FILE NOTATIONS

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

Checked by Chief P.W.B.
Approval Letter 7-12-73
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 8-10-73

Location Inspected .....

Bond released
State or Fee Land .....

OW..... WW..... TA.....
GW..... OS..... PA..... ✓

LOGS FILED

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

Form DOGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.
State of Utah ML-28176

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name
-

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name
-

b. Type of Well
Oil Well [ ] Gas Well [X] Other Wildcat Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name
Milk Ranch

2. Name of Operator
Mountain Fuel Supply Company

9. Well No.
1

3. Address of Operator
P. O. Box 1129, Rock Springs, Wyoming 82901

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
660' FNL, 560' FEL NE NE

11. Sec., T., R., M., or Blk. and Survey or Area
NE NE 32-37S-20E., S.L.M.

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
36 miles southwest of Monticello, Utah

12. County or Parrish 13. State
San Juan Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)	560' / -	16. No. of acres in lease	640	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	3500'	20. Rotary or cable tools	Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
GR 6029' ungraded

22. Approx. date work will start*
July 17, 1973

23.
PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2	13-3/8	48	650	777 sacks
8-3/4	7	23	3500	to be determined

We would like to drill the subject well to an estimated depth of 3500', anticipated formation tops are as follows: Cedar Mesa at the surface, Hermosa at 600', Honaker Trail at 900', Paradox (Ismay zone) at 2000', Desert Creek zone at 2200', Barker Creek zone at 2350', Alkali Gulch zone at 2700', Pinkerton Trail at 2800', Molas at 3000', and Leadville at 3100'.

Mud will be adequate to contain formation fluids and blow out preventers will be checked daily.

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 BW Croft Title Vice President, Gas Supply Operations Date July 11, 1973

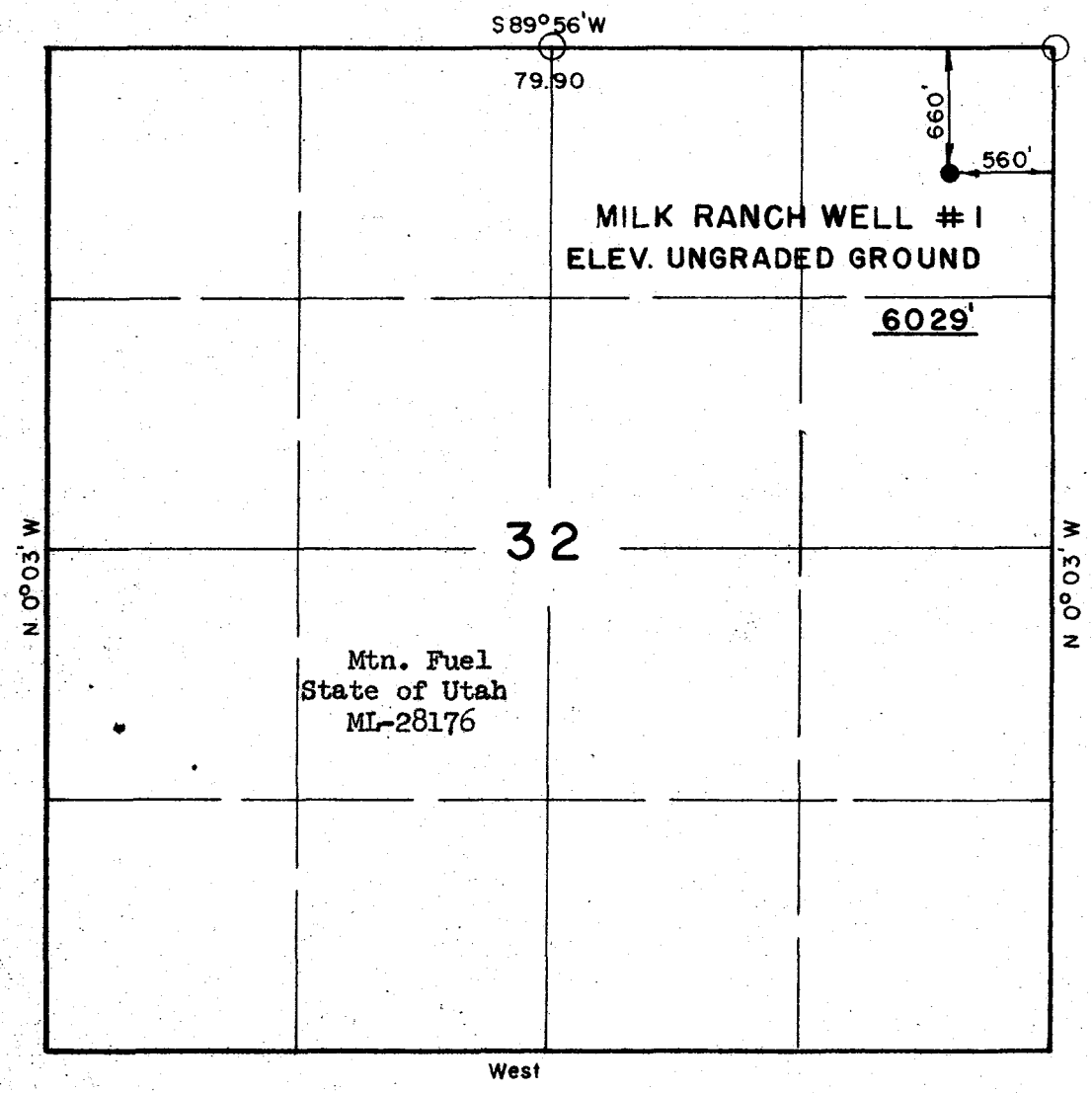
(This space for Federal or State office use)

Permit No. 43-037-30116 Approval Date

Approved by Title Date
Conditions of approval, if any:

*See Instructions On Reverse Side

T37S, R20E, S.L.M.



○ = SECTION CORNERS USED (BRASS CAPS)

PROJECT

MOUNTAIN FUEL SUPPLY CO.

WELL LOCATION, *MILK RANCH WELL #1*, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 SEC. 32, T37S, R20E, S.L.M., SAN JUAN COUNTY, UTAH

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 2 JULY 1973
PARTY LK RK JK	REFERENCES G L O PLAT
WEATHER	FILE M-1119

July 9, 1973

DEVELOPMENT PLAN
FOR
U.S.G.S. APPROVAL
OF
SURFACE USE
MOUNTAIN FUEL DRILLING WELLS

Well Name Milk Ranch Well No. 1

Field or Area West of Blanding, Utah

1. Existing roads. - Road to location to use existing roads to area within 800' of location, then proposed road to follow ridge into location, approximately 800' long.

2. Planned access roads. - Road to leave main highway with a 30' wide road which would run along the west side of small ridge to location, approximately 800' long.

3. Location of wells. - No oil well locations within one mile of location in any direction.

4. Lateral roads to well locations. - At the present time there are no proposed lateral roads to locations in this area, but if this well is a producer, there may be lateral roads.

5. Location of tank batteries and flowlines. - None planned except that which will be needed if this location is a producer.

6. Location and types of water supply. - Water for boilers, drilling, etc. to come from the canals west of Blanding, Utah and east of this location as shown on the attached plat.

7. Methods of handling waste disposal. - Burn pit to remove the burnable portion, mud and mud debris to be left to dry and will then be buried in the mud pits.

8. Location of camps. - None within five miles, none needed for this location.

9. Location of airstrips. - None.

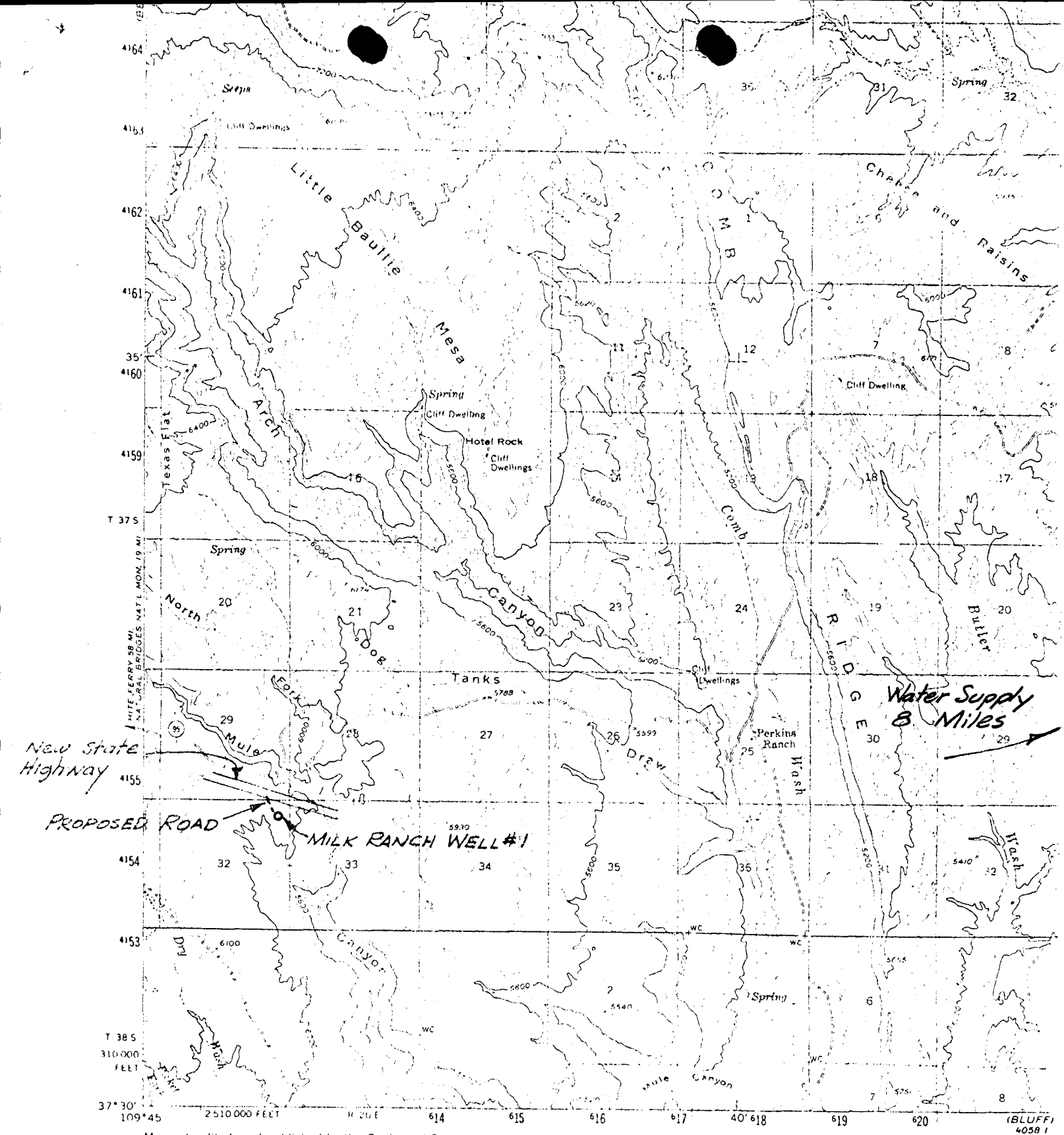
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. - As shown on attached plat.

11. Plans for restoration of the surface. - Surface area to be graded and shaped so that no berms, cuts or fills will be outstanding; area to be reseeded with B.L.M. recommended grasses.

12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment. - None.

cc: P. Zubatch (4)
D. E. Dallas
A. A. Pentila
J. B. Carricaburu
F. C. Shields

Signed K. A. Joyce
Civil Engineering Supervisor



Mapped, edited, and published by the Geological Survey with cooperation by the Atomic Energy Commission

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1953 and 1955
Advance field check 1957

Polyconic projection. 1927 North American datum
10,000 foot grid based on Utah coordinate system, south zone
1000 meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Parts of T. 36 S.-R. 20 E., T. 37 S.-R. 20 E., and T. 38 S.-R. 20 E., are unsurveyed

Unchecked elevations are shown in brown

UTM GRID AND 1957 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62

CONTOUR INTERVA

DATUM IS MEAN S

THIS MAP COMPLIES WITH NATIONA

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER

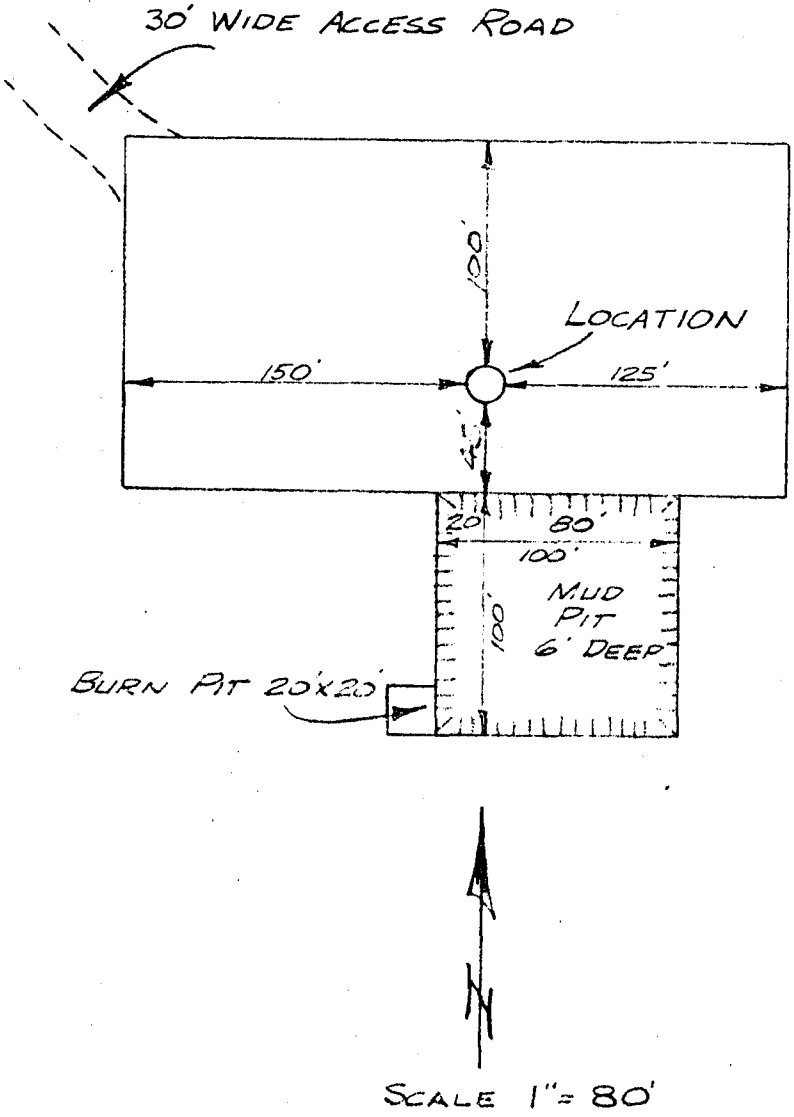
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AN

PROPOSED LOCATION

LOCATED IN THE
NE¼ NE¼, SECTION 32,
T37S, R20E, SAN JUAN COUNTY,
UTAH.

MILK RANCH WELL #1

MOUNTAIN FUEL SUPPLY CO



SCALE 1" = 80'

UINTAH ENGINEERING
VERNAL, UTAH

July 12, 1973

Mountain Fuel Supply Company
Box 1129
Rock Springs, Wyoming 82601

Re: Well No. Milk Ranch No. 1
Sec. 32, T. 37 S, R. 20 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-037-30116.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: Division of State Lands

INTEROFFICE COMMUNICATION

FROM T. M. Colson — Rock Springs, Wyoming (CITY / STATE)

TO B. W. Croft — DATE July 16, 1973

SUBJECT Tentative Plan to Drill
Milk Ranch Well No. 1
San Juan County, Utah

Attached for your information and files is a tentative plan to drill the above-captioned well. This plan was written in accordance with the Geologic Prognosis dated June 1, 1973.

TMC/gm
Attachment
cc: J. T. Simon
L. A. Hale (6)
J. E. Adney
Geology (2)
D. E. Dallas (4)
C. F. Rosene
B. M. Steigleder
U.S.G.S.
State
Paul Zubatch
P. E. Files (4)

From: T. M. Colson

Rock Springs, Wyoming

To: R. G. Myers

July 16, 1973

Tentative Plan to Drill
Milk Ranch Well No. 1
San Juan County, Utah

This well will be drilled by _____ Drilling Company using a contract rig. One work order has been originated for the drilling and completion of the well, namely 21555, Drill Milk Ranch Well No. 1, located in the NE NE Sec. 32, T. 37 S., R. 20 E., San Juan County, Utah. This well will be drilled to a total depth of 3500 feet and 7-inch O.D. casing run. The well will be drilled to test the Leadville formation. Surface elevation is at 6029 feet.

1. Drill 17-1/2-inch hole to approximately 650 feet KBM.

2. Run and cement approximately 650 feet of 13-3/8-inch O.D., 48-pound, H-40, 8 round thread, ST&C casing. The casing will be cemented with 777 sacks of regular Type "G" 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 3651 pounds of Dowell D43A. Plan on leaving a 10-foot cement plug in the bottom of the casing after displacement is completed. Floating equipment will consist of a Baker guide shoe. The top and bottom of all casing collars will be spot welded in the field and the guide shoe will be spot welded to the shoe joint in the Rock Springs Machine Shop. The bottom of the surface casing should be landed in such a manner that the top of the 12-inch 3000 psi casing flange will be at ground level. A cellar three feet deep will be required. Prior to cementing, circulate 150 barrels of mud. Capacity of the 13-3/8-inch O.D., 48-pound casing is 102 barrels.

3. After a WOC time of 6 hours, remove the landing joint and wash off casing collar. Install a NSCo. Type "B" 12-inch 3000 psi regular duty casing flange tapped for 13-3/8-inch O.D., 8 round thread casing. Install a 2-inch extra heavy nipple, 6-inches long, and a WKM Figure B138 (2000 psi WOG, 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 12-inch 3000 psi double gate hydraulically operated blowout preventer with blind rams in the bottom and 4-1/2-inch rams in the top and a 12-inch 3000 psi rotating preventer. After a WOC time of 12 hours, pressure test surface casing, all preventer rams, and Kelly-cock to 1000 psi for 15 minutes using rig pump and drilling mud. The burst pressure rating for 13-3/8-inch O.D., 48-pound, H-40, 8 round thread, ST&C casing is 1730 psi.

4. Go in hole with 8-3/4-inch bit and adequate drill collars. Displace water from the surface casing with air. After inside of casing is dry and after a WOC time of 12 hours, drill out cement and guide shoe. Drill ahead to total depth of 3500 feet or to such other depth as may be recommended by the Geological Department. After formation gas is encountered, gauge the gas flow and continue to gauge formation gas after each 30 feet of hole is drilled. A fully manned logging unit will be on location from below surface pipe to total depth to gauge water and gas and to check samples. Have a detergent injection system installed and if formation water in sufficient quantity is encountered, begin injecting a detergent-water mixture into the drilling air system in the correct proportions in order to continue air drilling. Surveys should be run to control the deviation. A Mission 5-1/4-inch O.D. Hammerdril will be used during air drilling operations. Anticipated formation tops are as follows:

	Approximate Depth (Feet KBM)
Cedar Mesa	Surface
Hermosa	600
Honaker Trail	900
Paradox	
Ismay Zone	2,000
Desert Creek Zone	2,200
Barker Creek Zone	2,350
Alkali Gulch Zone	2,700
Pinkerton Trail	2,800
Molas	3,000
Leadville	3,100
Total Depth	3,500

5. Assuming commercial quantities of gas are obtained, run temperature and gamma ray logs from the bottom of the 13-3/8-inch O.D. casing to total depth drilled with air.

6. Go in hole and load well with the gel-chemical drilling mud. With well dead, clean out to total depth and condition mud and hole.

7. Run dual induction-laterolog (linear 2-inch, logarithmic 5-inch with RXO/Rt on 5-inch) and an integrated borehole compensated sonic gamma ray caliper log from the bottom of the surface casing to total depth drilled. Run a borehole compensated density gamma ray caliper and a sidewall neutron log over zones of interest.

8. Assume commercial quantities of gas and/or oil are present. Go into hole with 8-3/4-inch bit and drill pipe to total depth to condition mud prior to running production casing. Pull bit laying down drill pipe and drill collars.

9. Run 7-inch O.D. casing as outlined in Item I, General Information, through the deepest producing zone as indicated during air drilling operations. A Larkin filrite float collar and float shoe will be run as floating equipment. Cement casing with 50-50 Pozmix "A" cement. Bring cement top behind the 7-inch O.D. casing above the uppermost producing zone as indicated by drill stem test and log analysis. Circulate 175 barrels of drilling mud prior to beginning cementing operations. Capacity of the 7-inch O.D. casing is approximately 138 barrels. Cement requirements will be based on actual hole size as determined by the caliper portion of the formation density log. Rotate casing while circulating, mixing and displacing cement. Displace cement with water.

10. Immediately after cementing operations are completed, land the 7-inch O.D. casing with full weight of casing on slips in the 12-inch 3000 psi casing flange and record indicator weight. Install a NSCo. 12-inch 3000 psi by

6-inch 3000 psi tubing spool. Pressure test primary and secondary seals to 2000 psi for 5 minutes. Minimum collapse pressure for 7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing is 3280 psi. Install a steel plate on the 6-inch 3000 psi tubing spool flange.

11. Release drilling rig and move off location.

12. Move in and rig up a completion rig.

13. Install a 6-inch 3000 psi hydraulically operated double gate preventer with blind rams on bottom and 2-3/8-inch tubing rams on top.

14. After a WOC time of at least 50 hours, rig up Dresser Atlas and run bond log and perforating formation control log from plugged back depth to top of cement behind the 7-inch O.D. casing.

15. After a WOC time of at least 56 hours, pick up and run a 6-1/8-inch bit on 2-3/8-inch O.D., 4.6-pound, J-55, seal lock thread tubing to check plugged back depth.

16. Using Halliburton pump truck and water, pressure test casing and tubing rams to 3000 psi for 15 minutes. The minimum internal yield for 7-inch O.D., 23-pound, K-55 casing is 4360 psi and the wellhead has a working pressure of 3000 psi with a test pressure of 6000 psi. Pull tubing and pressure test casing and blind rams to 3000 psi for 15 minutes.

17. A tentative plan to complete the well will be issued after results of the above items have been evaluated.

GENERAL INFORMATION

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

Description	Approximate Gross Measurement (feet)	Availability
	Surface Casing	
13-3/8-inch O.D., 48-pound, H-40, 8 round thread, ST&C casing	680	To be purchased
	Production Casing	
7-inch O.D., 23-pound, K-55, 8 round thread, LT&C casing	3,700	To be purchased
	Production Tubing	
2-3/8-inch O.D., 4.6-pound, J-55, seal lock tubing	3,700	To be purchased

II. All ram type preventers will have hand wheels installed and operative at the time the preventers are installed.

III. Well responsibility - E. G. Mickel

8/7/73 PB

4 Tom Calsor[redacted] — Mtn. Fuel [redacted]
Milk Ranch #1

Sec 32 T37S R20E

surface Csng = 646'
air drlg = 3500'
Modded up = T.D. — 4400' San Juan Co.

Log tops:
Cedar Mesa - surface
Hermosa — 730
Ismay — 1930
Paradox salt - 2420

Sample tops
Pinkerton Trail — 3680
Molas — 3985
Leadville — 4195 — no recovery.
Logging now

(1) 40 sk @ 3950-4050 — Molas and top of Miss.
(2) 40 sk @ 3630-3730 — acrs Pinkerton
(3) 40 sk @ 2370-2470 — acrs top of salt
(4) 1870-1970 — Ismay top
(5) 40 sk — 600 to 700 brog pipe (50' & 50 out
(6) 10 sk at surface/ marker.

PWB

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah ML-28176

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: —

1. OIL WELL ☐ GAS WELL ☐ OTHER: Wildcat

7. UNIT AGREEMENT NAME: —

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Milk Ranch

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

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL, 560' FEL NE NE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE NE 32-37S-20E, SLM

14. PERMIT NO.: 43-037-30116

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6040.65' GR 6029'

12. COUNTY OR PARISH: San Juan

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	☐	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			X
(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 4400', logged, making straddle test.

Spudded July 23, 1973, landed 635.23' net, 648.04' gross of 13-3/8"OD, 48#, H-40, 8rd thd, ST&C casing at 646.88' KBM and set with 220 sacks of cement.

DST #1: 4350-4400', Leadville, IO ½ hr, ISI 1 hr, FO 1½ hrs, FSI 2 hrs, opened very weak increase to strong, reopened weak increasing to good blow, no gas, recovered 1700' water, IHP 2275, IOFP's 79-505, ISIP 901, FOFP's 531-821, FSIP 901, FHP 2275.

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

SIGNED BW Croft TITLE Vice President, Gas Supply Operations DATE August 8, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah ML-28176

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: —

1. OIL WELL ☐ GAS WELL ☐ OTHER: Wildcat

7. UNIT AGREEMENT NAME: —

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Milk Ranch

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

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL, 560' FEL NE NE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE NE 32-37S-20E, SLM

14. PERMIT NO.: 43-037-30116

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6040.65' GR 6029'

12. COUNTY OR PARISH: San Juan

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	☐	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			X
(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.) *

Total depth 4400', dry and abandoned, rig released 8/10/73.

DST #2: Straddle Test 3945-3992', mis-run, no packer seat.

Plug #1 - 3900-4000'
Plug #2 - 3670-3700'
Plug #3 - 2370-2470'
Plug #4 - 1870-1970'
Plug #5 - 600-700'
Surface plug.

Final Report.

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

SIGNED BW Croft TITLE Vice President Gas Supply Operations DATE August 15, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah ML-28176

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: —

1. OIL WELL ☐ GAS WELL ☐ OTHER: Wildcat

7. UNIT AGREEMENT NAME: —

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Milk Ranch

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

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL, 560' FEL NE NE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE NE 32-37S-20E., SLM

14. PERMIT NO.: 43-037-30116

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6040.65' GR 6029'

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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*	X	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(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 4400', verbal approval was granted during a telephone conversation between Mr. Burchell of the Utah Department of Natural Resources and Mr. Colson with Mountain Fuel to plug and abandon the subject well by laying the following plugs:

Plug No. 1: 4000-3900', 40 sacks
Plug No. 2: 3700-3670', 40 sacks
Plug No. 3: 2470-2370', 40 sacks
Plug No. 4: 1970-1870', 40 sacks
Plug No. 5: 700- 600', 40 sacks
Plug No. 6: 10 sacks in surface casing.

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

SIGNED BW Croft TITLE Vice President, Gas Supply Operations DATE Sept. 27, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGCC-3

SUBMIT IN DUPLICATE*

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other —

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other —

2. NAME OF OPERATOR: Mountain Fuel Supply Company

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

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: 660' FNL, 560' FEL NE NE

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah ML-28176

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: —

7. UNIT AGREEMENT NAME: —

8. FARM OR LEASE NAME: Milk Ranch

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE NE 32-37S-20E., SLM

14. PERMIT NO.: 43-037-30116 DATE ISSUED:

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-23-73	8-6-73	8-10-73	KB 6040.65' GR 6029'	—

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4400'	0'		→	0-4400'	—

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Dry & abandoned

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Sidewall Neutrom GR, Induction Electrolog, BHC Accoustilog

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	646.88'	17-1/2	220	0
			8-3/4		

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

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

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

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented while testing.

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Logs as above, Well Completion and Well Lithology to 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 BW Croft TITLE Vice President, Gas Supply Operations DATE Sept. 27, 1973

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Log tops:		
				Cedar Mesa	0'	
				Hermosa	730	
				Ismay	1930	
				B Marker	2265	
				Desert Creek	2300	
				Paradox salt	2420	
				Pinkerton Trail	3630	
				Molas	3950	
				Leadville	4187	

P 1

COMPLETION REPORT

Well: Milk Ranch Well #1 Date: October 4, 1973

Area: Milk Ranch Lease No: State of Utah ML-28176

[x] New Field Wildcat [ ] Development Well [ ] Shallower Pool Test

[ ] New Pool Wildcat [ ] Extension [ ] Deeper Pool Test

Location: 660 feet from North line, 560 feet from East line

NE ¼ NE ¼

Section 32, Township 37 South, Range 20 East

County: San Juan State: Utah

Operator: Mountain Fuel Supply Company

Elevation: KB 6040' Gr 6029' Total Depth: Driller 4400' Log 4396'

Drilling Commenced: July 23, 1973 Drilling Completed: August 6, 1973

Rig Released: August 10, 1973 Well Completed: August 10, 1973

Sample Tops: (unadjusted)

Cedar Mesa	Surface
Hermosa	730'
Desert Creek	2340'
Molas	3984'
Leadville	4190'

Log Tops:

Cedar Mesa	Surface
Hermosa	730'
Ismay	1930'
"B" Marker	2265'
Desert Creek	2300'
Paradox Salt	2420'
Pinkerton Trail	3630'
Molas	3950'
Leadville	4187'

Sample Cuttings: 10-foot samples from 660' to 4400' - Rock Springs core house

Status: Dry and abandoned

Producing Formation: None

Perforations: None

Stimulation: None

Production: None

Plug Back Depth: Surface

Plugs: 3900-4000'; 3670-3700'; 2370-2470'; 1870-1970'; 600-700', surface pipe

Hole Size: 17-1/2" to 650 feet; 8-3/4" from 517 feet to 4400 feet

Casing/Tubing: 13-3/8" @ 646.88 KBM

Logging - Mud: Rocky Mountain Geo-Engineering - John Clutter consultant

Mechanical: Dresser Atlas - Run #1 640-3675' DIFL & BHC Acoustilog
Run #2 3600-4400' DIFL & BHC Acoustilog SNGR 1750-4400'

Contractor: Signal

Completion Report Prepared by: J. R. Price

Remarks: Mist drilled to 3676 feet, mud drilled from 3676 feet to 4400 feet.

COMPLETION REPORT (cont.)

Well: Milk Ranch #1

Area: _____

Cored Intervals (recovery): None

Tabulation of Drill Stem Tests:

No.	Interval	IHP	IFP (min.)	ISIP (min.)	FFP (min.)	FSIP (min.)	FHP	Samples Caught	Remarks
1	4350-4400	2201	92-503 (30)	868 (60)	513-831 (90)	871 (120)	2185	Water	Rec. 1700' Water, Res. .09 @ 74° 74,000 ppm clorides
2	3946-3992								Straddle - Misrun, no packer seat
3	3930-4070	1913	25-44 (30)	90 (65)	41-48 (180)	108 (240)	1915	Mud	Rec. 10' Mud

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: State of Utah ML-28176

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: —

1. OIL WELL ☐ GAS WELL ☐ OTHER: Wildcat

7. UNIT AGREEMENT NAME: —

2. NAME OF OPERATOR: Mountain Fuel Supply Company

8. FARM OR LEASE NAME: Milk Ranch

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

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660' FNL, 560' FEL NE NE

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE NE 32-37S-20E., SLM

14. PERMIT NO.: 43-037-30116

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 6040.65' GR 6029'

12. COUNTY OR PARISH: San Juan

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	☐	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*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(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 4400', rig released 8-10-73, well plugged and abandoned by laying the following plugs:

Plug No. 1: 4000-3900', 40 sacks
Plug No. 2: 3700-3670', 40 sacks
Plug No. 3: 2470-2370', 40 sacks
Plug No. 4: 1970-1870', 40 sacks
Plug No. 5: 700- 600', 40 sacks
Plug No. 6: 10 sacks in surface pipe.

A regulation abandonment marker will be installed and the location cleaned at a later date.

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

SIGNED B W Croft TITLE Vice President, Gas Supply Operations DATE Sept. 27, 1973

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side