

Approved in 2004 by the Utah Geological Survey

Effective 4-1-73 Kuch Exploration
Co. Assumed Operations Iron Mountain
Fuel Supply.

FILE NOTATIONS

Entered in NID File	Checked by Chief <i>DMB</i>
Location Map Pinned <i>✓</i>	Approval Letter <i>8/5/70</i>
Card Indexed	Disapproval Letter

COMPLETION DATA:

Date Well Completed <i>11.30.70</i>	Location Inspected
<i>OW</i> ✓ WW..... TA.....	Bond released
<i>OW</i> OS..... PA.....	State or Fee Land

LOGS FILED

Driller's Log *12.21.70*

Electric Logs (No.) *5* (copy)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CLog..... Others.....

SUBJECT

Well Location Plat

Sink Draw Well No. 2

Section 24, T.3S., R.7W. U.S.M.

Duchesne County, Utah

A print of an amended well location plat for Sink Draw Well No. 2 (Drawing No. M-9963) is submitted herewith to supersede our transmittal dated August 21, 1970.

A minor change in location necessitates the issuance of revised location plats. Please destroy previous plat.

August

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat *Order Per App.*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE 24-3S-7W., USM

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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, 1975' FEL SW NE
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
13 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)
660' 1975

16. NO. OF ACRES IN LEASE
480.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
-

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

19. PROPOSED DEPTH
11,100'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6526'

22. APPROX. DATE WORK WILL START*
August 27, 1970

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26	20	52.73	15	3 yds, construction concrete
17-1/2	13-3/8	54.5	500	341
8-3/4	7	23 & 26	to be determined	

We would like your permission to drill the subject well to an estimated depth of 11,100', anticipated formation tops are as follows: Green River at the surface, Wasatch at 7720'.

Mud will be 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. W. Croft TITLE Vice President, Gas Supply Operations DATE August 21, 1970

(This space for Federal or State office use)

PERMIT NO. 13-013-30050 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

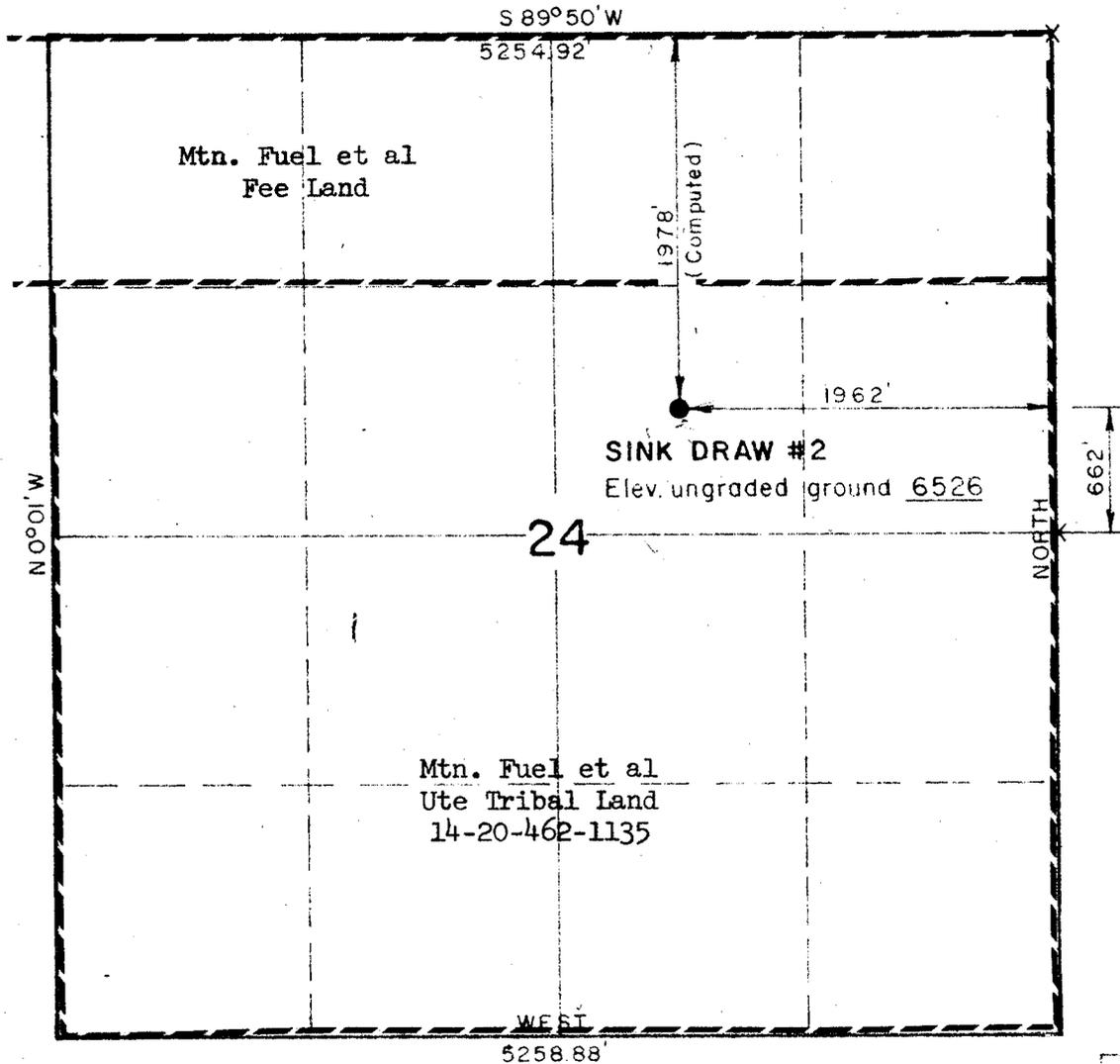
24

T 3 S, R 7 W, U.S.M.

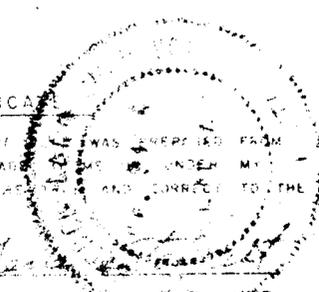
PROJECT

MOUNTAIN FUEL SUPPLY

WELL LOCATION AS SHOWN IN THE SW1/4 NE1/4,
SECTION 24, T 3 S, R 7 W, U.S.M.
DUCHESNE COUNTY, UTAH.



RESERVE



THIS PLAT WAS PREPARED FROM THE ORIGINAL SURVEY MADE BY ... AND CORRECT TO THE ...

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

X= Corners Located (Stone)
NOTE: Plat amended 9 Sept, 1970.
Location moved during construction.

SCALE	'1"=1000'	DATE	8 July, 1970
PARTY	GS & DA	REFERENCES	GLO Township Plat
WEATHER	Clear & Hot	FILE	MTN FUEL SUPPLY

Drawing No. M-9963

August 24, 1970

Mountain Fuel Supply Company
Box 1129
Rock Springs, Wyoming 82901

Re: Well No. Sink Draw #2
Sec. 24, T. 3 S, R. 7 W,
Duchesne County, Utah
API No. 43-013-30050

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 140-1, August 19, 1970.

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

PAUL W. BURCHELL-Chief Petroleum Engineer
HOME: 277-2890
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 during drilling. Your cooperation with regard to this request will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

De
W

From: J. J. Sanna

Rock Springs, Wyoming

To: R. G. Myers

August 28, 1970

Supplement I to
Tentative Plan to Drill
Sink Draw Well No. 2
Duchesne County, Utah

The following additions and changes are made to the original tentative plan to drill dated August 17, 1970.

1. Drilling Contractor - Loffland Brothers
2. Work Order Number - 1072-19604
3. Ground Elevation - 6526 feet
4. Item 6

Does Read: Total Depth - 11,750 feet
Should Read: Total Depth - 11,100 feet

The change in total depth is due to a revised geologic prognosis dated August 19, 1970.

15

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1/10

JS

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO S. J. Fisher

DATE August 17, 1970

SUBJECT Tentative Plan to Drill
Sink Draw Well No. 2
Duchesne County, Utah

Attached for you information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated July 28, 1970.

The plan was reviewed August 14, 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 by the Exploration Department.

RGM/r

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. Rosehe
- U.S.G.S.
- State 
- A. A. Penttila
- Paul Zubatch
- P. E. Files (4)

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From: J. J. Sanna

Rock Springs, Wyoming

To: R. G. Myers

August 11, 1970

Tentative Plan to Drill
Sink Draw Well No. 2
Duchesne County, Utah

This well will be drilled to total depth by _____ Drilling Company using a contract rig. One work order has been originated for the drilling and completion of this well, namely 1072 _____, Drill Sink Draw Well No. 2 located in C SW NE Sec. 24 T, 3S., R. 7 W., Duchesne County, Utah. An 8-3/4-inch hole will be drilled to total depth of 11,750 feet if possible, but the tentative plan is written to run 5-inch O.D. liner below the 7-inch O. D. casing.

1. Using a 7-3/4-inch Dyna-drill, drill 26-inch hole to a depth of 15 feet below ground level. A cellar four feet deep will be required. Drill mouse hole and rat hole using 12-1/4-inch bit and 7-3/4-inch Dyna-drill.
2. Run and cement 30 feet of 20-inch O.D., 52.73-pound, X-52 line pipe with 0.250-inch wall thickness as conductor casing. This will provide 15 feet of casing as drilling nipple. The bottom of the casing should be flared out to a maximum diameter of 22-inches. With the casing on the bottom and centered, cement the casing 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. casing in a 26-inch hole.
3. After a WOC time of 12 hours, drill and ream 17-1/2-inch hole using drilling mud to a depth of approximately 525 feet KBM.
4. Run and cement approximately 500 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 341 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 25 pounds gilsonite per sack of cement, 4 percent gel, and 3 percent calcium chloride. Tail-in with 100 sacks regular cement treated with 3 percent calcium chloride.

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Do not use the bottom casing wiper plug. 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 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 100 barrels of drilling mud prior to beginning cementing operations. Capacity of the 13-3/8-inch O.D. casing is 77 barrels. If lost circulation is encountered while drilling the surface hole, consideration should be given to using cementing baskets, higher percentage of excess cement and floeal in the cement.

5. After a WOC time of 36 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 2344 (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 40 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

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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 depth of 11,750 feet (7-inch O.D. casing will be run at first indication of hole trouble below 9500 feet). 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. Ten foot samples from below surface casing to 6000 feet will be collected by drilling contractor. 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>
Green River	Surface
Wasatch Formation	7720
Total Depth	11750

7. Run Schlumberger dual induction laterolog and borehole compensated sonic-gamma ray log from below surface casing to total depth. Run variable density and sidewall neutron logs over zones of interest.
8. Assume commercial quantities of gas and/or oil are present as indicated by 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 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 6000 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. The casing shoe and the bottom of 5 casing collars will be spot welded on the pipe rack. As the casing is being run, thread locking compound will be used in the casing collars of the first 5 joints of casing and the float collar. 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 900 tubing spool. Pressure test slip and seal assembly to 2500 psi for 5 minutes. The minimum collapse pressure for 7-inch O.D., 23-pound, S-95, 8 round thread, LT&C casing is 5650 psi.

11. Using crossover studs and a crossover (45-46) ring joint gasket, install a 6-inch Series 1500 hydraulically operated double gate preventer equipped with blind rams on bottom and 3-1/2-inch rams on top. Install a 6-inch Series 1500 Hydril preventer. Install a flow nipple. Hand wheels and extensions will be installed and operative at the time the preventers are

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installed. Lay down 4-1/2-inch drill pipe and pick up 3-1/2-inch drill pipe. After a WOC time of 40 hours, pressure test the 7-inch O.D. casing and all preventer rams to 3000 psi for 15 minutes using rig pump and drilling mud. The burst pressure rating of new 7-inch O.D., 23-pound, S-95, 8 round thread, LT&C casing is 7530 psi.

12. Using a 6-1/4-inch bit, drill out the cement and then drill ahead to the tentative total depth of 11,750 feet.
13. Run Schlumberger dual induction laterolog and borehole compensated sonic-gamma ray log from below 7-inch O.D. casing to total depth. Run variable density and sidewall neutron logs over zones of interest.
14. Assume commercial quantities of gas and/or oil are present as indicated by log analysis. Go into hole with 6-1/4-inch bit and drill pipe to total depth to condition mud prior to running 5-inch O.D. production liner. Pull bit laying down drill collars. Maximum weight should not exceed 11.0 ppg.
15. Run and cement approximately 2000 feet of 5-inch O.D., 18-pound, N-80 Extreme line thread casing as a liner (actual length will depend on the setting depth of the 7-inch O.D. production casing). The liner will be cemented with 50-50 Pozmiz "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 to the top of the liner hanger. Cement will be preceded with 200 gallons of Halco mud flush. Cement composition will consist of 2 percent gel, 18 percent salt, and 1-1/4 percent CFR-2 (fluid loss and friction reducer). A Baker regular float collar, a Baker regular float shoe, a drill pipe wiper plug and a 5-inch top wiper plug will be furnished as auxiliary equipment with the liner hanger. Do not rotate liner. Displace cement with drilling mud.

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16. Immediately after operations are completed, set the Burns lead pack-off liner hanger as per instructions of the Burns liner hanger representative and reverse out any excess cement. Back off setting tool and pull drill pipe out of hole. Install a steel plate on the 6-inch Series 900 tubing spool flange.
17. Release drilling rig and move off location.
18. Move in and rig up a completion rig.
19. Using crossover studs and a crossover (45-46) ring joint gasket, 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.
20. 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.
21. After a WOC time of at least 40 hours, pick up and run a 3-7/8-inch bit on 2-7/8-inch O.D., 6.4-pound, N-80, seal-lock thread tubing with special clearance couplings to check plugged back depth.
22. 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, S-95 casing, is 7530 psi and the wellhead has a working pressure of 3000 psi with a test pressure of 6000 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 in derrick.
23. Dependent on log analysis and mud logging unit record, drill stem tests may be taken through casing perforations using hook-wall packer.

8/11/70

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24. 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. 3 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.

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

<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
	<u>Conductor Casing</u>	
20-inch O.D., 52.73-pound, X-52, line pipe with 0.250-inch wall thickness	30	Rock Springs Whse.
	<u>Surface Casing</u>	
13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing	488	To be purchased
13-3/8-inch O.D., 54.5-pound, K-55, 8 round thread, ST&C casing	<u>37</u>	In Vernal yard
Total	525	
	<u>Production Casing</u>	
<u>(Top to Bottom in Well)</u>		
7-inch O.D., 23-pound, S-95, 8 round thread, LT&C casing	1,019	In Vernal yard
7-inch O.D., 23-pound, S-95, 8 round thread, LT&C casing	7,157	To be purchased
7-inch O.D., 26-pound, S-95, 8 round thread, LT&C casing	<u>2,055</u>	To be purchased
Total	10,231	

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<u>Description</u>	<u>Approximate Gross Measurement (feet)</u>	<u>Availability</u>
	<u>Production Liner</u>	
5-inch O.D., 18-pound, N-80, Extreme line thread	To be determined	To be purchased
	<u>Production Tubing</u>	
2-7/8-inch O.D., 6.4-pound, N-80, seal lock thread tubing with special clearance coupling	12,000	To be purchased

012

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO S. J. Fisher

DATE August 28, 1970

SUBJECT Supplement I to
Tentative Plan to Drill
Sink Draw Well No. 2
Duchesne County, Utah

Please make the additions and changes as shown on the attached supplement to your copy of the tentative plan to drill Sink Draw Well No. 2.

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)

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

ALLOTTEE _____
TRIBE Ute
LEASE NO. 14-20-462-1135

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Sink Draw

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 Co.

Salt Lake City, Utah 84111 Signed J. 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 24	3S	7W	2							Spud 9-6-70 6,976' Drilling

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 TRIPLI...
(Other instruction...
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
8

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE 24-38-7W, 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 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
1978' FNL, 1962' FEL SW NE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
- KB 6545.10' GR 6526'

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) Supplementary history

(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.)*

Depth 1315', drilling.
Spudded September 6, 1970.
Landed 494.71' net, 499.13' gross of 13-3/8"OD, 54.5#, K-55 casing at 513.81' and set with 441 sacks of cement, good returns to surface.

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

SIGNED

B. H. Craft

TITLE

Vice President,
Gas Supply Operations

DATE

September 15, 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 OR REVERSE SIDE
(Other instructions on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

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
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE 24-3S-7W., 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
1978' FNL, 1962' FEL SW NE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

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 3100', lost and regained circulation, drilling.

18. I hereby certify that the foregoing is true and correct
SIGNED B. H. 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 TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sink Draw

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SW NE 24-3S-7W., 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
1978' FNL, 1962' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

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>	
(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 6220', drilling.

18. I hereby certify that the foregoing is true and correct
SIGNED B. N. Croft TITLE Vice President, Gas Supply Operations DATE Sept. 29, 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

LAND OFFICE
LEASE NUMBER **14-20-442-1135**
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Wasatch** Field **High Draw**

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 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)
24	30	7W	2							Spud 9-6-70 9,900' Drilling

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 14-20-462-1135

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

1978' FNL, 1962' FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE 24-38-7W., 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 OR	
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 8029', drilling.

18. I hereby certify that the foregoing is true and correct
SIGNED B. W. Crofton 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:

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 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
SW NE 24-38-7W., 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
1978: FNL, 1962: FEL SW NE

14. PERMIT NO. - 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

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"/>
FRACUTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACUTURE 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	

(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 8735', drilling.

18. I hereby certify that the foregoing is true and correct
SIGNED B. H. Croft, Jr. 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:

From: P. J. Radman

Rock Springs, Wyoming

To: R. G. Myers

November 13, 1970

Tentative Plan to Complete
Sink Draw Well No. 2

The subject well was drilled to a total depth of 10,800 feet and 7-inch O.D. casing run and landed at 10,790 feet KBM and cemented with 1700 sacks of 50-50 Pozmix cement containing 2 percent gel, 18 percent salt, and 1-1/4 percent CFR-2. This amount of cement represents the actual volume as obtained from the Schlumberger caliper log plus 100 percent excess. The calculated cement top is 7000 feet KBM. Prior to cementing had approximately 25 percent circulation returns. Lost all returns while cementing and displacing cement. Approximate plug back depth is 10,750 feet KBM.

NOTE: The top of the 6-inch Series 900 tubing spool is 17.85 feet below KB.

1. Install a 6-inch Series 900 hydraulically operated double gate preventer equipped with blind rams on bottom and 2-7/8-inch tubing rams on top.
Install a 6-inch Series 900 companion flange tapped 7-inch O.D., 8 round thread and a drilling nipple.
2. Dump and clean mud tanks. Haul remainder of 9.9 ppg calcium chloride water (approximately 250 barrels) from Cedar Rim Well No. 3 and dump into mud tanks. Additional calcium chloride water will be mixed as needed.
3. After a WOC time of at least 50 hours, rig up Dresser Atlas and run the Neutron-Lifetime-CBL-GRN logs from plug back depth to 6000 feet KBM.
Note: Run the Neutron-Lifetime log at 10 feet per minute.
4. Phillips Petroleum Company will run a series of logs of their choice at this time.
5. Pick up a 6-inch bit, a Baker roto-vert casing scraper dressed for 7-inch O.D., 23 to 26-pound casing and run in hole. Check plug back depth. Clean out to 10,745 feet. Using rig pump, pressure test pipe rams and casing to 3000 psi for 15 minutes. Pull tubing, standing same in derrick. Fill hole and pressure test blind rams to 3000 psi for 15 minutes. The minimum internal yield for the lightest casing in hole, 7-inch O.D., 23-pound, S-95 casing, is

11/13/70

-2-

7530 psi and the wellhead has a working pressure of 3000 psi with a test pressure of 6000 psi.

6. Remove drilling nipple and install a Dresser Atlas 7-inch O.D. lubricator.
7. Pick up Dresser Atlas 4-inch O.D. jet retrievable carrier gun and perforate the following intervals with two NCF II jet shots per foot.

10,740 feet to 10,730 feet - 10 feet)
10,714 feet to 10,692 feet - 22 feet)
10,694 feet to 10,630 feet - 44 feet) Test No. 1
10,574 feet to 10,564 feet - 10 feet)

8. Remove lubricator and install drilling nipple. Pick up a Johnston positriev packer with multi-ball valve tester with outside recorder carrier, dressed for 7-inch O.D., 26-pound casing on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set packer at approximately 10,525 feet KBM. Run a short production test.
9. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 10,646 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 as follows:
 - A. Open multi-ball valve. Release packer. Fill tubing with 9.9 pound per gallon calcium chloride water.
 - B. Pump 63 barrels (2646 gallons) acid mixture down tubing to spot the acid. Reset packer.
 - C. Pump 2000 gallons acid mixture.
 - D. Pump 280 gallons gelled salt water mixed with 280 pounds TLC-80. Note: The calcium chloride water will be gelled with WG6.
 - E. Repeat Steps C and D, two different times.
 - F. Repeat Step C only.
 - G. Displace acid mixture with 63 barrels calcium chloride water. Immediately after acidizing, run production test until all the acid has been recovered. The shut-in period will be determined at the time the test is run. Do not exceed a surface pump pressure of 4000 psi.

11/13/70

-3-

10. Release packer. Pull out of hole.
11. Remove drilling nipple and install lubricator. Rig up Dresser Atlas and perforate the following intervals with two NCF II jet shots per foot.
 - 10,460 feet to 10,450 feet - 10 feet
 - 10,400 feet to 10,390 feet - 10 feet
 - 10,380 feet to 10,370 feet - 10 feet
12. Remove lubricator and install drilling nipple.
13. Pick up a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a "J-200" recorder and a 7 day clock, and a Johnston positrieve packer with multi-ball valve tester dressed for 7-inch O.D., 26-pound casing on the 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at 10,550 feet KBM. Set the packer at 10,500 feet KBM. Pressure test bridge plug to 2000 psi. Release packer, pull up and set packer at approximately 10,350 feet KBM. Run a short production test.
14. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 5000 gallons 15 percent hydrochloric acid containing 0.003 gallon 5N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon of acid as follows:
 - A. Open multi-ball valve, release packer, and fill tubing.
 - B. Pump 59 barrels (2478 gallons) acid mixture down tubing to spot acid across perforations. Reset packer.
 - C. Pump remainder of acid down tubing at approximately 2 barrels per minute. Displace acid with calcium chloride water at 2 barrels per minute. Do not exceed a surface pump pressure of 4000 psi.
 - D. Immediately after acidizing, run production test until all the acid has been recovered. The shut-in periods will be determined at the time the test is run.
15. Release packer, lower tubing and retrieve the bridge plug. Dependent on test conditions, the bridge plug may be pulled or reset at 10,330 feet KBM. Pull out of hole.

11/13/70

-4-

16. Remove drilling nipple and install lubricator.

17. Rig up Dresser Atlas and perforate the following intervals with two NCF II jet shots per foot.

10,280 feet to 10,270 feet - 10 feet
10,250 feet to 10,240 feet - 10 feet
10,190 feet to 10,180 feet - 10 feet
10,170 feet to 10,160 feet - 10 feet
10,136 feet to 10,126 feet - 10 feet
10,080 feet to 10,070 feet - 10 feet

18. Remove lubricator and install drilling nipple. Note: If the bridge plug was pulled out of hole in Step No. 13, pick up the Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a "J-200" recorder and a 7 day clock, and a Johnston positrieve packer with multi-ball valve tester dressed for 7-inch O.D., 26-pound casing on the 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing. Set the bridge plug at approximately 10,330 feet KBM. Set the packer at 10,300 feet and pressure test bridge plug to 2000 psi. Pull up and reset the packer at approximately 10,050 feet KBM. Run a short production test.

19. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 8000 gallons 15 percent hydrochloric acid containing 0.003 gallon 5N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon of acid as follows:

- A. Open multi-ball valve, release packer, and fill tubing.
- B. Pump 58 barrels (2436 gallons) acid mixture down tubing to spot acid. Reset packer.
- C. Pump 2000 gallons acid mixture.
- D. Pump 420 gallons gelled calcium chloride water mixture with 420 pounds TLC-80. Note: The calcium chloride water will be gelled with WG6.
- E. Pump remainder of acid mixture.
- F. Displace acid with 57 barrels calcium chloride water.

11/13/70

-5-

20. Immediately after acidizing, run production test until all acid has been recovered.
21. A continuation of this plan will be submitted after results of testing the above perforated intervals have been analyzed.

P 2
PMB

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming
CITY STATE

TO B. W. Croft

DATE November 13, 1970

SUBJECT Tentative Plan to Complete
Sink Draw Well No. 2

Attached for your information and files is a tentative plan to complete Sink Draw Well No. 2.

The Exploration Department furnished us with five zones of interest which have been obtained from Schlumberger logs and mud logs. The following are the five zones and the footage they recommend perforating.

- Zone 1
10,350 feet to 10,800 feet - Perforate 136 feet
- Zone 2
10,030 feet to 10,300 feet - Perforate 80 feet
- Zone 3
9,320 feet to 9,980 feet - Perforate 160 feet
- Zone 4
9,060 feet to 9,270 feet - Perforate 50 feet
- Zone 5
8,400 feet to 8,500 feet - Perforate 40 feet

The Exploration Department recommended perforating and testing each zone separately.

The attached tentative plan includes our recommendations of Zone 1 and Zone 2 and a supplemental plan will be distributed on the remaining three zones at a later date.

Zone 1

The Exploration Department recommended perforating the following intervals:

- 10,730 feet to 10,740 feet
- 10,692 feet to 10,714 feet
- 10,630 feet to 10,674 feet
- 10,564 feet to 10,574 feet
- 10,470 feet to 10,480 feet
- 10,450 feet to 10,460 feet
- 10,390 feet to 10,400 feet
- 10,370 feet to 10,380 feet
- 10,350 feet to 10,360 feet

I feel this is too large an interval to adequately evaluate with one test. We therefore recommend breaking the zone down to two intervals as follows and testing and acidizing separately.

2

10,730 feet to 10,740 feet)
10,692 feet to 10,714 feet) Test No. 1
10,630 feet to 10,674 feet)
10,564 feet to 10,574 feet)

10,450 feet to 10,460 feet)
10,390 feet to 10,400 feet) Test No. 2
10,370 feet to 10,389 feet)

We have deleted the intervals 10,470 feet to 10,480 feet and 10,350 feet to 10,360 feet from the Exploration Department's recommended perforations. I feel this is necessary to allow the maximum possible distance between the test intervals. In completing the three producing wells in the area, we have experienced vertical communication between perforations in excess of 200 feet in all cases. We therefore recommend a minimum of 100 feet between test intervals to minimize the chances of communication.

Zone No. 2

The Exploration Department recommend perforating the following intervals:

10,290 feet to 10,300 feet
10,270 feet to 10,280 feet
10,240 feet to 10,250 feet
10,180 feet to 10,190 feet
10,160 feet to 10,170 feet
10,126 feet to 10,136 feet
10,070 feet to 10,080 feet
10,040 feet to 10,050 feet

I recommend deleting the perforations 10,290 feet to 10,300 feet and 10,040 feet to 10,050 feet which will give 90 feet between Test No. 2 and Test No. 3.

Based on our experience in this area with vertical communication through the formations, I do not feel deleting the four sets of perforations in Zone 1 and Zone 2 will have any effect on evaluating the zones as recommended by the Exploration Department.

RGM/gm

Attachment

cc: J. T. Simon
B. W. Croft
L. A. Hale (6)
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)

SALT LAKE TRIBUNE
DECEMBER 4, 1970

MFS Drills Oil Well in E. Utah

Mountain Fuel Supply Co. completed its fourth oil well in 12 months in the Cedar

Rito-Sink Draw area of eastern Utah. M. M. Fiddler, president, announced.

The completion is the Sink Draw Well No. 2 which flowed 634 barrels a day during a 19-hour test at intervals between 10,537 and 10,749 feet in the Wasatch formation.

The test was made through a one-inch choke with a flowing tubing pressure of 100 pounds a square inch and casing pressure of 525 pounds a square inch.

5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THIS ORIENTATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R142

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE 24-3S-7W., 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
1978' FNL, 1962' FEL SW NE

14. PERMIT NO. -

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

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

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

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

TD 10,800', PBD 10,360', rig released November 30, 1970.
Landed 7" casing at 10,790.15' KBM and set with 1700 sacks of cement, perforated the following intervals with 2 holes per foot: 10,749-10,739', 10,723-10,701', 10,683-10,639', and 10,583-10,573', tested, recovered 270' water, acidized with 10,646 gallons 15% HCL, flowed and died, swabbed and recovered total 278 barrels acid water.
Perforated with 2 holes per foot: 10,470-10,460', 10,410-10400', and 10,390-10,380', recovered 126 barrels water, acidized with 5000 gallons 15% HCL, flowed and swabbed recovering 202 barrels water, set cast iron bridge plug at 10,360' KBM, perforated with 2 holes per foot: 10,288-10,278', 10,258-10,248', 10,198-10,188', 10,178-10,168', 10,144-10,134' and 10,088-10,078', flowed 325 barrels of oil in 11 hours, acidized with 8000 gallons 15% HCL, made 19 swab runs and recovered 205 barrels of fluid and began flowing making 697 barrels of oil and 285 barrels of water in 22 hours.
Landed 2-7/8" tubing at 10,021.09' KBM and 2-3/8" tubing at 9984.10' KBM, made 82 swab runs recovering 427 barrels of fluid and well began flowing, flowed 598 barrels of oil through 1" choke in the last 24 hours, FTP 100, CP 525.

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

SIGNED B. W. Crofton TITLE Vice President, Gas Supply Operations DATE Dec. 17, 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 DUPLICATE*

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME
-

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat - Wasatch

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
SW NE 24-3S-7W., U.S.M.

12. COUNTY OR
PARISH
Duchesne

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVR 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 1978' FNL, 1962' FEL SW NE
At top prod. interval reported below
At total depth

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 9-6-70 16. DATE T.D. REACHED 11-10-70 17. DATE COMPL. (Ready to prod.) 11-30-70 18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* KB 6545.10' GR 6526' 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 10,800 21. PLUG, BACT T.D., MD & TVD 10,360 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-10,800' CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,078-10,088', 10,134-10,144', 10,168-10,178', 10,188-10,198', 10,248-10,258', 10,278-10,288' - Wasatch
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Laterolog, Borehole Comp. Sonic, Neutron Lifetime, Acoustic Cement Bond, Gamma Ray-Neutron 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	513.81	17-1/2	441	0
7	23 & 26	10,790.15	8-3/4	1700	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	10,021.09	
2-3/8	9,984.10	

31. PERFORATION RECORD (Interval, size and number)

All jet, 2 holes per foot: 10739-10749', 10701-10723', 10639-10683', 10573-10583', 10380-10390', 10400-10410', 10460-10470', 10278-10288', 10248-10258', 10188-10198', 10178-10168', 10144-10134', 10088-10078'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10573-10749	10,646 gals 15% HCL
10380-10470	5000 gals 15% HCL
10078-10288	8000 gals 15% HCL

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/29-30/70	24	1"	→	598	450	0	752:1

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
100	525	→	598	450	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 and 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

SIGNED B. N. Croft TITLE Vice President, Gas Supply Operations DATE Dec. 17, 1970

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

PI 210

COMPLETION REPORT

Well: Sink Draw #2 Date: January 11, 1971

Area: Sink Draw Lease No: Ute Tribal 14-20-462-1135

New Field Wildcat Development Well Shallower Pool Test

New Pool Wildcat Extension Deeper Pool Test

Location: 1978 feet from north line, 1962 feet from east line
SW $\frac{1}{4}$ NE $\frac{1}{4}$

Section 24, Township 3 South, Range 7 West

County: Duchesne State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 6545.10 Gr 6526 Total Depth: Driller 10,800 Log 10,627

Drilling Commenced: September 6, 1970 Drilling Completed: November 10, 1970

Rig Released: November 30, 1970 Well Completed: November 30, 1970

Sample Tops: (unadjusted)

Log Tops:

Wasatch 7742'

Wasatch 7745'

Sample Cuttings: 10' Wet 5500' to 10,800' Logged and caught by
10' Dry 5500' to 10,800' Dolco Geo Engineering

Status: Oil well

Producing Formation: Wasatch

Perforations: 10,078'-10,088'; 10,134'-10,144', 10,168'-10,178'; 10,188'-10,198';
10,248'-10,258' and 10,278'-10,280' all with 2 hole/ft.

Stimulation: 8,000 gal 15% HCl containing 0.003 gal. 5N, 0.003 gal LP-55 and
0.001 gal. inhibitor per gal. acid

Production: IP 598 BOPD; 450 MCFGPD

Plug Back Depth: 10,360'

Plugs: Cast Iron Bridge Plug located 10,360'

Hole Size: 17-1/2" from surface to 520', 8-3/4" from 520'-10,800'

Casing/Tubing: 7" OD from surface to 10,790.15' (casing); one string 2-7/8" landed at
10,021.09' and one string 2-7/8" landed at 9984.10' (tubing)

Logging - Mud: Dolco Geo Engineering 5500' to 10,800'

Mechanical: DIL and BHC-GR (Schlumberger); Neutron Lifetime (Dresser)

Contractor: Loffland Brothers; Lee Martin - pusher

Completion Report Prepared by: J. Golden

Remarks: Perforations below cast iron bridge plug located at 10,360', all with 2 hole/ft.

10,739'-10,749'	10,380'-10,390'
10,701'-10,723'	10,400'-10,410'
10,639'-10,683'	10,460'-10,470'
10,573'-10,583'	

6

COMPLETION REPORT (cont.)

Well: Sink Draw #2

Area: Sink Draw

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	10,508-10,751	5447	189-189 (30 min)	231 (60 min)	210-210 (120 min)	314 (120 min)			5447	Rec. 270' water (res. 0. at 68° F.); pit water (res. 0.95 at 68° F.)
2	Acidized 10,508-10,751	5396	79-79-6762 (404 min)	2293 (40 min)	5148 Flowing acid (335 min)	5355 (120 min)	5148-1879(18 swabs) (360 min)		5396	Rec. 5670' spent acid water 33 barrels oil, 18 swab runs 38 barrels acid water to rec.
3	10,240-10,520	5393	638-638 (30 min)	1134 (60 min)	1051-1258 (swabbed 3 bbls fluid) (150 min)		5086-1279 (Swabbed 123 bbls fluid acidized) (15 hr)			39 swab runs - 126 bbls water acidized; 30 swab runs - 202 acid water
			<u>4th Flow (time)</u> 5132-5111 (flowed 75 bbls fluid) (240 min)		<u>5th Flow (time)</u> 5111-224 (Swabbed 127 bbls fluid) (15 hr)		<u>FSI (time)</u> 5127 (140 min)		5293	Rec. 1800' CaCl water
4	10,029-10,324	3132	512-2761 (30 min)	4482 (60 min)	2845-3034 (105 min)	3873 (120 min)	3894-6978-3307 (acidized) (48 hr)	4461 (120 min)	4880	Well flowed 325 bbls oil- acidized; 19 swab runs rec. 205 bbls G & OCW; well 697 bbls oil and 285 bbls acid water

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sink Draw

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Cedar Rim - Wasatch

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

SW NE 24-3S-7W., U.S.M.

14. PERMIT NO.

-

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

KB 6545.10' GR 6526'

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

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Additional perforations

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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 10,800', PBD 10,360', presently producing from 10,078' to 10,288' in Wasatch formation.

We would like your approval to perforate the following Wasatch intervals with 1 hole per foot: 9068'-9218', 9330-9616', and 9722-9924'. If necessary we plan to apply an acid treatment to these perforations.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 7-13-71

BY *CB Feight*

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

SIGNED

B. H. Croft

TITLE

Vice President,

Gas Supply Operations

DATE

July 8, 1971

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RULE C-20

REPORTING OF FRESH SANDS.

It shall be the duty of any person, operator or contractor drilling an oil or gas well or drilling a seismic, core or other exploratory hole to report to this office all fresh water sands encountered; such report shall be in writing and give the location of the well or hole, the depth at which the sands were encountered and the thickness of such sands, and the rate of flow of water if known.

If no fresh water sands are encountered, it is requested that a negative report to that effect be filed.

DEC 16 1951

4

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO B. W. Croft

DATE July 15, 1971

SUBJECT Tentative Plan to Perforate
and Test Additional Zones
Sink Draw Well No. 2

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

The estimated cost to accomplish this work is \$38,665.00, of which \$36,685.00 is for new purchases, contracts, and services, and the remaining \$1,980.00 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)

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

July 15, 1971

Tentative Plan to Perforate
and Test Additional Zones
Sink Draw Well No. 2

The subject well was drilled to a total depth of 10,800 feet and 7-inch O.D. casing set at 10,790 feet KBM. The well was completed, producing oil from five sets of Wasatch perforations between 10,078 feet and 10,288 feet. Initial production amounted to 623 barrels oil and 450 MCF gas per day. Production has declined to 138 barrels oil and 19 barrels water per day during May 1971.

The following is a plan to perforate three zones between 9068 feet and 9924 feet and test and acidize the three zones separately.

I recommend perforating three intervals with 100 foot + blank spaces between perforations. This will allow for individual evaluation and treatment.

NOTE: Zero is 17.00 feet above the 6-inch Series 900 Cameron DCB tubing spool.

1. Rig up a contract workover rig.
2. Fill two 400 barrel storage tanks with fresh water. Using a Halliburton pump truck, mix 800 barrels 10 pound per gallon calcium chloride water. Approximately 80,000 pounds will be required.
3. Surface Kobe hydraulic pump and send to Kobe for repairs.
4. Using rig pump, displace the oil from the 2-3/8-inch and the 2-7/8-inch tubing strings by pumping down the 2-7/8-inch tubing and out the 2-3/8-inch. Approximately 97 barrels will be required. Pump 200 barrels 10 ppg calcium chloride water down the annulus.
5. With the well dead, remove the upper portion of the wellhead down to the 6-inch Series 900 Cameron DCB tubing spool. Install a 6-inch Series 1500 double gate preventer with blind rams on bottom and 2-3/8-inch offset tubing rams on top. Pull the 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing, standing same in derrick.

6. Install 2-7/8-inch tubing rams in preventer. Pull the 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing and lay down the Kobe bottom hole assembly.
7. Run a Johnston Bobcat bridge plug dressed for 7-inch O.D., 26-pound casing with a J-200 recorder and a 7 day clock below the bridge plug, on 2-7/8-inch seal lock tubing. Set bridge plug at 10,000 feet KBM. Circulate the wellbore with 10 ppg calcium chloride water to remove all gas and oil. Using rig pump, pressure test bridge plug to 2000 psi. Pull tubing, standing same in derrick.
8. Rig up Dresser Atlas lubricator and perforate the following zones with one Golden Jet shot per foot.

9068 feet to 9218 feet	Interval No. III
9330 feet to 9616 feet	Interval No. II
9722 feet to 9924 feet	Interval No. I

Measurements are from the Dresser Atlas cement bond PFC log dated 11-13-70.

Record surface pressure.

9. Pick up a multi-ball valve, a Johnston positrieve packer, two outside recorders, and a bridge plug retrieving tool. Run on 2-7/8-inch O.D. seal lock tubing. Set packer at 9675 feet. Run short production test. Note: If production is indicated, proceed to Step 12. If no production is indicated, proceed to Step 10.
10. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 3000 gallons 15 percent hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55 and 0.001 gallon inhibitor per gallon of acid as follows:
 - a. Open multi-ball valve.
 - b. Pump 3000 gallons acid down tubing at 2 barrels per minute. Maximum pressure, 4000 psi.
 - c. Displace acid with 56 barrels Dry Piney crude oil.

11. Immediately after the acid is in place, run production test. Note: Be prepared to swab.
12. After the 9722 foot to 9924 foot interval has been evaluated, close ball valve. Release packer and lower tubing to the top of the bridge plug. Release the bridge plug and re-set at 9675 feet. Set packer at 9650 feet. Open ball valve. Using calcium chloride water, fill tubing and pressure test bridge plug to 2000 psi. Release packer and pull to 9300 feet. Circulate wellbore with calcium chloride water to remove all gas and oil. Displace water from the tubing with Dry Piney crude oil. Approximately 53 barrels will be required. Set packer at 9300 feet. Run short production test. Be prepared to swab. Note: If production is indicated, proceed to Step 15. If no production is indicated, proceed to Step 13.
13. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 6000 gallons 15 percent hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon of acid as follows:
 - a. Open multi-ball valve.
 - b. Pump 6000 gallons acid down tubing at 2 barrels per minute. Maximum surface pressure, 4000 psi.
 - c. Displace acid with 53 barrels Dry Piney crude oil.
14. Immediately after the acid is in place, run a production test. Be prepared to swab.
15. After the 9330 foot to 9616 foot interval has been evaluated, close ball valve. Release packer and lower tubing to the top of the bridge plug. Retrieve bridge plug and re-set at 9300 feet. Set packer at 9275 feet.

Open ball valve and pressure test the bridge plug to 2000 psi. Release packer and pull to 9025 feet. Circulate wellbore with calcium chloride water to remove the oil and gas from the water. Displace water in the tubing with 52 barrels Dry Piney crude oil. Set packer at 9025 feet.

Run a short production test. Be prepared to swab. Note: If production is indicated, proceed to Step 18. If no production is indicated, proceed to Step 16.

16. Rig up a Halliburton pump truck to the 2-7/8-inch O.D. tubing. Acidize with 4000 gallons 15 percent hydrochloric acid containing 0.003 gallon 5-N, 0.002 gallon LP-55, and 0.001 gallon inhibitor per gallon of acid as follows:
 - a. Open multi-ball valve.
 - b. Pump 4000 gallons acid down tubing at 2 barrels per minute. Maximum surface pressure, 4000 psi.
 - c. Displace acid with 52 barrels Dry Piney crude oil.
17. Immediately after the acid is in place, run a production test. Be prepared to swab.
18. After the 9068 foot to 9218 foot interval has been evaluated, release the packer. Circulate the wellbore with calcium chloride water to remove all gas and oil. Lower tubing and retrieve the bridge plug. Pull tubing and lay down the bridge plug and test tool.
19. Run a Kobe 2-1/2-inch parallel string bottom hole assembly on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing with special clearance couplings. Land tubing at approximately 10,000 feet KBM on a Cameron DCB tubing hanger.
20. Run a Kobe landing spear on 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing. Land spear in bottom hole assembly. Land tubing on a DCB hanger in 8000 psi compression.
21. Install original wellhead. Drop a Kobe 2-1/2-inch by 1-7/16-inch by 1-7/16-inch hydraulic pump. Release workover rig.

Sink Draw Well No. 2
Details of 2-3/8-inch O.D. Tubing
December 2, 1970

	<u>Net</u>
1 Cameron DCB split hanger tapped 2-3/8-inch seal lock on bottom and 2-3/8-inch Hydril on top	0.85
1 2-3/8-inch O.D., 4.6-pound, J-55 seal lock pup joint	7.86
1 2-3/8-inch O.D., 4.6-pound, J-55 seal lock pup joint	3.36
1 2-3/8-inch O.D., 4.6-pound, J-55 seal lock pup joint	3.33
326 jts. 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing with special clearance couplings	9939.89
1 2-3/8-inch seal lock by 1.660-inch 10 round swage nipple	0.39
1 1.660-inch O.D., 2.4-pound, J-55, 10 round pup joint	10.00
1 Kobe spear	<u>1.48</u>
Total	9967.10

Above tubing landed at 9984.10 feet KBM or 17.00 feet below KB in a Cameron 6-inch Series 900 DCB tubing head. Landed tubing in 10,000 pounds compression.

Sink Draw Well No. 2
Details of 2-7/8-inch O.D. Tubing
December 2, 1970

	<u>Net</u>
1 Cameron DCB split tubing hanger tapped 2-7/8-inch seal lock on bottom and 2-7/8-inch Hydril on top	0.85
337 jts. 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing with special clearance couplings	9959.37
1 2-7/8-inch seal lock by 2-7/8-inch EUE change collar	0.58
1 Kobe 2-7/8-inch bottom hole assembly	18.83
1 2-7/8-inch 8 round EUE gas anchor	8.00
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round, EUE pup joint	8.08
1 2-7/8-inch O.D., 6.5-pound, J-55, 8 round, EUE pup joint	8.04
1 2-7/8-inch O.D., 8 round EUE bull plug	<u>0.04</u>
Total	10,004.09

Above tubing landed at 10,021.09 feet KBM or 17.00 feet below KB in a Cameron 6-inch Series 900 DCB tubing head.

Not Drawn to Scale
 Drilled by Rotary
 by MFS Co 1970

PRESENT STATUS DRAWING
 SINK DRAW WELL NO 2
 SW NE 24-35-7W USM
 DUCHESNE CO UTAH

12-2-70 PJB

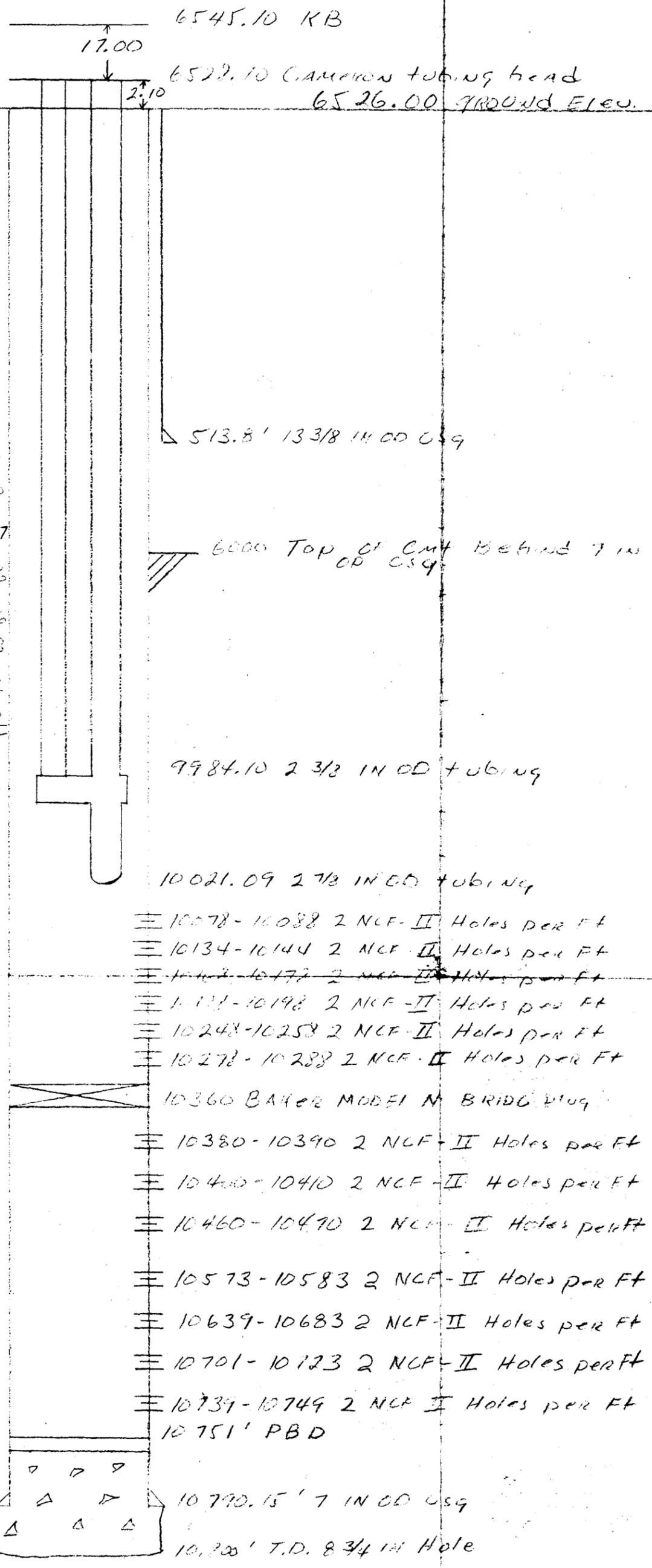
13 3/8 IN OD CASING
 1 NSCO 12 IN SERIES 900 TYPE B
 SLIP ON CSG FLANGE NET 1.50
 1 PC 13 3/8 IN OD 61 POUND K-55
 8 ROUND ST&C CSG 0.83
 13 JTS 13 3/8 IN OD 54.5 POUND
 K-55 8 ROUND ST&C CSG 491.28
 1 HAICO 13 3/8 IN GUIDE SHOE 1.10

ABOVE CSG LANDED AT 513.81 494.71
 FEET KBM OR 19.10 FT BELOW KB
 TOP & BOTTOM OF THE COLLARS ON FIRST
 4 & LAST 4 JTS SPOT WELDED. CMT WITH
 341 SKS REG CMT TREATED WITH 25 POUNDS
 GILSONITE PER SK, 4% GEL, 3% CAEL
 FOLLOWED WITH 100 SKS REG CMT WITH 3%
 CAEL. DISPLACED WITH 815 BBL WATER

7 IN OD CASING
 1 PC 7 IN OD 23 POUND ARHCO-95 NET 14.00
 8 ROUND LT&C CSG
 217 JTS 7 IN OD 23 POUND ARHCO-95
 8 ROUND LT&C CSG 7562.57
 1 FLAG JT 7 IN OD 26 POUND ARHCO
 95 8 ROUND LT&C CSG 19.46
 77 JTS 7 IN OD 26 POUND ARHCO
 95 8 ROUND LT&C CSG 3129.96
 1 BAKER 7 IN FRONT COLLAR 1.48
 1 JT 7 IN OD 26 POUND ARHCO
 95 8 ROUND LT&C CSG 41.92
 1 BAKER 7 IN FRONT SHOE 1.66

ABOVE CSG LANDED AT 10790.15 10771.05
 FEET KBM OR 19.10 FEET BELOW
 KB IN A NSCO 12 IN SERIES 900 REG
 CSG FLANGE. BROKE CMT STRING 1500' WHITE
 RUNNING CMT. Full Returns at 1100'
 3000', 4500', 6000', 5000' Returns at
 7500', 2500' at 10000'. Reconnected cmt
 with 1000 gal mud flush. Cmt with
 1700 SKS 50-50 Poz mix treated
 with 2% gel, 1% salt, 1% CR-2
 NO Returns white cmt & displacing
 Displaced with 418 BBL 9.9 PP9
 CAEL WATER. Bumped plug with
 3000 PSI. Landed in string with weight
 weight of 150,000 pounds. Installed
 TYPE B 12 IN SERIES 900 6 1/2 IN
 SERIES 900 TUBING SPOOL

See Attached For Details of
 Both tubing strings



4

JMB

INTEROFFICE COMMUNICATION

R. G. MYERS

FROM R. G. Myers

Rock Springs, Wyoming

CITY

STATE

TO B. W. Croft

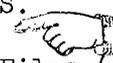
DATE August 20, 1971

SUBJECT Revised Tentative Plan to Perforate
and Test Additional Zones
Sink Draw Well No. 2

Attached for your information and files is a revised tentative plan to complete the above-captioned operation. This plan has been revised in order to complete the well by perforating the desired zones and eliminate testing and possibly acidizing individual zones. This method would result in a much less expensive completion.

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)

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

August 20, 1971

Revised Tentative Plan to Perforate
and Test Additional Zones
Sink Draw Well No. 2

The subject well was drilled to a total depth of 10,800 feet and 7-inch O.D. casing set at 10,790 feet KBM. The well was completed, producing oil from five sets of Wasatch perforations between 10,078 feet and 10,288 feet. Initial production amounted to 623 barrels of oil and 450 Mcf gas per day. Production has declined to 115 barrels of oil and 18 barrels of water per day during July 1971.

The following is a plan to perforate three zones between 9068 feet and 9924 feet.

NOTE: Zero is 17.00 feet above the 6-inch Series 900 Cameron DCB tubing spool.

1. Rig up a contract workover rig.
2. Fill two 400 barrel storage tanks with fresh water. Using a Halliburton pump truck, mix 800 barrels 10.4 pound per gallon calcium chloride water. Approximately 80,000 pounds will be required.
3. Surface Kobe hydraulic pump and send to Kobe for repairs.
4. Using rig pump, displace the oil from the 2-3/8-inch and the 2-7/8-inch tubing strings by pumping down the 2-7/8-inch tubing and out the 2-3/8-inch. Approximately 97 barrels will be required. Pump 200 barrels 10 ppg calcium chloride water down the annulus.
5. With the well dead, remove the upper portion of the wellhead down to the 6-inch Series 900 Cameron DCB tubing spool. Install a 6-inch Series 1500 double gate preventer with blind rams on bottom and 2-3/8-inch offset tubing rams on top. Pull the 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing, standing same in derrick.
6. Install 2-7/8-inch tubing rams in preventer. Circulate wellbore with 10.4 ppg calcium chloride water to remove all oil and gas. Pull the 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing and lay down the Kobe bottom hole assembly.

7. Rig up Dresser Atlas lubricator and perforate the following zones with one Golden Jet shot per foot.

<i>9070 - 9450</i>	9068 feet to 9218 feet	Interval No. III
	9330 feet to 9616 feet	Interval No. II
<i>9500 - 10,000</i>	9722 feet to 9924 feet	Interval No. I

Measurements are from the Dresser Atlas cement bond PFC log dated 11-13-70.

Record surface pressure.

8. Run a Kobe 2-1/2-inch parallel string bottom hole assembly on 2-7/8-inch O.D., 6.4-pound, N-80 seal lock tubing with special clearance couplings. Land tubing at approximately 10,000 feet KBM on a Cameron DCB tubing hanger.
9. Run a Kobe landing spear on 2-3/8-inch O.D., 4.6-pound, J-55 seal lock tubing. Land spear in bottom hole assembly. Land tubing on a DCB hanger in 8000 psi compression.
10. Install original wellhead. Drop standing valve. Pressure test both tubing strings and standing valve to 2000 psi. Drop a Kobe 2-1/2-inch by 1-7/16-inch by 1-7/16-inch hydraulic pump. Release workover rig.

INTEROFFICE COMMUNICATION

FROM T. M. Colson Rock Springs Wyoming
CITY STATE
TO R. G. Myers DATE August 25, 1971

SUBJECT Revised Tentative Plan to
Perforate and Test Additional Zones
Sink Draw Well No. 2

Please make the following revisions to the Revised Tentative Plan to Perforate and Test Additional Zones - Sink Draw Well No. 2 dated August 20, 1971.

Reads

7. Rig up Dresser Atlas lubricator and perforate the following zones with one golden jet shot per foot.

9068 feet to 9218 feet Interval No. III
9330 feet to 9616 feet Interval No. II
9722 feet to 9924 feet Interval No. I

Measurements are from the Dresser Atlas cement bond PFC log dated 11/13/70. Record surface pressures.

Change to Read

7. Rig up Dresser Atlas lubricator and perforate the following zones with one golden jet shot per foot.

9070 feet to 9450 feet
9500 feet to 10,000 feet

Measurements are from Dresser Atlas cement bond PFC log dated 11/13/70. Record surface pressures.

TMC/ab

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)

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 14-20-462-1135

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 1978' FNL, 1962' FEL SW NE</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal</p> <p>7. UNIT AGREEMENT NAME -</p> <p>8. FARM OR LEASE NAME Sink Draw</p> <p>9. WELL NO. 2</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 24-3S-7W., U.S.M.</p>
<p>14. PERMIT NO. -</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 6545.10' GR 6526'</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>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.)*

Rigged up contract work over unit on 8-30-71, perforated from 10,000' to 9500' with 1 hole per foot, perforated from 9450' to 9070' with 1 hole per foot, landed 2-7/8" tubing at 10,030.30', landed 2-3/8" tubing at 9956.59', pressure tested both tubing strings to 2000 psi, held good, shut down for night.

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

SIGNED B. W. Croft TITLE Vice President, Gas Supply Operations DATE Sept. 7, 1971

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Ute Tribal 14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

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

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
SW NE 24-3S-7W., 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

1978' FNL, 1962' FEL SW NE

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 6545.10' GR 6526'

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.)*

Pumped 233 barrels of oil and 51 barrels of water per day, gas 227 Mcf, from Wasatch perforations.

FINAL REPORT.

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

SIGNED

B.W. Cropper

TITLE

Vice President,
Gas Supply Operations

DATE Sept. 13, 1971

(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 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 $\frac{1}{4}$
<u>Cedar Rim Well No. 3</u>	<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

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

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. 14-20-462-1135
2. NAME OF OPERATOR Koch Exploration Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal
3. ADDRESS OF OPERATOR P. O. Box 2256 Wichita, KS 67201		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 1978' FNL, 1962' FEL, SW NE		8. FARM OR LEASE NAME Sink Draw
14. PERMIT NO. 30050		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Cedar Rim
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SW NE Sec.24-3S-7W, USM
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 T.A. 4-24-85.		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

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

WELL T.A. 4-24-85.

Place well in SI status until additional information is rec'd.
- IRB

Pam,
Plz. write
TA/SI info.
letter. Thanks
IRB

RECEIVED

MAY 02 1985

DIVISION OF OIL
GAS & MINING

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

SIGNED Orvall L. Schmidt TITLE Vice-President Operations DATE April 24, 1985
Orvall L. Schmidt

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



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

May 12, 1985

Koch Exploration Company
P O Box 2256
Wichita, Kansas 67201

Gentlemen:

Re: Well No. Sink Draw #2 - Sec. 24, T. 3S., R. 7W.,
Duchesne County, Utah - API #43-013-30050

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/88

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

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>RECEIVED MAY 21 1985 DIVISION OF OIL GAS & MINING</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-462-1135</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Tribal</p>
<p>2. NAME OF OPERATOR KOCH EXPLORATION COMPANY</p>		<p>7. UNIT AGREEMENT NAME</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 2256, Wichita, KS 67201</p>		<p>8. FARM OR LEASE NAME Sink Draw</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1978' FNL, 1962' FEL, SW NE</p>		<p>9. WELL NO. 2</p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT Cedar Rim</p>
<p>15. ELEVATIONS (Show whether OF, RT, OR, etc.)</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW NE Sec. 24-3S-7W</p>
<p>12. COUNTY OR PARISH</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 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.)

Change well status from TA on 4-24/85 to shut-in

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

SIGNED *O. L. Schmidt* TITLE Vice Pres. Prod/Oper DATE 5/16/85
O. L. Schmidt

(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

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

1978' FNL, 1962' FEL, SW NE

14. PERMIT NO. 30050
NA 43.013.30050

15. ELEVATIONS (Show whether OF, RT, OR, etc.)
KB 6545.10' GR 6526'

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE Sec. 24-3S-7W, US

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input 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.)

PLAN TO P&A WELL AS FOLLOWS:

1. Set CIBP at 9050' w/25 sx reg. cmt. on top.
2. Cut 7" csg. off as deep as possible.
3. Plug No. 2 100' below & 100' above the cut off jt.
4. Plug No. 3 600' to 400' by displacement (surf. csg. at 514').
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 Orville 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 _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

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

DATE: 7-9-86
BY: John R. Bese

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

12203
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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.

14-20-462-1135

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sink Draw

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Cedar eRim

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

SW-NE Sec. 24-3S-7W USM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

1978' FNL, 1962' FEL, SW- NE

14. PERMIT NO.

43-013-30050

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

KB 6545.10', GR 6526'

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 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

1. Set CIBP @ 9410', fouled up on tbg. tally, with 25 sks on top.
2. Spotted 35 sks on top of fish @ 8700'.
3. Perf. 7" csg. @ 3010', set retainer @ 2990' , squeezed out 35 sks, with 10 sks on top of retainer.
4. Perf. 7" csg. @ 514' , set retainer @ 490' , squeezed out 125 sks, with 10 sks on top of retainer.
5. 10 sk plug @ 52' to surface in 7" csg.
6. 25 sks between 7" & 13 3/8" appr. 50'.
7. All spaces between plugs filled with 9.0# fresh water mud.
8. Cut off well head, welded on 1/2" plat, ~~XXXXXX~~ Marker installed.
9. Dirt work will be done @ later date, to owner wishes.
10. See attached sheet as to work performed.

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

SIGNED

E.C. Matteson

TITLE Supt.

DATE 11-8-86

(This space for Federal or State office use)

APPROVED BY

David R. 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

*See Instructions on Reverse Side

DATE: 12-21-86

SINK DRAW #2 Lse. #14-20-462-1135
Sec. 24-3S-7W, USM Duchesne County, Utah

- 10-10-86 - R.U.P.U.
- 10-13-86 - Bleed off pressure. Remove well head, install B.O.P. Picked up on 2 3/8' tbg., tbg. free. Trip out laying down tbg. Changed tools & rams for 2 7/8' tbg. S.D.F.N.
- 10-14-86 - Trip out tbg. & cavity. Trip in CIBP on tbg., hit tight spot, unable to move plug, had to set @ 9410'. (Fouled up on tbg. tally) Spotted 25 sks on top of plug. While pulling up, got stuck @ 8735' with setting tool. Unable to circulate tbg. with 1000# pressure. S.D.F.N.
- 10-15-86 - Rigged up Dia-Log, free pointed, tbg. free @ 8706', unable to get below 8735', with free point tool. Ran jet shot, shot tbg. off @ 8700', tbg. free. Left setting tool & 25' of tbg. in hole. Spotted 200 bbls 9.0# mud @ 8700' Spotted 35 sks cement on top fish @ 8700' Trip out, laid down 5700' of tbg., completed trip out. S.D.F.N.
- 10-16-86 - Perf. 7" csg. @ 3010'. Trip in retainer, set @ 2990'. Squeezed out 35 sks, spotted 10 sks on top of retainer @ 2990'. Spotted 95 bbls 9.0# mud 2900' to 500'. Trip out, laid down all but 15 jts. Perf 7" csg. @ 514'. Trip in with retainer, set @ 490'. Squeezed out 125 sks, spotted 10 sks on top of retainer @ 490'. Spotted 20 bbls. (.0# mud @ 400' to surface. Trip out, laid down remainder tbg. R.D.P.U.
- 10-29-86 - Cut off well head. Spotted 10 sks cement in 7" csg. Spotted 25 sks in annulus between 7" & 13 3/8" csg. W.O.C. 24 hrs.
- 10-30-86 - Welded on 1/2" plat & marker.

E.C. Matteson

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.