

..... in NLD File .....  
..... Location Map Pinned .....  
..... Indexed  .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed *9/24/75* .....

Location Inspected .....

GW..... WW..... TA.....  
GW..... OS..... PA.....

Bond released  
State or Fee Land .....

**LOGS FILED**

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
Henrieville Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE NW 31-38S-2W

12. COUNTY OR PARISH  
Kane

13. STATE  
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL  
-

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
August 5, 1975

**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      662' FNL,      1988' FWL       NE NW  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7 miles southwest of Henrieville, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660      -

16. NO. OF ACRES IN LEASE  
2535.69

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

19. PROPOSED DEPTH  
5300'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 6100'

22. APPROX. DATE WORK WILL START\*  
August 5, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13	9-5/8	32.75	500	362
7-7/8	4-1/2	11.6	5200	to be determined

We would like to drill the subject well to an estimated depth of 5300', anticipated formation tops are as follows: Carmel at the surface, Navajo at 100', Chinle at 2300', Shiparump at 2900', Moenkopi at 3015', Kaibab at 4400', Toroweap at 4650' and Cedar Mesa at 5050'.

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

*OK File C-3*

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 R. W. Myers TITLE General Manager, Gas Supply Operations DATE July 2, 1975

(This space for Federal or State office use)  
 PERMIT NO. 43-025-30013 APPROVAL DATE \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 DRILL  DEEPEN  PLUG BACK

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 OIL WELL  GAS WELL  OTHER Wildcat SINGLE ZONE  MULTIPLE ZONE

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 2535.69

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 -

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

19. PROPOSED DEPTH  
 5300'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 6100'

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

CONDITIONS OF APPROVAL, IF ANY:

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

Well Name Henrieville Unit Well No. 1

Field or Area Henrieville

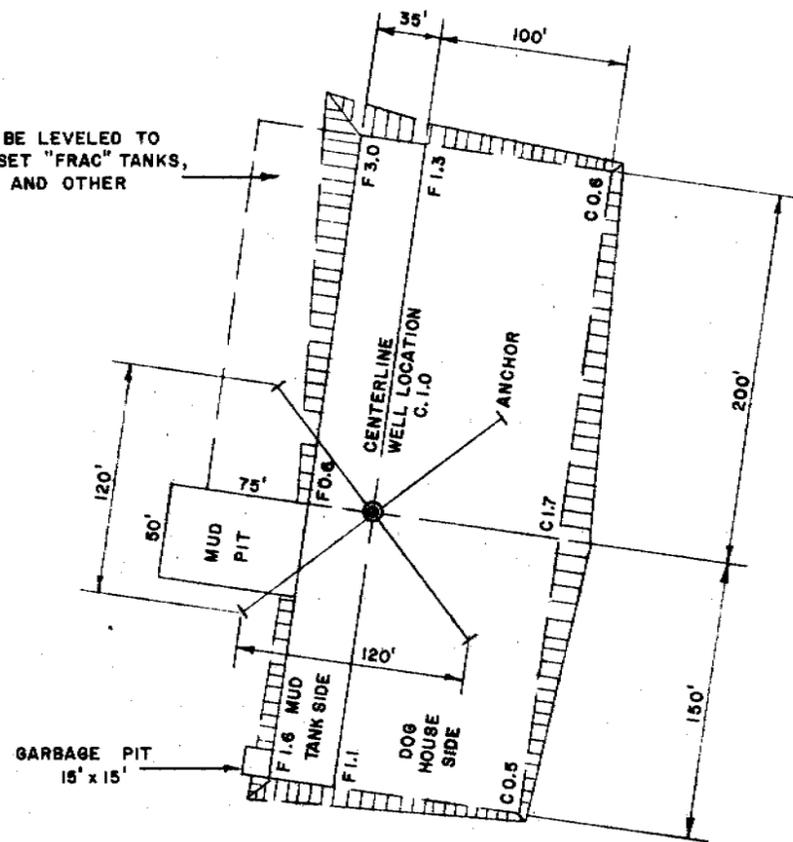
1. Existing roads. - Refer to area map drawing No. M-11914.
2. Planned access roads. - Approximately 2.65 miles of existing trail will be improved as shown on area map drawing No. M-11914.
3. Location of wells. - Refer to area map drawing No. M-11914.
4. Lateral roads to well locations. - Refer to area map drawing No. M-11914.
5. Location of tank batteries and flowlines. - If the well is a producer, production facilities and tankage will be placed on or immediately adjacent to the location.
6. Location and types of water supply. - Water for drilling the well will be hauled by tank truck from Sheep Creek.
7. Methods of handling waste disposal. - Refer to drawing No. M-11915 for location of the mud pit and garbage disposal pit.
8. Location of camps. - None.
9. Location of airstrips. - None.
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. - Refer to drawing No. M-11915.
11. Plans for restoration of the surface. - After drilling operations, the well site will be cleared and cleaned and all sumps filled in. Should the well be a dry hole, the well site will be abandoned and surfaces restored to the extent practicable and seeded. Should the well be a producer, areas of non-use will be restored and seeded.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment. - The location is on a relatively flat plateau. Soils are fine sand with a reddish cast. The climate is arid and vegetation on the location consists of a scattering of sagebrush, sparse grass and a few small junipers. Stands of junipers at the site were clear cut and piled up in the year 1966, presumably for the purpose of land reclamation or forage improvement.

cc: P. Zubatch (4)

Signed

*A.B. Cassin*  
Civil Engineering Department

THIS AREA SHOULD BE LEVELED TO STACK DRILL PIPE, SET "FRAC" TANKS, TESTING SEPARATOR AND OTHER EQUIPMENT.

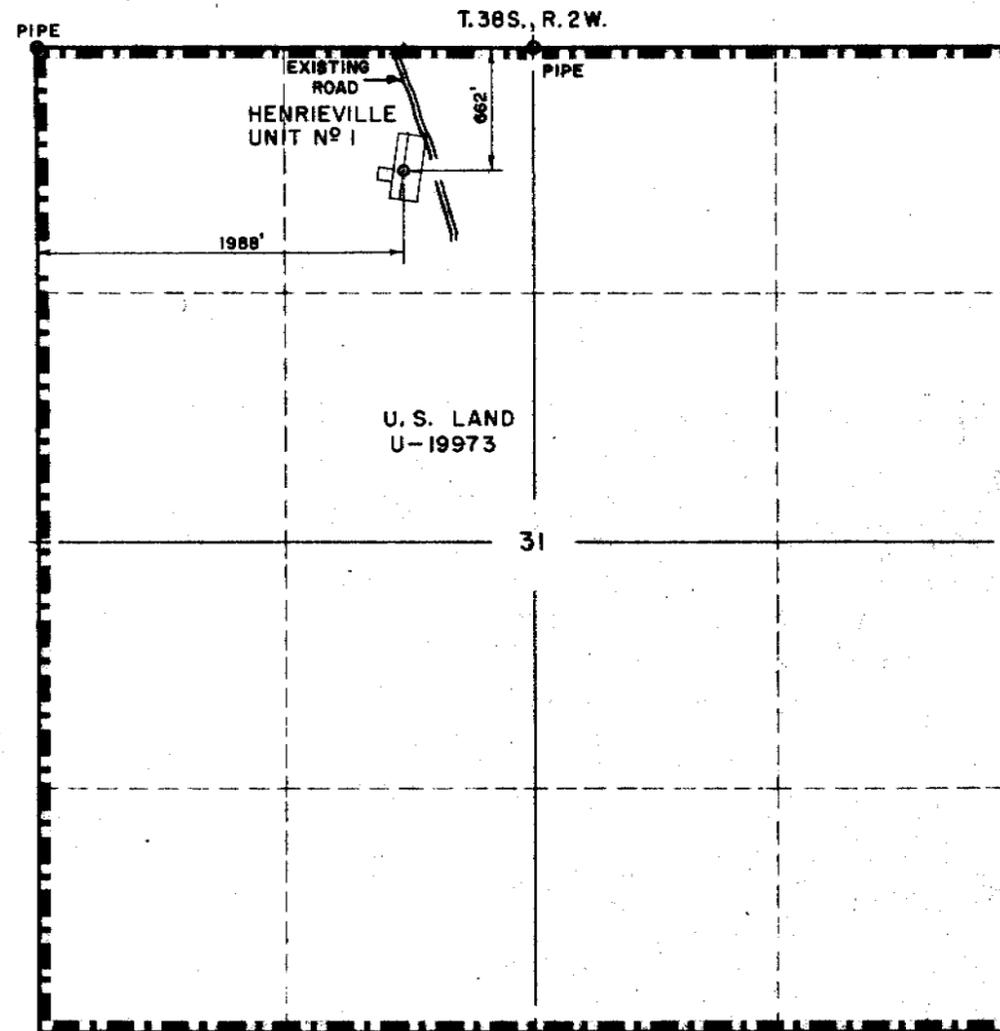


- ENLARGED WELL SITE PLAN -

SCALE: 1"=100'

NOTE:

AT SITES WHERE TOPSOIL IS PRESENT, SAME IS TO BE REMOVED AND STORED ON THE ADJACENT AREA FOR RESTORATION OF THE SITE WHEN REQUIRED.



- LOCATION PLAN -

SCALE: 1"=1000'

This is to certify that the above plat was prepared from field notes of actual surveys made under my supervision and that the same are true and correct to the best of my knowledge.

*A. B. Carver*  
Engineer

Utah Land Surveyor Registration No 3521

DRILLING W.O.

LEGEND	ENGINEERING RECORD		REVISIONS				 <b>MOUNTAIN FUEL</b> SUPPLY COMPANY ROCK SPRINGS, WYOMING
	SURVEYED BY	DATE	NO.	DESCRIPTION	DATE	BY	
⊕ WELL	S. M. Fabian	6/26/75					CERTIFIED WELL LOCATION AND WELL SITE PLAN HENRIEVILLE UNIT NO. 1
⊕ STONE CORNER	REFERENCES	G.L.O. PLAT <input checked="" type="checkbox"/> U.S.G.S. QUAD. MAP <input type="checkbox"/>					
⊕ PIPE CORNER	LOCATION DATA						DRAWN: 6/26/75 GEB SCALE: AS NOTED CHECKED: GeL DRWG. NO. M-11915 APPROVED:
	FIELD	Henrieville Unit					
	LOCATION:	NE NW Section 31, T. 38 S., R. 2 W. 662' FNL, 1988' FWL					
		Kane County, Utah					
	WELL ELEVATION:	6100' (As Graded) Elevation by Spirit Levels From U.S.G.S. Elevation at NE Corner, Section 31.					

Well Name Henrieville Unit Well No. 1

Location NE NW 31-38S-2W

Kane County, Utah

<u>Wellhead Equipment</u>	<u>Size</u>	<u>Pressure Rating</u>	<u>Pressure Test</u>
Surface Casing Flange	<u>10"</u>	<u>3,000</u>	<u>6,000</u>
Casing Spool			
Tubing Spool	<u>10" x 6"</u>	<u>3,000</u>	<u>6,000</u>
Tubing Bonnet	<u>6" x 2"</u>	<u>3,000</u>	<u>6,000</u>

<u>Blow Out Preventers</u> (Top to Bottom)	<u>Size</u>	<u>PSI Rating</u>	<u>PSI Test</u>	<u>Bag</u>	<u>Rams</u>
	<u>10"</u>	<u>3,000</u>	<u>6,000</u>	<u>X</u>	
	<u>10"</u>	<u>3,000</u>	<u>6,000</u>		<u>4-1/2</u>
	<u>10"</u>	<u>3,000</u>	<u>6,000</u>		<u>Blind</u>

<u>Gas Buster</u>	<u>Yes</u>	<u>X</u> <u>No</u>	<u>Degasser</u>	<u>Yes</u>	<u>X</u> <u>No</u>

Kill or Control Manifold

<u>2"</u> <u>Size</u>	<u>3,000</u> <u>Pressure Rating</u>	<u>6,000</u> <u>Pressure Rating Test</u>	<u>No</u> <u>Hydraulic Valves</u>

<u>Auxiliary Equipment</u>	<u>Kelly Cock</u>	<u>X</u> <u>Yes</u>	<u>No</u>

<u>Monitoring Equipment on Mud System</u>	<u>X</u> <u>Yes</u>	<u>No</u>

<u>Full Opening Drill Pipe Stabbing Valve on Floor</u>	<u>X</u> <u>Yes</u>	<u>No</u>

<u>Type of Drilling Fluid</u>	<u>X</u> <u>Water Base Mud</u>	<u>Air</u>	<u>Gas</u>	<u>Oil Base Mud</u>

Anticipated Bottom Hole Pressure  
PSI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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*Attn: Jack Feight (Per telecom 7/20/75)  
 BLM slips attached*

*Copy EIA Attached*

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24. SIGNED [Signature] TITLE General Manager, Gas Supply Operations DATE July 2, 1975

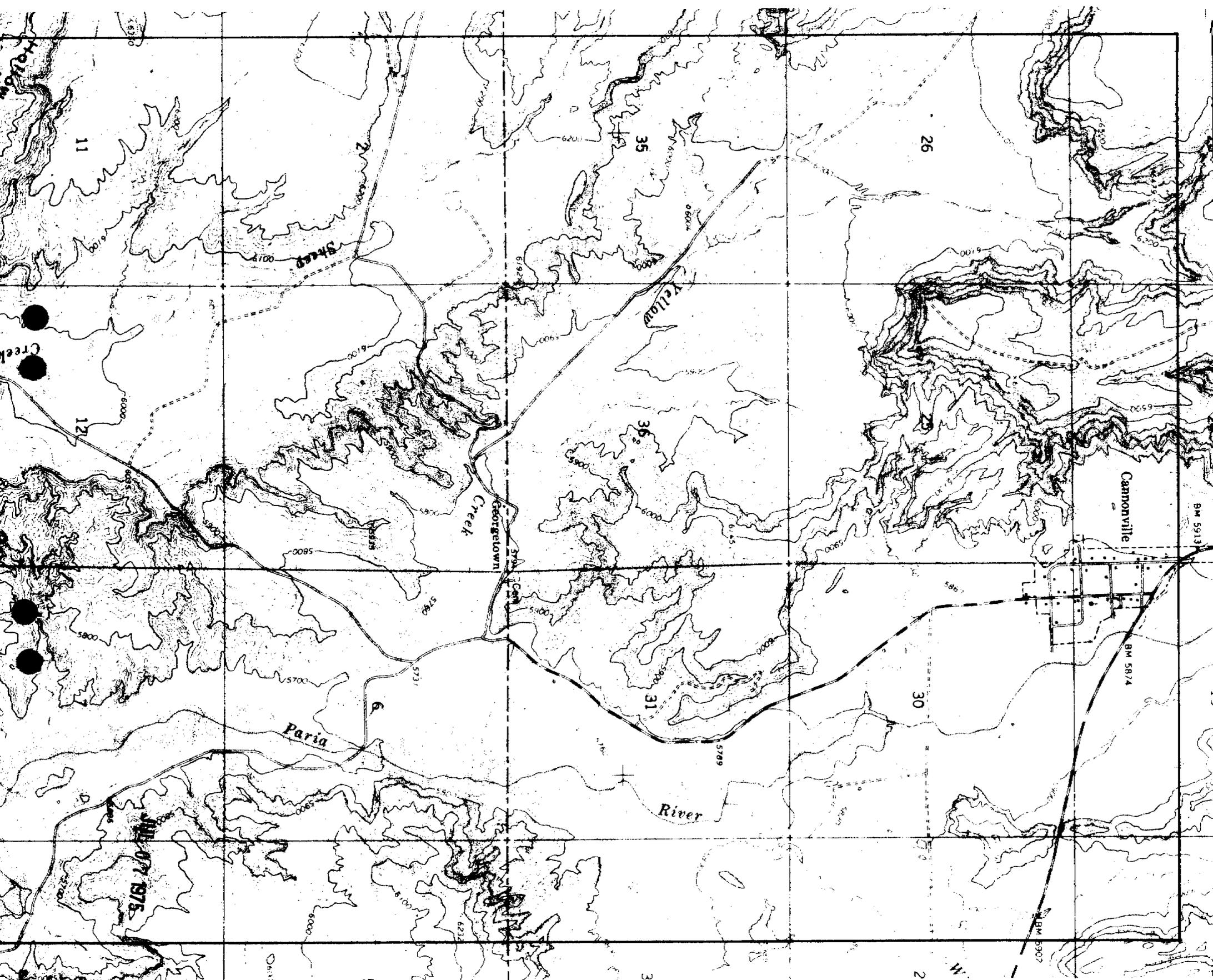
(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*State O&G - Approval notice*



BM 5913

Cannonville

BM 5874

BM 5907

26

30

35

36

31

3

Yellow

River

Paria

Creek

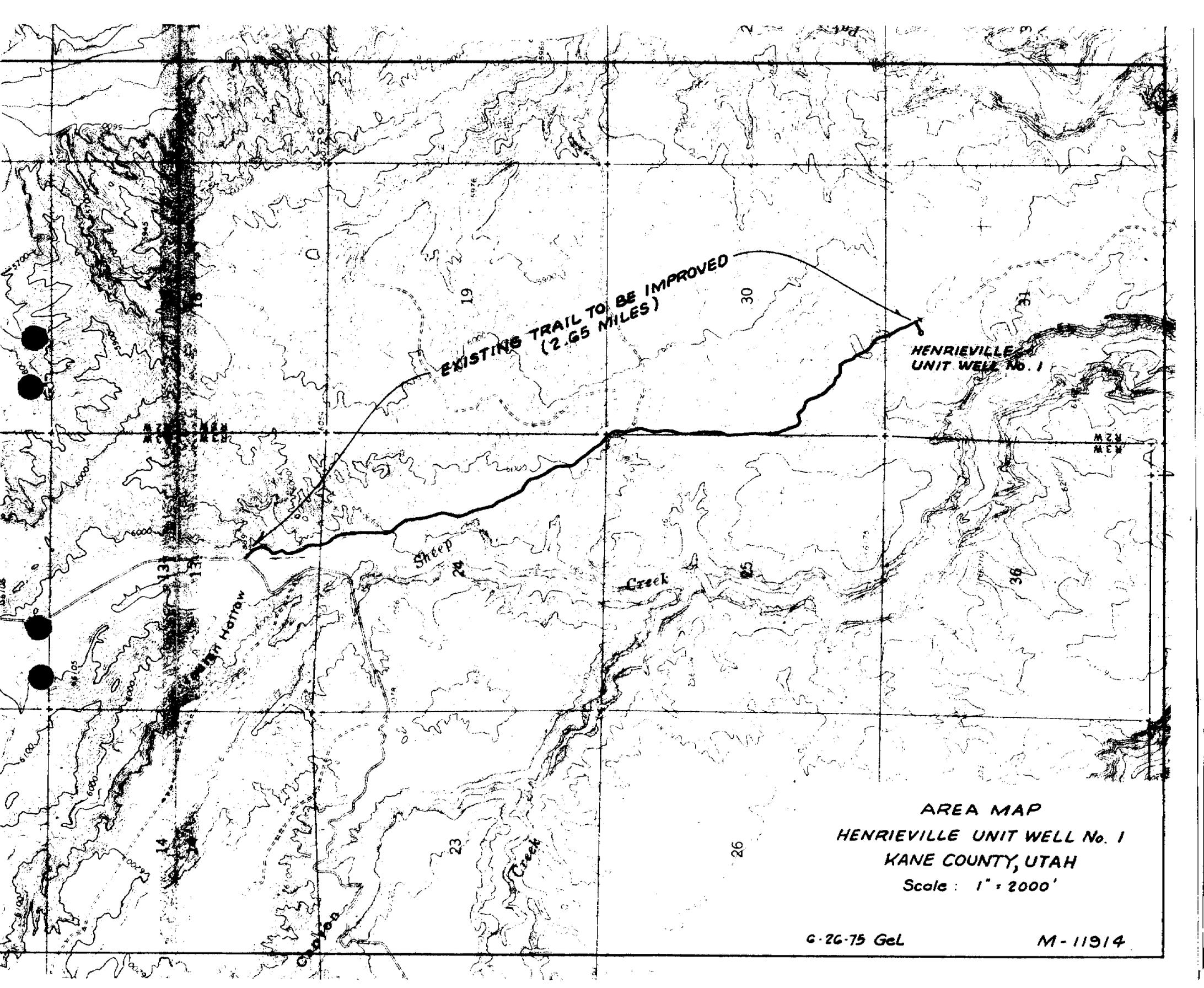
Sheld

JUL 07 1975

11

12

Creek



EXISTING TRAIL TO BE IMPROVED  
(2.65 MILES)

HENRIEVILLE  
UNIT WELL No. 1

AREA MAP  
HENRIEVILLE UNIT WELL No. 1  
KANE COUNTY, UTAH  
Scale : 1" = 2000'

6-26-75 Gel

M-11914

DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: July 9-1975  
 Operator: J J Mt. Fuel Supply  
 Well No: Henrieville Unit #1  
 Location: Sec. 31 T 38S R. 2W County: Kane

File Prepared  Entered on N.I.D.   
 Card Indexed  Completion Sheet

Checked By:  
 Administrative Assistant: [Signature]  
 Remarks:  
 Petroleum Engineer/Mined Land Coordinator: [Signature]  
 Remarks: OK

Director: [Signature]  
 Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No. \_\_\_\_\_  Blowout Prevention Equipment   
 Rule C-3(c) Topographical exception/company owns or controls acreage  
 within a 660' radius of proposed site   
 O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit   
 Other:   
 Letter Written

July 11, 1975

Mountain Fuel Supply Company  
Box 1129  
Rock Springs, Wyoming 82901

Re: Well No. Henrieville Unit #1  
Sec. 31, T. 38 S, R. 2 W,  
Kane County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 272-5813  
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.

The API number assigned to this well is #3-025-30013.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw



# United States Department of the Interior

IN REPLY REFER TO

3100

BUREAU OF LAND MANAGEMENT  
320 North First East  
Kanab, Utah  
84741

July 22, 1975

Mr. Ed Gwynn  
United States Geological Survey  
Conservation Division Oil/Gas Branch  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Dear Mr. Gwynn:

I am enclosing a list of surface management stipulations which we recommend be attached to any approval by your office of Mountain Fuel Supply's application to drill wildcat well Henrieville Unit No. 1 located seven miles south of Cannonville, Utah.

We are presently working on a tramroad permit which would allow the company to upgrade the access outside the lease area and I will notify your office once the permit is issued.

We would like a copy of the Environmental Analysis once it is completed by your office.

Sincerely,

Richard E. Fagan  
Area Manager

Enclosure

cc: Operator  
O&G, NEMA, Casper  
WOBCC, Utah

## SURFACE MANAGEMENT STIPULATIONS

The Mountain Fuel Supply Company 12 Point Development Plan for the drilling of wildcat well Henrieville Unit No. 1 located 662' FNL and 1988' FWL, Section 31, T 38 S, R 2 W, SLM, Kane County, Utah is recommended for approval by the District Manager, Kanab District BLM office, subject to the Temporary Tramroad Right-of-Way Permit U-110-1 (76) and the following stipulations:

1. Archaeological clearance must be obtained prior to the start of construction.
2. All survey monuments, witness corners, reference monuments and bearing trees must be protected against destruction, obliteration, or damage. Any damaged or obliterated markers must be reestablished in accordance with accepted survey practices at expense of permittee .
3. All existing improvements including, but not limited to, fences, gates, roads, trails, public land survey monuments, and water development and control structures shall be maintained in serviceable condition. Damaged or destroyed improvements shall be replaced, restored, or appropriately compensated for.
4. All operations shall be conducted so as not to change the character or cause pollution of streams and seeps, or damage wildlife resources or to materially alter the ecology or environment of the lease area. Surface damages which may induce soil movement and/or water pollution shall be corrected to the satisfaction of the authorized officer.
5. Activities employing the use of wheeled or tracted vehicles be conducted in such a manner as to minimize surface damages. The authorized officer shall be notified prior to the employment of any earth moving equipment on the lease area.
6. Topsoil shall be removed and stockpiled prior to any removal of overburden. Stockpiles shall be located so as not to be covered by spoil materials and to facilitate their use in final backfilling and grading.
7. The lessee shall avoid drilling activities during periods of inclement weather when muddy and wet conditions are prevalent. Consent must be obtained from the authorized officer for any activity during these periods.
8. The lease premises shall be appropriately posted and fenced or otherwise protected to minimize injury to persons, livestock and wildlife.
9. Released production water or other waters containing injurious or other deleterious materials resulting from oil and gas operations shall be prevented.

10. The authorized officer shall be notified immediately upon the accidental spilling or release of oil or other pollutants on the federal lands. A crawler tractor or other such equipment will not be used to blade or cover oil spills.
11. No explosives may be used without prior written consent of the authorized officer.
12. Where compatible with operations conducted by the lessee, the lease site will be available for other public uses, including but not limited to: livestock grazing, hunting, fishing, camping, hiking and picnicing.
13. All garbage, downed trees and foreign debris will be eliminated by removal or burial at an approved location. Burning is permissible only by prior written consent of the authorized officer. Roads and trails should be kept clean.
14. Existing roads and trails shall be used. All access, haul and other support roads shall be upgraded only at locations approved by the authorized officer, and in such a manner as to control and minimize erosion. Road surface widths may not exceed 12 feet. Drainages shall not be blocked by road beds. All damage to stream beds must be repaired to the satisfaction of the authorized officer.
15. Mountain Fuel Supply shall make every effort to prevent, control or suppress any fire in the operating area. Uncontrolled fires must be immediately reported to the authorized officer or his representatives. Mountain Fuel Supply will be held responsible for suppression costs for any fires on public lands caused through negligence of his employees, contractors or subcontractors.
16. Should a discovery of oil be made requiring additional site activity and possible utility corridors BLM will be notified as soon as possible so they can begin their necessary planning activities for the area.
17. Should the well be non-productive, the drill hole shall be permanently sealed or filled as directed by the authorized officer upon completion of operations.
18. Surface buildings, supporting facilities and other structures which are not required for present or future operations should be removed upon termination of use.
19. After cessation of the use of the well site or portion of the well site, the lessee shall restore that site or portion thereof, as near as possible to its original condition to the degree practical.
20. All excavations shall be filled and graded to conform to the surrounding terrain. Sludge, sump drill and drainage pits shall be allowed to dry completely before backfilling and reclamation is attempted.

21. Backfilling, final grading and reseeding shall be completed within two (2) years after the completion or termination of the drilling operation unless the authorized officer extends the time.
22. Those surface areas of the leased premises disturbed by the operations conducted by the lessee shall be revegetated when their use is no longer required by the operator. The following seeding mixture should be used:

<u>Pounds per acre</u>	<u>Species</u>
3	Crested Wheatgrass
2	Russian Wild Rye
1	Bitter Brush
<u>1</u>	Lodak Alphalpa
Total $\frac{7}{7}$ lbs. per acre	

23. Upon completion of reclamation efforts, the well site will be fenced using four strands barbed wire spaced as follows from the ground up: 1st wire 16", 2nd wire 6", 3rd wire 8", 4th wire 12". Steel posts will be spaced 20' apart with two stays spaced between posts. Corner and brace posts will be juniper. The size of the fenced area will be determined by the district manager.
24. The leasee shall be liable for any damage suffered, whether for Government or private property, and for any cost or expense incurred by the Government arising out of any operations under their lease whenever such damage, cost or expense results from any breach of the terms and conditions of the exploration plan, including any stipulations attached thereto, or wrongful or negligent act of the lessee, his contractors, sub-contractors or the employees of any of them. The lessee shall pay the Government for such damage, cost or expense after written demand therefore by the authorized officer.
25. The oil & gas supervisor at any time may issue a written decision suspending any construction or maintenance activity of leasee in connection with the exploration plan which, in the judgement of the oil and gas supervisor, immediately threatens serious or irreparable harm to life (including wildlife and aquatic life), property, or the environment. In the event the oil & gas supervisor determines that leasee has failed or refused to comply with any provision of this exploration plan or any permit issued by the Department of the Interior in connection with exploration, and after such due notice as the oil & gas supervisor deems practicable, the oil & gas supervisor may issue a written decision suspending any or all of leasee's construction activities under said permit. Leasee shall not resume such suspended activities until given written authorization to do so by the oil & gas supervisor. Any dispute arising under this grant shall be decided by the oil & gas supervisor and district manager.

26. The following reports will be required:

A. Operations report: Within 30 days after the end of each calendar year, or if operations cease before the end of a calendar year, within 30 days after the cessation of operations, the operator shall submit an operations report containing the following information:

- (1) An identification of the permit, lease, or contract and the location of the operation;
- (2) A description of operations performed during the period of time for which the report is filed;
- (3) An identification of the area of land affected by the operations and a description of the manner in which the land has been affected;
- (4) A statement as to the number of acres disturbed by the operations and a description of the manner in which the land has been affected;
- (5) A description of the method utilized for reclamation and the results thereof;
- (6) A statement and description of reclamation work remaining to be done.

B. Planting report: Whenever planting is required by an approved exploration or mining plan, the operator shall file a report with the mining supervisor or district manager whenever such planting is completed. The report shall--

- (1) Identify the permit, lease, or contract;
- (2) Show the type of planting or seeding, including mixtures and amounts;
- (3) Show the date of planting or seeding;
- (4) Identify or describe the areas of the lands which have been planted;
- (5) Contain such other information as may be relevant.

C. Report of cessation or abandonment of operations: Not less than 30 days prior to cessation or abandonment of operations, the operator shall report his intention to cease or abandon operations, together

with a statement of the exact number of acres of land affected by his operations, the extent of reclamation accomplished and other relevant information.



# United States Department of the Interior

IN REPLY REFER TO

3100

BUREAU OF LAND MANAGEMENT

320 North First East  
Kanab, Utah  
84741

July 22, 1975

Mr. Ed Gwymm  
United States Geological Survey  
Conservation Division Oil/Gas Branch  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Dear Mr. Gwymm:

I am enclosing a list of surface management stipulations which we recommend be attached to any approval by your office of Mountain Fuel Supply's application to drill wildcat well Henrieville Unit No. 1 located seven miles south of Cannonville, Utah.

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We would like a copy of the Environmental Analysis once it is completed by your office.

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OGS, NEMA, Canyon  
OG & CC, Utah

### SURFACE MANAGEMENT STIPULATIONS

The Mountain Fuel Supply Company 12 Point Development Plan for the drilling of wildcat well Henrieville Unit No. 1 located 662' FNL and 1988' FWL, Section 31, T 38 S, R 2 W, SLM, Kane County, Utah is recommended for approval by the District Manager, Kanab District BLM office, subject to the Temporary Tramroad Right-of-Way Permit U-110-1 (76) and the following stipulations:

1. Archaeological clearance must be obtained prior to the start of construction.
2. All survey monuments, witness corners, reference monuments and bearing trees must be protected against destruction, obliteration, or damage. Any damaged or obliterated markers must be reestablished in accordance with accepted survey practices at expense of permittee .
3. All existing improvements including, but not limited to, fences, gates, roads, trails, public land survey monuments, and water development and control structures shall be maintained in serviceable condition. Damaged or destroyed improvements shall be replaced, restored, or appropriately compensated for.
4. All operations shall be conducted so as not to change the character or cause pollution of streams and seeps, or damage wildlife resources or to materially alter the ecology or environment of the lease area. Surface damages which may induce soil movement and/or water pollution shall be corrected to the satisfaction of the authorized officer.
5. Activities employing the use of wheeled or tracted vehicles be conducted in such a manner as to minimize surface damages. The authorized officer shall be notified prior to the employment of any earth moving equipment on the lease area.
6. Topsoil shall be removed and stockpiled prior to any removal of overburden. Stockpiles shall be located so as not to be covered by spoil materials and to facilitate their use in final backfilling and grading.
7. The lessee shall avoid drilling activities during periods of inclement weather when muddy and wet conditions are prevalent. Consent must be obtained from the authorized officer for any activity during these periods.
8. The lease premises shall be appropriately posted and fenced or otherwise protected to minimize injury to persons, livestock and wildlife.
9. Released production water or other waters containing injurious or other deleterious materials resulting from oil and gas operations shall be prevented.

10. The authorized officer shall be notified immediately upon the accidental spilling or release of oil or other pollutants on the federal lands. A crawler tractor or other such equipment will not be used to blade or cover oil spills.
11. No explosives may be used without prior written consent of the authorized officer.
12. Where compatible with operations conducted by the lessee, the lease site will be available for other public uses, including but not limited to: livestock grazing, hunting, fishing, camping, hiking and picnicing.
13. All garbage, downed trees and foreign debris will be eliminated by removal or burial at an approved location. Burning is permissible only by prior written consent of the authorized officer. Roads and trails should be kept clean.
14. Existing roads and trails shall be used. All access, haul and other support roads shall be upgraded only at locations approved by the authorized officer, and in such a manner as to control and minimize erosion. Road surface widths may not exceed 12 feet. Drainages shall not be blocked by road beds. All damage to stream beds must be repaired to the satisfaction of the authorized officer.
15. Mountain Fuel Supply shall make every effort to prevent, control or suppress any fire in the operating area. Uncontrolled fires must be immediately reported to the authorized officer or his representatives. Mountain Fuel Supply will be held responsible for suppression costs for any fires on public lands caused through negligence of his employees, contractors or subcontractors.
16. Should a discovery of oil be made requiring additional site activity and possible utility corridors BLM will be notified as soon as possible so they can begin their necessary planning activities for the area.
17. Should the well be non-productive, the drill hole shall be permanently sealed or filled as directed by the authorized officer upon completion of operations.
18. Surface buildings, supporting facilities and other structures which are not required for present or future operations should be removed upon termination of use.
19. After cessation of the use of the well site or portion of the well site, the lessee shall restore that site or portion thereof, as near as possible to its original condition to the degree practical.
20. All excavations shall be filled and graded to conform to the surrounding terrain. Sludge, sump drill and drainage pits shall be allowed to dry completely before backfilling and reclamation is attempted.

21. Backfilling, final grading and reseeding shall be completed within two (2) years after the completion or termination of the drilling operation unless the authorized officer extends the time.
22. Those surface areas of the leased premises disturbed by the operations conducted by the lessee shall be revegetated when their use is no longer required by the operator. The following seeding mixture should be used:

<u>Pounds per acre</u>	<u>Species</u>
3	Crested Wheatgrass
2	Russian Wild Rye
1	Bitter Brush
<u>1</u>	Lodak Alphalpa
Total 7 lbs. per acre	

23. Upon completion of reclamation efforts, the well site will be fenced using four strands barbed wire spaced as follows from the ground up: 1st wire 16", 2nd wire 6", 3rd wire 8", 4th wire 12". Steel posts will be spaced 20' apart with two stays spaced between posts. Corner and brace posts will be juniper. The size of the fenced area will be determined by the district manager.
24. The lessee shall be liable for any damage suffered, whether for Government or private property, and for any cost or expense incurred by the Government arising out of any operations under their lease whenever such damage, cost or expense results from any breach of the terms and conditions of the exploration plan, including any stipulations attached thereto, or wrongful or negligent act of the lessee, his contractors, sub-contractors or the employees of any of them. The lessee shall pay the Government for such damage, cost or expense after written demand therefore by the authorized officer.
25. The oil & gas supervisor at any time may issue a written decision suspending any construction or maintenance activity of leasee in connection with the exploration plan which, in the judgement of the oil and gas supervisor, immediately threatens serious or irreparable harm to life (including wildlife and aquatic life), property, or the environment. In the event the oil & gas supervisor determines that leasee has failed or refused to comply with any provision of this exploration plan or any permit issued by the Department of the Interior in connection with exploration, and after such due notice as the oil & gas supervisor deems practicable, the oil & gas supervisor may issue a written decision suspending any or all of leasee's construction activities under said permit. Leasee shall not resume such suspended activities until given written authorization to do so by the oil & gas supervisor. Any dispute arising under this grant shall be decided by the oil & gas supervisor and district manager.

26. The following reports will be required:

A. Operations report: Within 30 days after the end of each calendar year, or if operations cease before the end of a calendar year, within 30 days after the cessation of operations, the operator shall submit an operations report containing the following information:

- (1) An identification of the permit, lease, or contract and the location of the operation;
- (2) A description of operations performed during the period of time for which the report is filed;
- (3) An identification of the area of land affected by the operations and a description of the manner in which the land has been affected;
- (4) A statement as to the number of acres disturbed by the operations and a description of the manner in which the land has been affected;
- (5) A description of the method utilized for reclamation and the results thereof;
- (6) A statement and description of reclamation work remaining to be done.

B. Planting report: Whenever planting is required by an approved exploration or mining plan, the operator shall file a report with the mining supervisor or district manager whenever such planting is completed. The report shall--

- (1) Identify the permit, lease, or contract;
- (2) Show the type of planting or seeding, including mixtures and amounts;
- (3) Show the date of planting or seeding;
- (4) Identify or describe the areas of the lands which have been planted;
- (5) Contain such other information as may be relevant.

C. Report of cessation or abandonment of operations: Not less than 30 days prior to cessation or abandonment of operations, the operator shall report his intention to cease or abandon operations, together

with a statement of the exact number of acres of land affected by his operations, the extent of reclamation accomplished and other relevant information.

August 12, 1975

MEMO FOR FILING

Re: Mountain Fuel Supply Co.  
Henrieville #1  
Sec. 31, T. 38 S., R. 2 W.  
Kane County, Utah

On August 7, 1975, a visit was made to the above referred to well site.

Moving in the Loffland Bros. rig. Should complete rigging up by 7/11/75, and spud-in date should be shortly thereafter.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Mountain Fuel Supply  
 Henrieville Unit #1  
 NE/NW Sec. 31  
 T388, ROW Kane  
 County, Utah.  
 Mtn. Fuel - A. Mason  
 - S. Fabian  
 Dist. Cont. - F. Richards  
 BLM - T. Carroll  
 U.S.G.S. - B. Fiant  
 NO EFFECT  
 ENHANCE  
 MINOR IMPACT  
 MAJOR IMPACT

	Construction				Pollution				Drilling Production				Transport Operations			Accidents		Others	
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
Forestry	NA																		
Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Wilderness									/					/					
Agriculture																			
Residential-Commercial	NA																		
Mineral Extraction	NA																		
Recreation	0				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Scenic Views					/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Parks, Reserves, 1 mi. Sm Monuments	Riparian Area																		
Historical Sites	Cultural Resources																		
Unique Physical Features																			
Birds	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish	NA																		
Endangered Species	NA																		
Trees, Grass, Etc.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Surface Water	NA																		
Underground Water																			
Air Quality									/					/			/	/	/
Erosion	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Other																			
Effect On Local Economy	0								0					0					
Safety & Health	0							/											
Others	CC: BLM, Kanab w/ matrix sheet Don Libby, RM Office, CR, Denver O&S, M&M, Casper Log cc. Utah																		

Issue \_\_\_\_\_

Well No. & Location HENRIVILLE UNIT Well No 1 NE/4NW  
Sec 31 T 38 N R 2 W KANE County, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-5

1. Proposed Action

Mountain Fuel Supply Co proposes to drill an exploratory oil & gas test well to the approx. depth of ~~5000~~ 5300' to clear and level a drilling location 135' x 350' and to construct a reservoir pit 50' x 75' x 8' to accommodate drilling operations. To improve approx 2 1/2 miles of existing access road.

2. Location and Natural Setting (existing environmental situation)

The proposed location is approx. ten ~~seven~~ miles to the east of Bryce Canyon Natl. Park and one mile to the north of a proposed "primitive" area. The area is generally rolling hills covered with scattered juniper trees. To the east and west there are numerous deep washes which have exposed many colorful formations. The location itself is on a relatively flat plateau with sandy soil and very few rocks. To the east is an area which has been chained to remove all trees, and then reseeded, presumably for forage improvement. Vegetation on the proposed location consists of a few small juniper trees, sparse sage brush and native grasses. Wild life is the usual desert fauna with a few scattered mule deer in the winter months. There are no known historical sites and no evidence of archeological sites was noted.

\* The proposed primitive area has not been defined however this section to the south of Sec 31 is closed to oil & gas leasing.

3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure will have little long term effect in this area.

The soil is sandy and the cut and fill will be very slight which will allow for easy rehabilitation.

If a productive well is discovered serious planning will be required due to the surrounding terrain.

The well site is not near any drainage and should not present any serious pollution problem. Any effluent could be contained within a relatively small area.

The drilling and associated traffic will add a minor amount of air pollution and well as temporarily disturbing live stock and wild life.

The improvement of the roads will make the area more accessible in which the primary recreation is sight seeing.

4. Alternatives to the Proposed Action

Not approving the application and suggesting an alternate location which would cause less environmental damage. There were no locations which would justify this action.

5. Adverse Environmental Effects Which Cannot Be Avoided

- Temp disturbance of live stock & wildlife
- Minor amount of Air pollution
- Temp. SURFACE disturbance which will require reseeding.
- Detraction from the aesthetics

6. Determination

(This requested action  (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c)).

Date Inspected

6-30-75

*W. J. [Signature]*

*E. [Signature]*

Geological Survey  
~~Cooper District~~ Salt Lake City District  
~~Cooper, Wyoming~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

1. SUBMIT IN THE ORIGINAL (Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Henrieville Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE NW 31-38S-2W

12. COUNTY OR PARISH

Kane

13. STATE

Utah

1.

OIL WELL  GAS WELL  OTHER Wildcat

2. NAME OF OPERATOR

Mountain Fuel Supply Company

3. ADDRESS OF OPERATOR

P. O. Box 1129, Rock Springs, Wyoming 82901

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

662' FNL, 1988' FWL NE NW

14. PERMIT NO.

43-025-30013

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

GR 6100'

19.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Supplementary history

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Depth 416', mixing lost circulation material.

Spudded August 11, 1975.

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

SIGNED

*R. G. Meyer*

TITLE

General Manager,  
Gas Supply Operations

DATE

Aug 13, 1975

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Wildcat</u></p> <p>2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>662' FNL, 1988' FWL NE NW</u></p> <p>14. PERMIT NO. <u>43-025-30013</u></p>	<p>7. UNIT AGREEMENT NAME <u>Henrieville Unit</u></p> <p>8. FARM OR LEASE NAME <u>Unit Well</u></p> <p>9. WELL NO. <u>1</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE NW 31-38S-2W</u></p> <p>12. COUNTY OR PARISH <u>Kane</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GR 6100'</u></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.)\*

Depth 1007', waiting on cement.

Ran and cemented 13-3/8" surface casing, lost circulation, set 250-sack RFC cement plug, now waiting on cement.

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

SIGNED [Signature] TITLE General Manager, Gas Supply Operations DATE Aug. 19, 1975

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form Approved  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		7. UNIT AGREEMENT NAME <u>Henrieville Unit</u>
2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u>		8. FARM OR LEASE NAME <u>Unit Well</u>
3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u>		9. WELL NO. <u>1</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>662' FNL, 1988' FWL NE NW</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>
14. PERMIT NO. <u>43-025-30013</u>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE NW 31-38S-2W</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GR 6100'</u>		12. COUNTY OR PARISH <u>Kane</u>
		13. STATE <u>Utah</u>

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)			

SUBSEQUENT REPORT OF:

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

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

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

Depth 2974', drilling.

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

SIGNED [Signature]

TITLE

General Manager,  
Gas Supply Operations

DATE

Aug. 27, 1975

(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.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Wildcat</u>		7. UNIT AGREEMENT NAME <u>Henrieville Unit</u>	
2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u>		8. FARM OR LEASE NAME <u>Unit Well</u>	
3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u>		9. WELL NO. <u>1</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>662' FNL, 1988' FWL NE NW</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
14. PERMIT NO. <u>43-025-30013</u>		15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GR 6100'</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE NW 31-38S-2W</u>	
		12. COUNTY OR PARISH <u>Kane</u>	
		13. STATE <u>Utah</u>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Supplementary 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 3391', drilling.

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

SIGNED R. D. Myers TITLE General Manager, Gas Supply Operations DATE Sept. 3, 1975

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME Henrieville Unit
2. NAME OF OPERATOR Mountain Fuel Supply Company		8. FARM OR LEASE NAME Unit Well
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 662' FNL, 1988' FWL NE NW		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. 43-025-30013	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6100'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE NW 31-38S-2W
		12. COUNTY OR PARISH Kane
		13. STATE Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

Depth 4548', drilling.

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

SIGNED [Signature]

TITLE

General Manager,  
Gas Supply Operations

DATE Sept. 9, 1975

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER  Wildcat

7. UNIT AGREEMENT NAME  
Henrieville Unit

2. NAME OF OPERATOR  
Mountain Fuel Supply Company

8. FARM OR LEASE NAME  
Unit Well

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  
662' FNL, 1988' FWL NE NW

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
NE NW 31-38S-2W

14. PERMIT NO.  
43-025-30013

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 6100'

12. COUNTY OR PARISH  
Kane

13. STATE  
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

Depth 4548', drilling.

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

SIGNED *R.D. Myers*

TITLE General Manager,  
Gas Supply Operations

DATE Sept. 9, 1975

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Wildcat</u></p> <p>2. NAME OF OPERATOR <u>Mountain Fuel Supply Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 1129, Rock Springs, Wyoming 82901</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>662' FNL, 1988' FWL NE NW</u></p> <p>14. PERMIT NO. <u>API 43-025-30013</u></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U - 19973</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME <u>Henrieville Unit</u></p> <p>8. FARM OR LEASE NAME <u>Unit Well</u></p> <p>9. WELL NO. <u>1</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>NE NW 31-38S-2W</u></p> <p>12. COUNTY OR PARISH <u>Kane</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>GR 6100'</u></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)		(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 4796', drilling.

DST #1: Straddle test 4325-4362', White Rim, IO 1/2 hr, ISI 1 hr, FO 115 minutes, FSI 165 minutes, opened with weak blow on both openings, no gas, recovered 1584' water, IHP 2121, IOFP's 55-385, ISIP 657, FOFP's 398-630, FSIP 657, FHP 2121.

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

SIGNED <u>[Signature]</u>	TITLE <u>General Manager, Gas Supply Operations</u>	DATE <u>Sept. 18, 1975</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved,  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. U - 19973
2. NAME OF OPERATOR Mountain Fuel Supply Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1129, Rock Springs, Wyoming 82901		7. UNIT AGREEMENT NAME Henrieville Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 662' FNL, 1988' FWL NE NW		8. FARM OR LEASE NAME Unit Well
14. PERMIT NO. API 43-025-30013	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6100'	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE NW 31-38S-2W
		12. COUNTY OR PARISH 13. STATE Kane Utah

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

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

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

Depth 4796', drilling.

DST #1: Straddle test 4325-4362', White Rim, IO 1/2 hr, ISI 1 hr, FO 115 minutes, FSI 165 minutes, opened with weak blow on both openings, no gas, recovered 1584' water, IHP 2121, IOFP's 55-385, ISIP 657, FOFP's 398-630, FSIP 657, FHP 2121.

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

SIGNED <u>[Signature]</u>	TITLE <u>General Manager, Gas Supply Operations</u>	DATE <u>Sept. 18, 1975</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

K

PLUGGING PROGRAM FORM

Name of Company Mountain Fuel Supply Co. Verbal Approval Given To: Pat Brotherson

Well Name: Henrieville Unit #1 Sec. 31 T. 38S R. 2W County: Kane

Verbal Approval Was given to plug the above mentioned well in the following manner:

T.D. 5239'

Plug set, approval was given by Ed Gynn of the U.S.G.S.

Tops:

150' Plug set.

Cedar Mesa	4960'
Kiabab	4312'
Toroweap	4070'
Shinarump	2948'
Chinle	2310'

Set plug 100'

From 1,000 to 1100'

Set 100' plug at the bottom of the surface casing. 30 Sacks of cement at the surface.

Contact Pat Brotherson in Rock Springs, (307) 362-5611, if there are any questions.

Date Verbally Approved: 9/23/75

Signed: *P. h. Ansell*

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Henrieville Unit

8. FARM OR LEASE NAME

Unit Well

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE NW 31-38S-2W

12. COUNTY OR PARISH 13. STATE

Kane

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

662' FNL, 1988' FWL NE NW

14. PERMIT NO.

API 43-025-30013

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

GR 6100'

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\* [X]

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.)

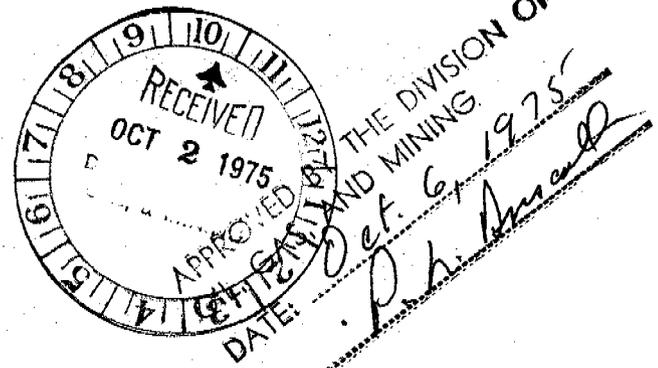
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

TD 5239'.

DST #2: 5204-5239', Cedar Mesa, IO 1/2 hr, ISI 1 hr, FO 1 hr, FSI 2 1/2 hrs, opened very weak continued, reopened dead, no gas, recovered 35' mud, IHP 2528, IOFP's 13-20, ISIP 1062, FOFP's 20-27, FSIP 1035, FHP 2528.

Verbal approval was granted on 9-22-75 during a telephone conversation between Mr. Brotherton with Mountain Fuel and Mr. Gynn with the U.S.G.S. and between Mr. Brotherton and the Utah Oil & Gas Conservation Division to plug and abandon the subject well as follows:

- Plug No. 1: 5050-4900', 45 sacks
Plug No. 2: 4400-4250', 45 sacks
Plug No. 3: 4150-4000', 45 sacks
Plug No. 4: 3150-2850', 90 sacks
Plug No. 5: 2400-2200', 60 sacks
Plug No. 6: 1100-1000', 50 sacks
Plug No. 7: 575-475', 60 sacks
Plug No. 8: 20 sacks into surface pipe



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

SIGNED [Signature]

TITLE General Manager, Gas Supply Operations

DATE Sept. 30, 1975

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME Henrieville Unit
2. NAME OF OPERATOR Mountain Fuel Supply Company		8. FARM OR LEASE NAME Unit Well
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 662' FNL, 1988' FWL NE NW		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. 43-025-30013		11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA NE NW 31-38S-2W
15. ELEVATIONS (Show whether DF, RT, OR, etc.) GR 6100'		12. COUNTY OR PARISH Kane
		13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

TD 5239', PBD 0', rig released 9-24-75, well plugged and abandoned as follows:

- Plug No. 1: 5050-4900', 45 sacks
- Plug No. 2: 4400-4250', 45 sacks
- Plug No. 3: 4150-4000', 45 sacks
- Plug No. 4: 3150-2850', 90 sacks
- Plug No. 5: 2400-2200', 60 sacks
- Plug No. 6: 1100-1000', 50 sacks
- Plug No. 7: 575-475', 60 sacks
- Plug No. 8: 20 sacks into 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. G. Myers

TITLE General Manager, Gas Supply Operations

DATE Sept. 30, 1975

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		7. UNIT AGREEMENT NAME Henrieville Unit
2. NAME OF OPERATOR Mountain Fuel Supply Company		8. FARM OR LEASE NAME Unit Well
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 662' FNL, 1988' FWL NE NW		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. 43-025-30013		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NE NW 31-38S-2W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6100'		12. COUNTY OR PARISH Kane
		13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

FULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

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

TD 5239', FBD 0', rig released 9-24-75, well plugged and abandoned as follows:

- Plug No. 1: 5050-4900', 45 sacks
- Plug No. 2: 4400-4250', 45 sacks
- Plug No. 3: 4150-4000', 45 sacks
- Plug No. 4: 3150-2850', 90 sacks
- Plug No. 5: 2400-2200', 60 sacks
- Plug No. 6: 1100-1000', 50 sacks
- Plug No. 7: 575-475', 60 sacks
- Plug No. 8: 20 sacks into 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 R. L. Myers TITLE General Manager, Gas Supply Operations DATE Sept. 30, 1975

(This space for Federal or State office use)

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

KP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

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

3

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 662' FNL, 1988 FWL NE NW  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
API No.: 43-025-30013

5. LEASE DESIGNATION AND SERIAL NO.  
U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Henrieville Unit

8. FARM OR LEASE NAME  
Unit Well

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NE NW 31-38S-2W

12. COUNTY OR PARISH  
Kane

13. STATE  
Utah

15. DATE SPUNDED 8-11-75 16. DATE T.D. REACHED 9-21-75 17. DATE COMPL. (Ready to prod.) 9-24-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* GR 6100 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5239' 21. PLUG, BACK T.D., MD & TVD 0' 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS 10 - 5239' CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, BHC-GR, FDC-CNL-GR

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	544.00	17-1/2 7-7/8	504	0

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORMANCE RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

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.)	

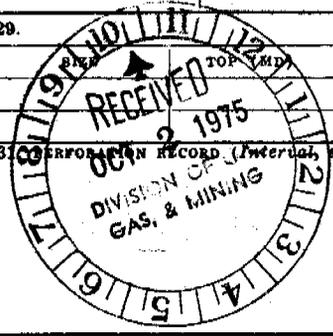
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
Logs as above 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 R. J. Myers TITLE General Manager, Gas Supply Operations DATE Sept. 30, 1975

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





STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Henrieville Unit No. 1  
 Operator Mountain Fuel Supply Company  
 Address P. O. Box 11368 Salt Lake City, Utah 84139  
 Contractor Loffland Brothers Drilling Company  
 Address \_\_\_\_\_  
 Location NE1/4, NW1/4, Sec. 31; T. 28<sup>N</sup>; R. 2<sup>W</sup>; Kane County

Water Sands:	Depth:		Volume:		Quality:
	From-	To-	Flow Rate or Head -	Fresh or Salty -	
1. <u>None</u>					
2. <u>Kaibab (White Rim sand)</u>					
4340 - 50			<u>Not Tested (4325-4356)</u>		<u>Rec 1584' Sh Salty water</u>
3. <u>4488 - 96</u>			<u>Not Tested</u>		
<u>Cedar Mesa sands</u>					
4. <u>5050 - 5054</u>			" "		
<u>4978 - 4982</u>			" "		
5. <u>4904 - 9911</u>			" "		

(Continue on Reverse Side if Necessary)

Formation Tops:	Surface	Behind casing	Time weep	Limestone	Depth
<u>Carmel</u>					<u>4072'</u>
<u>Navajo</u>					<u>4175'</u>
<u>Chinle</u>		<u>2355'</u>			<u>4495'</u>
<u>Shinarump</u>		<u>2944'</u>			<u>4940'</u>
<u>Mcenrops</u>		<u>3050'</u>			<u>5239'</u>
<u>Virgin Limestone</u>		<u>3930'</u>			
			<u>TD</u>		

- NOTE: (a) Upon diminishing supply of forms, please inform this office.  
 (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.  
 (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. U-19973  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Kane FIELD/LEASE Henrieville

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
August, 1975

Agent's Address P.O. Box 11368  
Salt Lake City, Utah 84139  
Phone No. 328-8315

Company Mountain Fuel Supply Company  
Signed [Signature]  
Title Chief Accountant

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
	<u>U-</u>	<u>1997</u>	<u>3</u>	<u>Anna Papulek - Henrieville Unit Well No. 1</u>							
<u>NE NW 31</u>	<u>38S</u>	<u>2W</u>	<u>1</u>							<u>Spud August 11, 1975</u> <u>3,232' Drilling</u>	

GAS: (MCF)  
Sold 0  
Flared/Vented 0  
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month \_\_\_\_\_  
Produced during month \_\_\_\_\_  
Sold during month \_\_\_\_\_  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE  
SALT LAKE CITY, UTAH 84116  
328-5771

State Lease No. \_\_\_\_\_  
Federal Lease No. U-19973  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Kane FIELD/LEASE Henrieville

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
August, 19 75

Agent's Address P.O. Box 11368  
Salt Lake City, Utah 84139  
Phone No. 328-8315

Company Mountain Fuel Supply Company  
Signed J. Murphy  
Title Chief Accountant

ac. and 4 of 4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
	<u>U-</u>	<u>1997</u>	<u>3</u>	<u>Anna Repulak - Henrieville Unit Well No. 1</u>							
<u>NE NW 31</u>	<u>38S</u>	<u>2W</u>	<u>1</u>							<u>Spud August 11, 1975</u> <u>3,232' Drilling</u>	

*Handwritten notes:*  
NW 31  
P 27 2-16-75

*Handwritten initials:*  
E

GAS: (MCF)  
Sold \_\_\_\_\_  
Flared/Vented \_\_\_\_\_  
Used On/Off Lease \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)  
On hand at beginning of month \_\_\_\_\_  
Produced during month \_\_\_\_\_  
Sold during month \_\_\_\_\_  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month \_\_\_\_\_



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

State Lease No. \_\_\_\_\_  
 Federal Lease No. U-19973  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

1588 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84118  
 328-5771

**REPORT OF OPERATIONS AND WELL STATUS REPORT**

STATE Utah COUNTY Kane FIELD/LEASE Henrieville

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
September, 1975.

Agent's Address P.O. Box 11368  
Salt Lake City, Utah 84139  
 Phone No. 328-8315

Company Mountain Fuel Supply Company  
 Signed [Signature]  
 Title Chief Accountant

Sec. and 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
	<u>U-</u>	<u>1997</u>	<u>3</u>		<u>Anna Papulsk - Henrieville Unit Well No. 1</u>						
<u>NE NW 31</u>	<u>38S</u>	<u>2W</u>	<u>1</u>							<u>Spud August 11, 1975</u> <u>TD 5,239'</u> <u>PBD 0</u> <u>P &amp; A 9/24/75</u>	

**GAS: (MCF)**  
 Sold \_\_\_\_\_ 0  
 Flared/Vented \_\_\_\_\_ 0  
 Used On/Off Lease \_\_\_\_\_ 0

**OIL or CONDENSATE: (To be reported in Barrels)**  
 On hand at beginning of month \_\_\_\_\_  
 Produced during month \_\_\_\_\_  
 Sold during month \_\_\_\_\_  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month \_\_\_\_\_

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.

U - 19973

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL  GAS WELL  OTHER  Wildcat

7. UNIT AGREEMENT NAME

Henrieville Unit

2. NAME OF OPERATOR

Mountain Fuel Supply Company

8. FARM OR LEASE NAME

Unit Well

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

662' FNL, 1988' FWL NE NW

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE NW 31-38S-2W

14. PERMIT NO.

API # 43-025-30013

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

GR 6100'

12. COUNTY OR PARISH

Kane

13. STATE

Utah

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 checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

TD 5239', PBD 0', rig released 9-24-75, well plugged and abandoned as follows:

- Plug No. 1: 5050-4900', 45 sacks
- Plug No. 2: 4400-4250', 45 sacks
- Plug No. 3: 4150-4000', 45 sacks
- Plug No. 4: 3150-2850', 90 sacks
- Plug No. 5: 2400-2200', 60 sacks
- Plug No. 6: 1100-1000', 50 sacks
- Plug No. 7: 575- 475', 60 sacks
- Plug No. 8: 20 sacks into top of surface pipe

A regulation abandonment marker has been installed and location rehabilitated.

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

SIGNED A. J. Maser

TITLE Asst. Drilling Supt.

DATE June 14, 1978

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



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

January 31, 1986

TO: Jean Doutre, Oil and Gas Field Specialist  
THROUGH: John R. Baza, Petroleum Engineer *JRB*  
FROM: Dorothy Swindel, Oil and Gas Field Specialist *DS*  
RE: Kane County Inspections

The information listed below concerns inspections which I conducted in Kane County. The list includes 6 plugged and abandoned wells which require no further inspections. There are no producing or shut-in wells in Kane County. This material was compiled to assist you in your inspections of that area and prevent any repetitious inspections.

- HOUSTON OIL AND MINERALS *RA*  
Federal 41-11 *3/11/77*  
Sec.11, T.41S, R.7W,
- TIDEWATER OIL COMPANY *2/10/57*  
Utah Federal A-1  
Sec.34, T.42S, R.2W,
- SUPERIOR OIL COMPANY *12/25/62*  
Kanab Creek 32-16  
Sec.16, T.42S, R.7W,
- G.C. BINGHAM *10/16/69*  
Richter Federal #1  
Sec.34, T.39S, R.7E,
- SHELL OIL COMPANY *1/16/60*  
Soda Unit #1  
Sec.2, T.40S, R.7E,
- MOUNTAIN FUEL SUPPLY *9/30/75*  
Henrieville #1  
Sec.31, T.38S, R.2W,

*Plz. note that some of these wells do not require further inspection.*  
*JRB*

43-025-30013