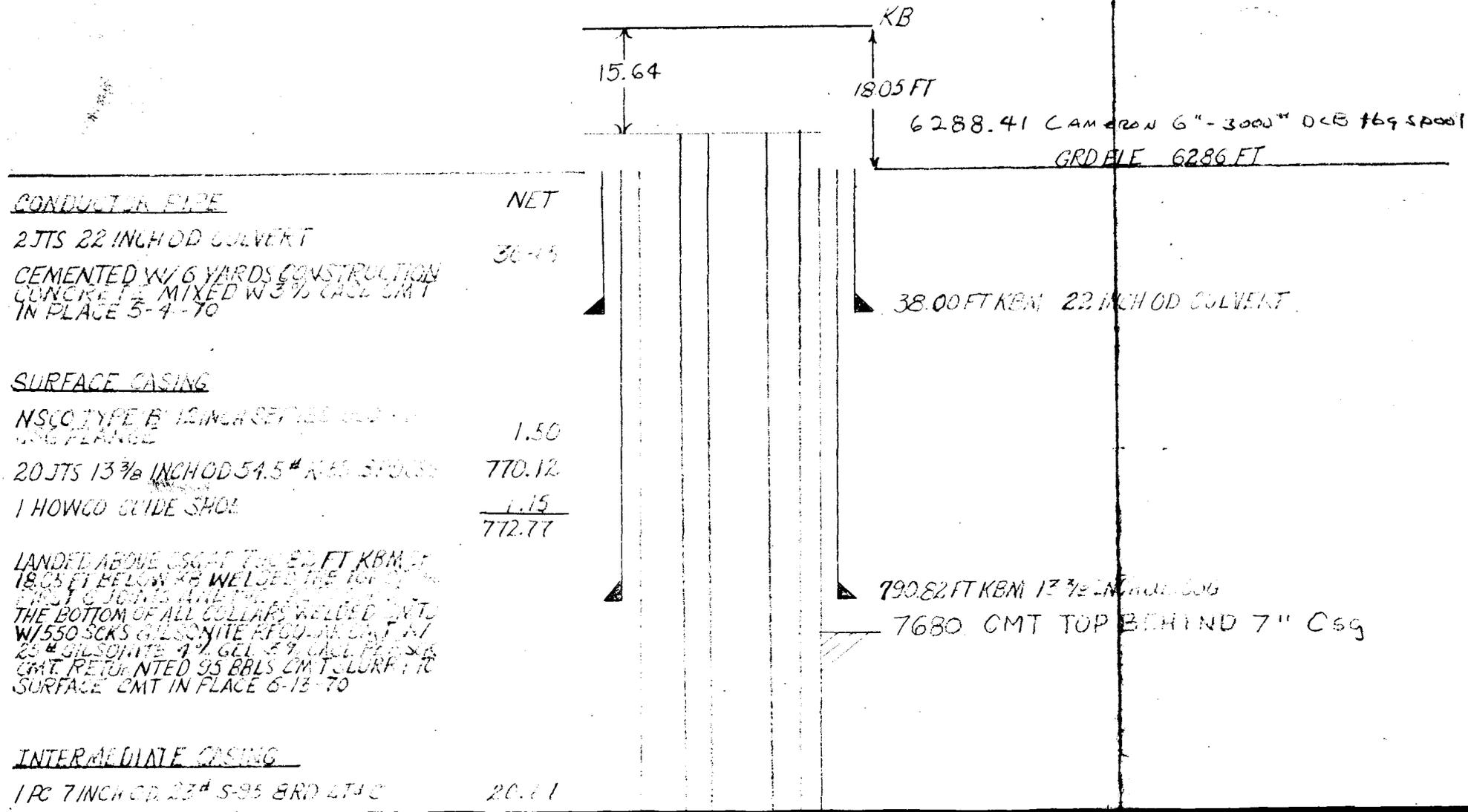
Landed above tubing at 9531.98 feet KBM or 15.64 feet below KB in 12,000 pounds compression on a Cameron DCB dual string hanger.

PRESENT STATUS DRAWING  
 CEDAR RIM WELL NO 3  
 SWNE SEC 19 T 35 R 6 N  
 CEDAR RIM FIELD  
 DUCHESNE COUNTY UTAH

SCHEMATIC - NOT TO SCALE

8-20-70 PJR

Revised 10-29-70 yj



166 JTS 7 INCH OD 2 3/4" S 8 1/2 BRD LT+G 7075.74  
 62 JTS 7 INCH OD 2 3/4" S 8 1/2 BRD LT+G 2562.67  
 BAKER DIFF COLLAR TYPE 'B' 1.80  
 1 JTS 7 INCH OD 2 3/4" S 8 1/2 BRD LT+G 36.71  
 BAKER DIFF SIDE TYPE 'G' 2.41  


---

 9694.94

LANDED ABOVE LOG AT 9717.99. 7 INCH OD 2 3/4" S 8 1/2 BRD LT+G  
 150 FT OF LINE WAS LIFTED FROM THE  
 LOG. THE LEAD WAS SPOT WELDED TO THE  
 COLLAR AND THE LINE WAS LIFTED FROM  
 ON 6 JTS (50' IN ID) WITH 100' OF LINE  
 FROM THE CMT WITH 10' OF LINE TO THE  
 1 1/4" TO 1 1/2" LIKE LOGS. RUNNING WHILE  
 AND DISCONNECTING. BUMPED LOG TO 3400  
 PSI. CMT WEIGHT 135,000  
 CMT IN PLACE 7.27 TO INSTALL A 6 INCH  
 SERIES 1500 BY 12 INCH SERIES 200 TEE  
 SPOOL SEAL TESTED TO 2500 PSI. ALL  
 GOOD.

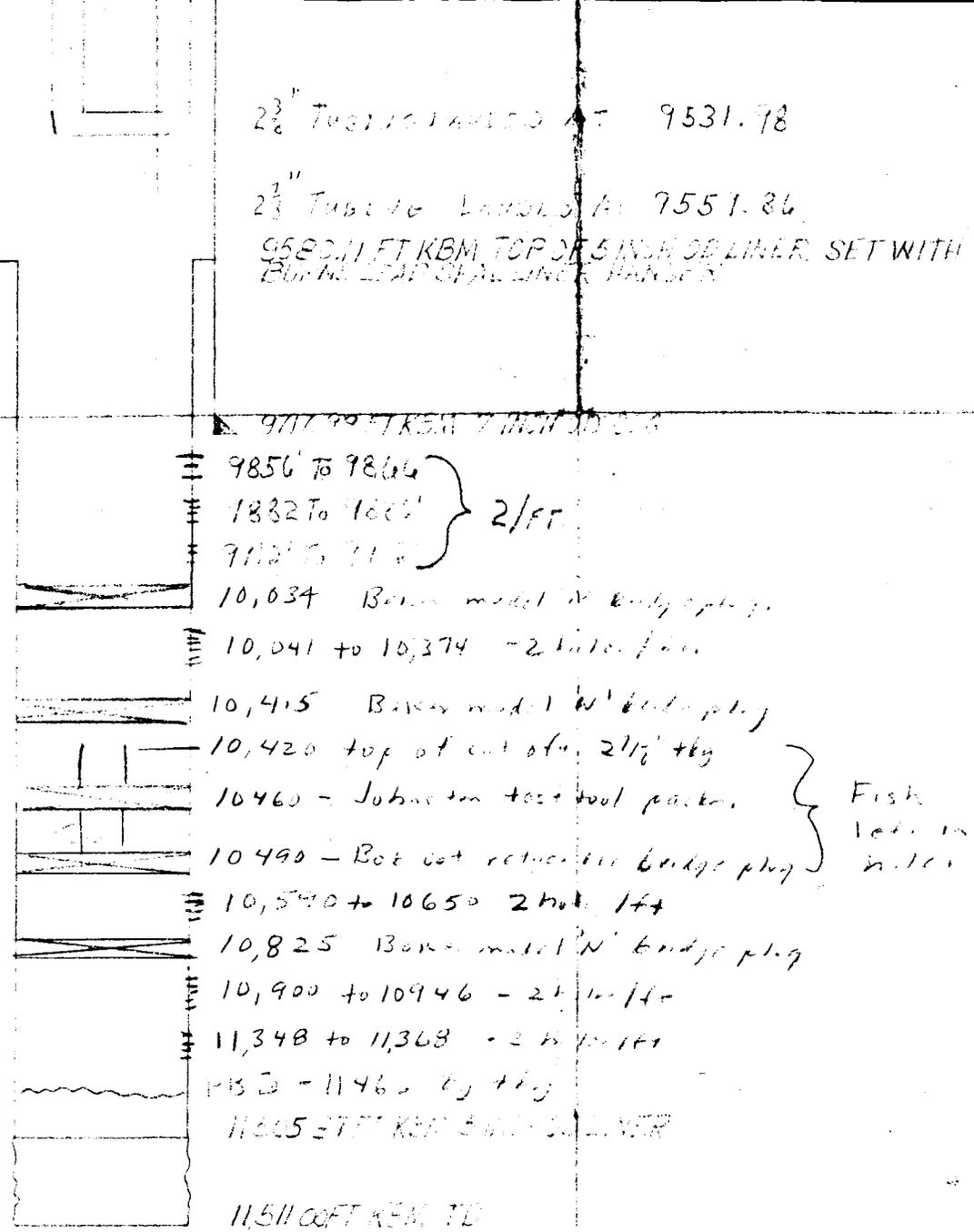
LINE LOG

BURNS LEADLINE LINE 3.05  
 46 JTS 5 INCH OD 1 3/4" S 8 1/2 BRD LT+G 1571.00  
 1 BAKER REC FLOAT COLLAR 1.70  
 1 JTS 5 INCH OD 1 3/4" S 8 1/2 BRD LT+G 41.50  
 1 BAKER REC FLOAT COLLAR 1.50  


---

 1927.75

TAGGED BOTTOM AT 11511.00. 7 INCH OD 2 3/4" S 8 1/2 BRD LT+G  
 SET BOTTOM OF LINE AT 11511.00. FROM  
 TOP OF LINE HANGER TO 11511.00. 100'  
 CMT WITH 170 SCS 50-50 MIX WITH 1/2"  
 TO 3/4" SCS. REVERSE CIRC 140 FEET  
 MID (70 BRLS REC.) NO CMT. SCS 1/2"  
 TO SUB. LINE WITH 10 FT OF LINE. 13  
 CMT IN PLACE 8.20 TO



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

SUBMIT IN TRIP  
(Other instructions re-  
verse side)

Form approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute

**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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Mountain Fuel Supply Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL, 1980' FEL SW NE</p>	<p>7. UNIT AGREEMENT NAME -</p> <p>8. FARM OR LEASE NAME Cedar Rim</p> <p>9. WELL NO. 3</p> <p>10. FIELD AND POOL, OR WILDCAT Cedar Rim - Wasatch</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW NE 19-38-6W., USM</p>	
<p>14. PERMIT NO. -</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6304.05' GR 6286'</p>	<p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>

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>Additional perforations</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.)\*

TD 11,511', FBD 10,034'.

Perforated the following intervals with 1 hole per foot: 9700-9600', 9565-9100', 9000-8460', and 8250-7980'.

Landed 2-7/8" tubing at 9581.86' and 2-3/8" tubing at 9533.70', dropped standing valve.

18. I hereby certify that the foregoing is true and correct  
 SIGNED B. H. Craft Jr TITLE Vice President, Gas Supply Operations DATE March 15, 1972

(This space for Federal or State office use)

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

From: Pat Brotherton

Rock Springs, Wyoming

To: R. G. Myers

February 4, 1972

Tentative Plan to Recomplete  
Cedar Rim Well No. 3  
Duchesne County, Utah

The subject well was completed in November 1971, producing from Wasatch perforations at 9856 feet to 9866 feet, 9882 feet to 9886 feet, and 9912 feet to 9932 feet KBM. Seven-inch O.D., 23 and 26-pound casing was set at 9717.99 feet KBM. The cement top behind the 7-inch O.D. casing is at 7680 feet. A 5-inch O.D., 18-pound liner was set from 9580.11 feet to 11,505.87 feet KBM. The 5-inch O.D. liner was cemented with 170 sacks 50-50 Pozmix cement with no slurry returned to the surface when reversing out. The liner hanger was leaking during the original completion. The above perforations were treated with 5000 gallons of 15 percent hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon acid.

Four deeper intervals (10,041 feet to 11,368 feet KBM gross footage) were perforated and tested. These intervals were found to be non-productive or water-wet. They are sealed off by a Baker Model N bridge plug set at 10,034 feet KBM. Initial production was 2280 barrels of oil and 757 MCF gas per day. Average production for the first four weeks of December 1971 was 159 barrels oil, 213 barrels water, and 54 MCF gas per day.

It is recommended that the upper Wasatch be perforated from 7980 feet to 9700 feet KBM gross. Attached is a cost estimate and a present status drawing.

NOTE: Zero or KB is 15.64 feet above the Cameron 6-inch 3000 pound DCB tubing spool.

1. Surface and retrieve Kobe hydraulic pump.
2. Move in and rig up a contract workover rig equipped with mud pump and mud pits.
3. Mix 800 barrels 10.4 ppg calcium chloride water. 112,000 pounds calcium chloride will be required.
4. Using rig pump, circulate oil and gas out of both strings of tubing and casing with 400 barrels 10.4 ppg calcium chloride water. Circulate oil to tank battery. It will be necessary to pump down the casing while circulating because standing valve will still be in the bottom hole assembly.
5. With well dead, remove upper portion of wellhead down to the Cameron 6-inch 3000 pound DCB tubing spool. Install a 6-inch 5000 pound double gate blowout

preventer with blind rams in bottom and 2-3/8-inch offset rams in top. Install a single gate blowout preventer with 2-7/8-inch rams. Pull and stand back 2-3/8-inch O.D. seal lock tubing. Keep hole full while pulling tubing.

6. Pull and stand back 2-7/8-inch O.D. seal lock tubing. Remove standing valve from bottom hole assembly and send bottom hole assembly to Kobe in Vernal to be redressed. Keep hole full while pulling tubing.
7. Rig up Dresser Atlas lubricator and perforate the 7-inch O.D. casing and the 5-inch O.D. casing liner from 9600 feet to 9700 feet KBM with one Jumbo jet shot per foot. Run a gauge ring and junk basket dressed for 7-inch O.D., 26-pound casing to 9580 feet KBM. Run a Baker Retrieva-D packer dressed for 7-inch O.D., 26-pound casing. Set packer at 9575 feet KBM. The Retrieva-D packer will have the flapper removed and an expendable plug installed.
8. Run the 2-7/8-inch O.D. tubing to such depth that is necessary and circulate oil and gas out of hole with 10.4 ppg calcium chloride water.
9. Perforate with one Golden Jet shot per foot as follows:

9565 feet to 9100 feet  
9000 feet to 8460 feet  
8250 feet to 7980 feet

A total of 1275 feet will be perforated with 1275 holes. It will probably be necessary to run the 2-7/8-inch O.D. tubing to about 4000 feet every night and circulate the oil out of the hole every morning before continuing perforating.

10. Run 2-7/8-inch O.D. tubing as follows:

	<u>Net</u>	<u>Gross</u>
1 Cameron DCB split tubing hanger tapped 2-7/8-inch seal lock on bottom and 2-7/8-inch CF hydril on top	0.66	0.66
309 jts. 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing with special clearance couplings	9501.54	9581.33
1 2-7/8-inch O.D., 6.4-pound, N-80 seal lock pup joint	3.86	4.11

	<u>Net</u>	<u>Gross</u>
1 Kobe 2-1/2-inch standard bottom hole assembly with 2-7/8-inch seal lock thread on top and 2-7/8-inch 8 round thread on bottom	14.62	14.87
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread, EUE perforated pup joint	8.19	8.37
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round thread, EUE pup joint	8.51	8.69
1 2-7/8-inch 8 round EUE collar	0.44	0.44
1 2-7/8-inch 8 round EUE by 2-3/8-inch 8 round EUE swage nipple	0.32	0.66
1 jt. 2-3/8-inch O.D., 4.7-pound, N-80, 8 round thread EUE tubing with bottom upset cut off	<u>30.00</u>	<u>30.00</u>
	9568.14	9649.13

The above tubing will be landed at 9583.78 feet KBM or 15.64 feet below KB.

11. Run 2-3/8-inch O.D. seal lock tubing as follows:

	<u>Net</u>	<u>Gross</u>
1 Cameron DCB split tubing hanger tapped 2-3/8-inch seal lock on bottom and 2-3/8-inch CF hydril on top.	0.66	0.66
1 2-3/8-inch O.D., 4.6-pound, N-80 seal lock pup joint	10.02	10.24
1 2-3/8-inch O.D., 4.6-pound, N-80 seal lock pup joint with special clearance coupling	6.11	6.33
309 jts. 2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing with special clearance couplings	9487.35	9555.33
1 2-3/8-inch seal lock collar	0.50	0.50
1 2-3/8-inch seal lock by 1.660-inch 10 round swage nipple	0.30	0.63
1 1.660-inch O.D., 2.4-pound, J-55, 10 round thread, EUE pup joint	9.99	1.41
1 Kobe seal assembly	<u>1.41</u>	<u>1.41</u>
	9516.34	9585.20

The above tubing will be landed at 9531.98 feet KBM or 15.64 feet below KB in 12,000 pounds compression.

Note: Run and land tubing as follows:

- A. Run 2-7/8-inch tubing as described in Step No. 10, leaving out 1 stand (2 joints). Land on hanger. This will leave the bottom of the 2-7/8-inch tubing at approximately 9523 feet. The Retrieva-D packer will be set at 9575 feet.
  - B. Run 2-3/8-inch tubing as described in Step No. 11, leaving out 2 stands (4 joints). This will leave the bottom of the 2-3/8-inch tubing at approximately 9411 feet.
  - C. Pick up 2-7/8-inch tubing and remove tubing hanger. Lower 2-7/8-inch tubing 1 stand to approximately 9583.78 feet. The expendable plug will be pushed out of the Retrieva-D packer when tubing is lowered. Land on tubing hanger. Minimum bore through packer is 3.250 inches.
  - D. Pick up 2-3/8-inch tubing and remove tubing hanger. Lower the 2-3/8-inch tubing 2 stands and sting into the bottom hole assembly. Land on tubing hanger. The 2-7/8-inch tubing will be run exactly as it was pulled from the bottom hole assembly up. The 2-3/8-inch tubing will be run exactly as it was pulled.
12. With both strings of tubing landed and stung in, drop standing valve and using rig pump and 10.4 ppg calcium chloride water, pressure test tubing and standing valve to 1500 psi. Remove blowout preventers and install upper portion of wellhead.
  13. Using rig pump and Dry Piney crude oil, displace calcium chloride water out of both strings of tubing and casing. Approximately 400 barrels will be required.

14. Release workover rig.
15. Hook up existing production facilities and put well on production.

GENERAL INFORMATION

A. Material required:

1. 6-inch 5000 pound double gate blowout preventer with blind rams in bottom and 2-3/8-inch offset rams in top.
2. 6-inch 5000 pound single gate blowout preventer with 2-7/8-inch rams.
3. 6-inch 3000 pound offset spacer spool.
4. 6-inch 3000 pound stripper head with one 2-7/8-inch rubber and one 2-3/8-inch rubber.
5. One set of MYT slip type elevators with one set of 2-7/8-inch inserts and one set of 2-3/8-inch inserts.
6. One 2-1/2-inch full opening stabbing valve.
7. One 2-inch full opening stabbing valve.
8. Three 2-7/8-inch seal lock by 2-7/8-inch 8 round EUE swage nipples.
9. Three 2-3/8-inch seal lock by 2-3/8-inch 8 round EUE swage nipples.
10. One joint 2-3/8-inch O.D., 4.7-pound, N-80, 8 round thread, EUE tubing with bottom upset cut off.
11. One 2-7/8-inch 8 round EUE by 2-3/8-inch 8 round EUE swage nipple.
12. One 2-7/8-inch 8 round EUE collar.
13. One Baker Retrieva-D packer dressed for 7-inch O.D., 26-pound casing with expendable plug.
14. 168,000 pounds calcium chloride (1200 barrels 10.4 ppg calcium chloride water).
15. 1200 barrels water.
16. 400 barrels Dry Piney crude oil.

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.  
Ute Tribal 14-20-462-1120

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cedar Rim

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Cedar Rim - Wasatch

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

SW NE 19-3S-6W., U.S.M.

12. COUNTY OR PARISH

Duchesne

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

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

1980' FNL, 1980' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

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>Additional Perforations</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.)\*

TD 11,511', PBD 10,034', installed pump and wellhead equipment, well pumped 249 barrels of oil and 274 barrels of water in 24 hours, gas 147 Mcf, choke 50/64", rig released March 18, 1972.

Final report.

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

SIGNED B. W. Croft

TITLE Vice President,  
Gas Supply Operations

DATE March 22, 1972

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

February 28, 1973

MEMO FOR FILING

Re: Mountain Fuel Supply Company  
Cedar Rim #2 & #3  
Sec. 19, 20, T. 3 S, R. 6 W,  
Duchesne County, Utah

On February 15, 1973, the above referred to well sites were visited.

Met Mr. Darrel Smith, pumper, and he reported that the above referred to wells plus the #4, are making a combined total of approximately 300 BOPD and flaring around 200 MCF. The water production averages 100 BWPD for each of the three wells. It was learned that the Mountain Fuel Supply Company has made farmouts to the industry for the acreage to the southwest and north. Of interest, it was reported that a Mr. Ted Lewis, Pipeline Manager for the Marathon Oil Company, has made several trips to the field and collected samples of the crude. It is unofficially rumored that Marathon Oil Company is presently acquiring right-away permits from the Bureau of Land Management to build a pipeline from the Uinta Basin to Guernsey, Wyoming, and tie in with the Platt Pipeline Company. The crude would then be shipped to the refinery and market in Omaha, Nebr. The transmission of the high pour point crude would be made possible by thinning it with chemicals.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:ck

cc: U.S. Geological Survey



**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 Salt Lake City 14, Utah

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

State Utah County Duchesne Field or Lease Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for

MAR 1972, 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 CHIEF ACCOUNTANT

14-20-462-1120

State Lease No. .... Federal Lease No. .... Indian Lease No. .... Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)				
					*		**					
SW 1/4 NE 1/4 19	3S	6W	3	P	--	--	--	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">No. of Days Produced</th> <th style="width: 85%;">REMARKS</th> </tr> <tr> <td style="text-align: center;">12</td> <td>                     Recomplete                      Rigged up 2-28-72                      T.D. 11,511'                      PBD 10,034'                      Rig Released 3-18-72                      On Production 3-20-72                      Final Report                      See Other Report                 </td> </tr> </table>	No. of Days Produced	REMARKS	12	Recomplete Rigged up 2-28-72 T.D. 11,511' PBD 10,034' Rig Released 3-18-72 On Production 3-20-72 Final Report See Other Report
No. of Days Produced	REMARKS											
12	Recomplete Rigged up 2-28-72 T.D. 11,511' PBD 10,034' Rig Released 3-18-72 On Production 3-20-72 Final Report See Other Report											

\* Not Corrected for Temperature and Gravity or BS & W  
 \*\* Flared to Atmosphere

Note: There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift  
 SI-Shut In D-Dead  
 GI-Gas Injection TA-Temp. Aban.  
 WI-Water Injection



**MOUNTAIN FUEL SUPPLY COMPANY**

180 EAST FIRST SOUTH • P. O. BOX 11368 • SALT LAKE CITY, UTAH 84111 • PHONE 328-8315

August 16, 1973

State of Utah  
Department of Natural Resources  
Division of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Attn: Mr. Cleon Feight

Gentlemen:

Re: Sale of Cedar Rim-Sink Draw  
Properties, Duchesne County, Utah

Mountain Fuel Supply Company was the Operator of the following wells in Duchesne County, Utah:

<u>Cedar Rim Well No. 2</u>	<u>T. 3 S., R. 6 W.</u> Sec. 20: SW $\frac{1}{4}$ NE $\frac{1}{4}$
<del><u>Cedar Rim Well No. 3</u></del>	<u>T. 3 S., R. 6 W.</u> Sec. 19: SW $\frac{1}{4}$ NE $\frac{1}{4}$
<u>Cedar Rim Well No. 4</u>	<u>T. 3 S., R. 7 W.</u> Sec. 30: SW $\frac{1}{4}$ NE $\frac{1}{4}$
<u>Sink Draw Well No. 1</u>	<u>T. 3 S., R. 7 W.</u> Sec. 22: SW $\frac{1}{4}$ NE $\frac{1}{4}$
<u>Sink Draw Well No. 2</u>	<u>T. 3 S., R. 7 W.</u> Sec. 24: SW $\frac{1}{4}$ NE $\frac{1}{4}$

Mountain Fuel Supply Company, Phillips Petroleum Company, and Chevron Oil Company, the working interest owners in these wells, sold their interest to Koch Industries, Inc. The sale of these properties was effective April 1, 1973, but Koch took over actual operations of the properties effective 7:00 A.M. on July 11, 1973.

Division of Oil & Gas Conservation  
August 16, 1973  
Page 2

For your information, the address of Koch Industries, Inc. is  
P. O. Box 2256, Wichita, Kansas 67201. Please note your records  
accordingly.

Very truly yours,



G. A. Peppinger  
Chief Landman

GAP:co

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.3.

ALLOTTEE \_\_\_\_\_  
TRIBE Ute  
LEASE NO. 14-20-462-1133

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Duchesne Field Cedar Rim

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1974,

Agent's address 1 Park Central, Suite 530 Company Koch Exploration Co.  
1515 Arapahoe St., Denver, Colo. 80202 Signed Orwell L. Schmitt

Phone 303-623-5266 Agent's title District Engineer

SEC. AND ¼ OF ¼	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)
NE SW	13	3S	7W	3						Drlg @ 2525'

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

\_\_\_\_\_ runs or sales of gasoline 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.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 26, 1985

Koch Exploration company  
Po Box 2256  
Wichita, Kansas 67201

Gentlemen:

Re: Well No. Cedar Rim 3 - Sec. 19, T. 3S., R. 6W.,  
Duchesne County, Utah - API #43-013-30040

We have received your notice indicating that this well is temporarily abandoned; however, there is no information as to where the temporary plugs are set.

If plugs have been set, it is necessary to submit this information on a "Sundry Notice". If plugs haven't been set, the well is not temporarily abandoned; it is either shut in or operations have been suspended.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna  
Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/73

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
MAY 03 1985  
TRIPPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**  
DIVISION OF OIL  
GAS & MINING

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Ute Tribal 14-20-462-1121
2. NAME OF OPERATOR Koch Exploration Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute
3. ADDRESS OF OPERATOR P O Box 2256 Wichita, KS 67201		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL, 1980' FEL (SW NE)		8. FARM OR LEASE NAME Cedar Rim
14. PERMIT NO. N/A	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6286', KB 6304'	9. WELL NO. #3
		10. FIELD AND POOL, OR WILDCAT Cedar Rim-Wasatch
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SW NE Sec.19-3S-6W, USM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

PLEASE CHANGE WELL STATUS FROM TEMPORARILY ABANDONED ON 4/2/85 TO SHUT-IN.

18. I hereby certify that the foregoing is true and correct  
SIGNED Orvall L. Schmidt TITLE Vice-Pres. Operations DATE Apr. 30, 1985  
Orvall L. Schmidt

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:



KOCH EXPLORATION COMPANY

April 30, 1985

RECEIVED

MAY 03 1985

State of Utah  
Natural Resources  
Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180-1203

DIVISION OF OIL  
GAS & MINING

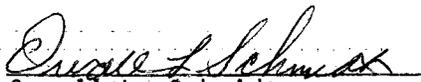
RE: Sundry Notice Form OGC-1b  
Koch's Sink Draw #1 - Sink Draw #5 - Cedar Rim #3  
Duchesne County, UT

---

Ms. Pam Kenna  
Well Records Specialist

In response to your letters of April 26, 1985, pertaining to the above captioned, we submit corrected reports to read "Shut-In" versus the previous report of "Temporarily Abandoned". If further information is required, please advise.

Thank you,  
KOCH EXPLORATION COMPANY

  
Orvall L. Schmidt  
Vice President Operations

Encl:

/bf

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.  
Ute-Tribal 14-20-462-112

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Cedar Rim-Wasatch

11. SEC., T., R., M., OR BLM. AND  
SUBVY OR AREA  
SW NE 19-3S-6W, USM

12. COUNTY OR PARISH  
Duchesne

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.)

RECEIVED

APR 08 1985

DIVISION OF OIL  
GAS & MINING

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Koch Exploration Co.

3. ADDRESS OF OPERATOR  
P.O. Box 2256, Wichita, KS 67201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1980' FNL, 1980' FEL (SW NE)

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, OR, etc.)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)

Well Temporarily Abandoned on 4/2/85

*No approval given. Letter in well file.*

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

SIGNED O. L. Schmidt TITLE Vice Pres. Prod/Oper. DATE 4/2/85

(This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE\*  
(Or instructions on reverse side)

071014

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
KOCH EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P.O. Box 2256, Wichita, KS 67201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
  
1980' FNL, 1980' FEL (SW NE)

14. PERMIT NO.  
~~43.012.3004~~

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
KB 6304.05' GR 6286'

5. LEASE DESIGNATION AND SERIAL NO.  
Ute Tribal 14-20-462-11

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Cedar Rim

9. WELL NO.  
3

10. FIELD AND POOL, OR WILDCAT  
Cedar Rim-Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE 19-3S-6W, USM

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

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

Plan to P&A well as Follows:

1. Set CIBP at 7950' w/25 sx reg. cmt. on top.
2. Cut 7" csg. off as deep as possible. (top cmt. @ 7680').
3. Plug No. 2 100' below & 100' above cut off jt.
4. Plug No. 3 900' to 700' by displacement (surf csg. @ 791').
5. Plug No. 4 50' to surface.
6. Space between cement plugs to be filled w/9.0# fresh water mud.
7. Cut off well head below ground level & weld on marker.

RECEIVED  
JUL 08 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Oswald L. Schmidt TITLE Vice Pres. Prod/Oper. DATE 6/4/86  
O. L. Schmidt

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Federal approval of this action is required before commencing operations.

\*See Instructions on Reverse Side  
DATE: 7-9-86  
BY: John R. Boye

SURFACE REHABILITATION  
CONDITION OF APPROVAL

1. The deadmen will be cut-off a minimum of one foot below recontoured ground surface, unless otherwise waived by the surface owner.

If so waived, Koch Exploration Company must submit to the BLM an affidavit signed by the surface owner stating that the condition of the deadmen is acceptable after rehabilitation.

2. Upon completion of the surface rehabilitation, Koch Exploration Company, must submit to the BLM an affidavit signed by the surface owner stating that the rehabilitation is acceptable.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

18. Special Instructions No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. *462*  
Ute Tribal 14-20-1120  
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.)

Ute Tribal

7. UNIT AGREEMENT NAME

OIL WELL  GAS WELL  OTHER

8. FARM OR LEASE NAME

Cedar Rim

2. NAME OF OPERATOR

Koch Exploration Company

9. WELL NO.

3

3. ADDRESS OF OPERATOR

P.O. Box 2256 Wichita, KS. 67201

10. FIELD AND POOL, OR WILDCAT

Cedar Rim

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

1980' FNL, 1980' FEL SW-NE

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

Sec. 19-3S-6W USM

14. PERMIT NO.

43-013-30040

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

KB 6304.05', GR 6286'

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

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.)

Plugs set

- 35 sks @ 9416', W.O.C. 4 hrs. No plug.
- 35 sks @ 9416', W.O.C. over weekend, tagged @ 8480'.
- Set CIBP @ 7934', 10 sks on top.
- Perf. 7" csg. @ 3600', retainer @ 3583', Squeezed out 25 sks, 10 sks on top.
- Perf. 7" csg. @ 804', retainer @ 751', Squeezed out 125 sks, 10 sks on top.
- 10 sk plug @ 52' to surface in 7" csg.
- 25 sks between 7" & 13 3/8" appr. 50'.
- All spaces between plugs filled with 9.0# fresh water mud.
- Cut off well head, welded on 1/2" plat, no marker.

10. Dirt work is done as of 11-7-86, as per land owner. (Utah Game & Fish)  
11. See attached sheet as to work performed.

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

SIGNED

*E. E. Mattison*

TITLE

Supt.

DATE

11-8-86

(This space for Federal or State office use)

APPROVED BY

*D. O. E. Little*

TITLE

DISTRICT MANAGER

DATE

12-9-86

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

DATE: *11-8-86*

BY: *John R. Bay*

CEDAR RIM #3 Lse. #Ute Tribal 14-20-462-1120  
Sec. 19-3S-6W, USM Duchesne County, Utah

- 10-15-86 - R.U.P.U. Removed well head, installed B.O.P. Picked up on 2 3/8" tbg. Had to work tbg to unstring from cavity, appr. 2hrs. S.D.F.N.
- 10-16-86 - Trip out, laying down 2 3/8" tbg. Changed tools & rams for 2 7/8" tbg. Picked up on 2 7/8" tbg., unable to pull @ 100,000#. S.D.F.N.
- 10-17-86 - Rigged up Dia-Log, free pointed tbg., free @ 9500'. Ran jet shot, shot tbg. off @ 9476'. Left 22' tbg. & cavity in hole. Pulled 2 jts, spotted 35 sk plug @ 9416'. Pulled 50 jts, W.O.C. 4 hrs. Trip in, did not tag cement above fish @ 9476'. Pulled 2 jts, spotted 20 sks L.C.M. ahead of 35 sks cement @ 9416'. S.D.F.N. & weekend.
- 10-20-86 - Trip in, tagged cement @ 8480'. Trip out, laid down 50 jts. Trip in with CIBP on tbg, set @ 7934'. Filled hole with 150 bbls. water & 187 bbls. 9.0# mud to 3600'. Spotted 10 sks on top of CIBP @ 7934'. Pulled 35 jts S.D.F.N.
- 10-21-86 - Completed trip out, laid down 161 jts tbg. Rigged up Dia-Log, perf. 7" csg. @ 3600'. Trip in with retainer on tbg., set @ 3583', squeezed out 25 sks cement. Spotted 110 bbls 9.0# mud ahead of 10 sks cement on top of retainer @ 3583'. Pulled 24 jts. & laid down 20 jts. 2 7/8" tbg. S.D.F.N.
- 10-22-86 - Completed trip out laying down remainder of tbg. Rigged up Dia-Log, perf 7" csg. @ 804'. Trip in with retainer on tbg., set @ 751'. Squeezed out 125 sks cement. Spotted 25 bbls 9.0# mud ahead of 10 sks cement on top of retainer @ 751'. Trip out, laying down remainder of 2 7/8" tbg. R.D.P.U.
- 10-29-86 - Cut off well head. Spotted 10 sks cement in 7" csg., appr. 50'. Spotted 25 sks in annulus between 7" & 13 3/8" csg., appr. 50'. W.O.C. 24 hrs.
- 10-30-86 - Welded on 1/2" plat, no marker.

*E.C. Mattison*

303-243-8175