

Released 7-5-62

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet
Location Map Pinned
Card Indexed
I W R for State or Fee Land

Checked by Chief
Copy NID to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 12-2-61
OW _____ WW _____ TA _____
GW _____ OS PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 2-1-62

Electric Logs (No.) 5

E _____ I _____ E-I GR GR-N Micro
Lat _____ Mi-L _____ Sonic _____ Others: Temperature

Released 1962

FILE NOTATIONS

Entered in NID File
Entered On S R Sheet
Location Map Pinned
Card Indexed
I W R for State or Fee Land

Checked by Chief
Copy NID to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 12-18-62
OW _____ WW _____ TA _____
SI GW OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 2-14-63

Electric Logs (No.) NLR

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic _____ Others _____

7-1-72 Air Resources assumed
operations from Pacific Natural Gas

		X
	15	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-02981
Unit Moon Ridge

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 25, 19 61

Moon Ridge Unit

Well No. #31-15 is located 660 ft. from ~~SK~~^N line and 1980 ft. from ~~AKK~~^E line of sec. 15

NW NE Sec. 15 16S 21E SLB&M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the former floor~~ above sea level is 7639 ft. Graded Ground Level
7653' KB

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill well thru Morrison formation at a depth of approximately 9800' to test for oil and gas.

Will set approximately 400' of 10-3/4" surface casing with cement circulated to surface.

Will set approximately 5860' of 7-5/8" intermediate casing. Will drill with air below 5860'.

If commercial quantities of oil or gas are encountered will set a 4½" liner to T.D.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

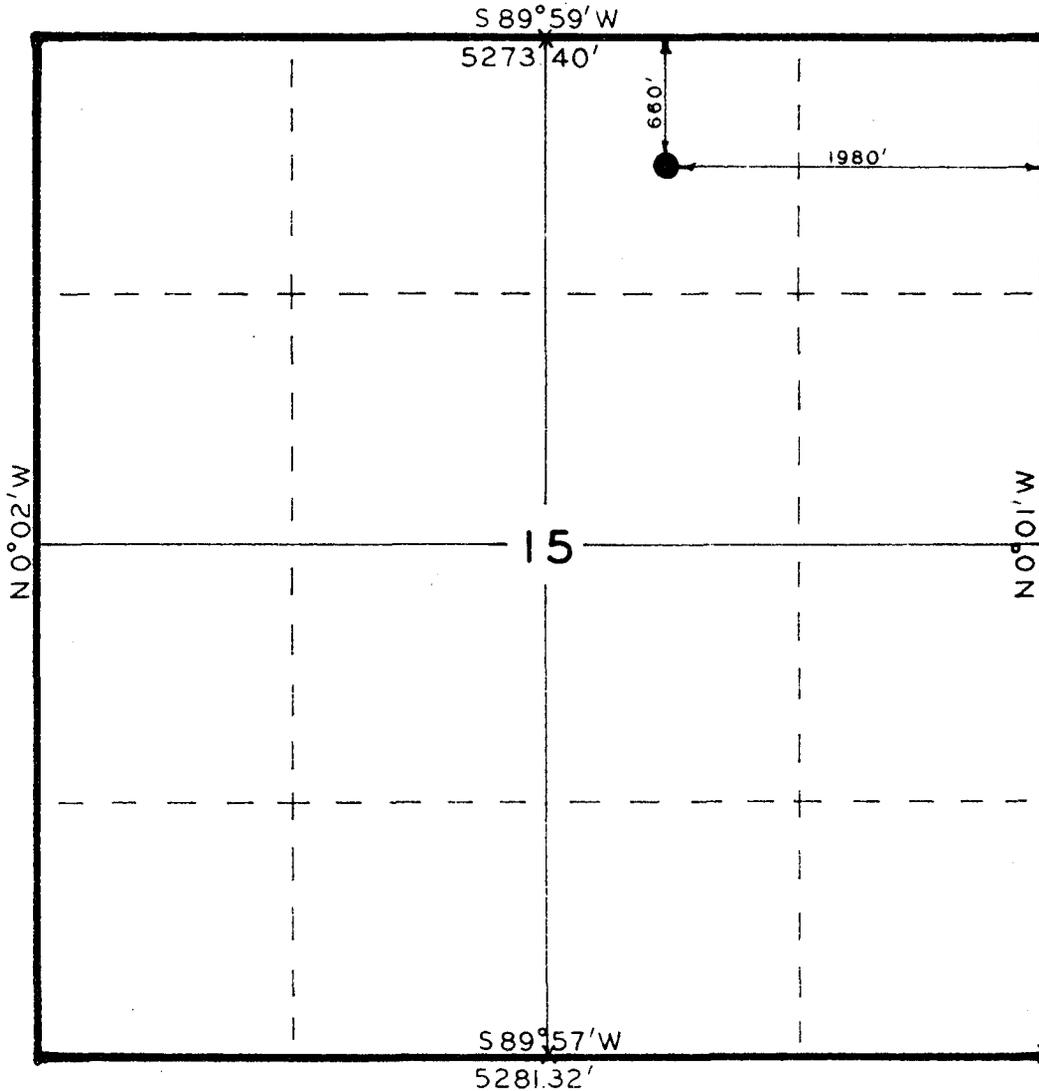
Company The Superior Oil Company

Address P. O. Drawer 'G'

Cortez, Colorado

Original Signed By
By W. M. RAMSBURG
W. M. Ramsburg
Title Engineer

T16S, R21E, SLB&M



X = Corners Located (brass caps)

Scale: 1" = 1000'

Ground Elevation - 7639 ft.

By: ROSS CONSTRUCTION CO.
Vernal, Utah

Nelson J. Marshall

PARTY: R.D. Ross
Daryl Teel
WEATHER: Rain

SURVEY
SUPERIOR OIL COMPANY
WELL LOC. MOON RIDGE UNIT NO.1, LOCATED AS
SHOWN IN THE NW 1/4, NE 1/4, SEC. 15, T16S, R21E
SLB&M. GRAND COUNTY, UTAH.

DATE: 9/6/61
REFERENCES:
GLO Township Plat
Approved 2/28/22
FILE SUPERIOR OIL

September 28, 1961

The Superior Oil Company
P. O. Drawer 'G'
Cortez, Colorado

Attn: W. M. Ramsburg, Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Moon Ridge Unit #31-15, which is to be located 660 feet from the north line and 1980 feet from the east line of Section 15, Township 16 South, Range 21 East, S1EM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

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

Under Rule A-3, the approval of this Commission is not necessary when an unexecuted copy of the unit agreement is on file with this office. In such a case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

REVISED COPY

Form approved Budget Bureau No. 42-R355.4

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-02981
LEASE OR PERMIT TO PROSPECT Moon Ridge Unit

			*		

15

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P. O. Drawer 'G', Cortez, Colorado

Lessor or Tract Moon Ridge Unit - Fed. Field Wildcat State Utah

Well No. 31-15 Sec. 15 T. 16S R. 21E Meridian SL&M County Grand

Location 660 ft. N. of N Line and 1980 ft. E. of E Line of Section 15 Elevation 7653' KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Original Signed By
W. M. RAMSBURG

Signed W. M. Ramsburg Title Engineer

Date December 13, 1961

The summary on this page is for the condition of the well at above date.

Commenced drilling October 11, 1961 Finished drilling December 4, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from <u>7804</u> to <u>7810</u>	No. 4, from _____ to _____
No. 2, from <u>10,214</u> to <u>10,237</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4"</u>	<u>32.75#</u>	<u>8</u>	<u>H-40</u>	<u>493</u>	<u>Guide</u>	<u>None</u>			<u>Surface</u>
<u>7-5/8"</u>	<u>26.7#</u>	<u>8</u>	<u>J-55</u>	<u>6276</u>	<u>Guide</u>	<u>None</u>			<u>Intermediate</u>
			<u>N-80</u>						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>493</u>	<u>350</u>	<u>Pump & Plug</u>	<u>- cemented to surface.</u>	
<u>7-5/8"</u>	<u>6276</u>	<u>450</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

OLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 10,301 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Operations Suspended

December 6 1961

Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Cntr: Mountain States Drilg. Co, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	ELECTRIC LOG TOPS:		Wasatch 2714' Base Emery 7550'
			Mesa Verde 4176' Dakota Silt 9946'
			Sego 5666' Dakota 10,068'
			Buck Tongue 5817' Dakota (2nd Bench) 10,142'
			Mancos 6173' Buckhorn 10,210'
			Emery 6754' Morrison 10,274'
	OPERATIONS SUSPENDED:		Will resume operations at such time as well has been tested more completely as to potential production, or that a second well is drilled so that data is obtained which will materially aid in the completing of this well. Due to inclement weather, it is not anticipated that either case may occur before late Spring 1962, probably April or May.
EV-111-	MO-	10,301 FEET	FORMATION

		X
	15	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-02981
Unit Moon Ridge

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
Notice of Intention to Suspend Oper. X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 6, 1961

Moon Ridge Unit

Well No. #31-15 is located 660 ft. from N line and 1980 ft. from E line of sec. 15

NW NE Section 15 16S 21E SLB&M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Grand County Utah
(Field) (County or Subdivision) (State or Territory)

7639 Gr.

The elevation ~~of the bench mark~~ above sea level is 7653 ft. KB

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

T. D. : 10,301'

CASING: 10-3/4" to 493' with 350 sacks cement.
7-5/8" to 6276' with 450 sacks cement.

Propose to suspend operations by placing a cap with valve on the 7-5/8" casing until such time as the well has been sufficiently tested or until the surrounding acreage has been evaluated.

Verbal approval by Joe Harstead, 12-5-61.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SUPERIOR OIL COMPANY

Address P. O. Box 'G'

Cortez, Colorado

By ORIGINAL SIGNED BY
C. R. Waller
Title Engineer

THE SUPERIOR OIL COMPANY

P. O. DRAWER 6

CORTEZ, COLORADO

December 13, 1961

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. R. L. Schmidt

RE: Moon Ridge Unit #31-15
Section 15, T16S, R21E
Grand County, Utah

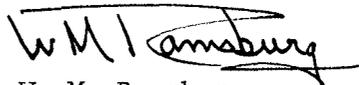
Dear Mr. Schmidt:

As discussed over the telephone yesterday, we will withhold final notices of Suspended Operations on our Moon Ridge Unit wildcat for the legal period of 90 days. At that time we will submit the electric logs and all other information pertinent to the well along with a letter requesting that said information be kept confidential for the maximum legal period.

However, as the USGS requires that this same information be filed within a period of 15 days following suspension of the well, we are filing that information with them at this time requesting that they keep it confidential.

Yours truly,

THE SUPERIOR OIL COMPANY



W. M. Ramsburg
Petroleum Engineer

WMR/njh

	X	
15		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-02981
Unit Moon Ridge

NOT FOR PUBLIS
INFORMATION

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
Notice of Intention to Suspend Oper., X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 4, 1962

Moon Ridge Unit
Well No. 31-15 is located 660 ft. from N line and 1980 ft. from E line of sec. 15

NW NE Section 15 16S 21E SL6M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ ^{7639 Gr.} above sea level is 7653 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

T.D.: 10,301'

CASING: 10-3/4" to 493' with 350 sacks cement.
7-5/8" to 6276' with 450 sacks cement.

Propose to suspend operations by placing a cap with valve on the 7-5/8" casing.

Operations have been suspended until data obtained from a second well and/or data obtained from further testing of this well indicate the manner in which this well is to be completed. Due to bad weather it is not anticipated that a second well can be spudded nor can complete tests be ~~conducted~~ conducted on this well until at least April or May, 1962.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Verbal Approval by Joe Harstead, 12-5-61.

Company The Superior Oil Company

Address P. O. Drawer 'G'

Cortez, Colorado

ORIGINAL SIGNED BY
By C. R. Waller
Title Engineer

Revised 12-31-60
REVISED COPY
(SUBMIT IN TRIPLICATE)

		X		
		15		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. U-02981
Unit Moon Ridge

NOT FOR PUBLIC INFORMATION

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent Report of Suspended Oper.	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 4, 1962

Moon Ridge Unit
Well No. 31-15 is located 660 ft. from [N] line and 1980 ft. from [E] line of sec. 15
16S 21E S1E&M
(Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~correlation floor~~ above sea level is 7653 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded: October 11, 1961
Operations Suspended: December 6, 1961
Total Depth: 10,301'
Casing: 10-3/4" @ 493' with 350 sacks cement.
7-5/8" @ 6276' with 450 sacks cement.
Cores: #1 (6032-6068') rec 34 1/2', 5 1/2' - sh, blk, N.S.; 29' - ss, gry, N.S.
#2 (6068-6081') rec 13', 12' - ss, gry, N.S.; 1' - sh, blk.
(Over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company (PLEASE KEEP THIS INFORMATION CONFIDENTIAL.)
Address P. O. Drawer 'G'
Cortez, Colorado
Original Signed By W. M. RAMSEURG
By W. M. Ramsburg
Title Engineer

THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO

January 29, 1962

State of Utah
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. R. L. Schmidt

Subject: Moon Ridge Unit #31-15
Section 15, T16S, R21E
Grand County, Utah

Dear Mr. Schmidt:

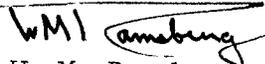
Enclosed are two (2) copies each of The Subsequent Notice of Suspended Operations, the History of Oil or Gas Well, and two copies each of the logs for the subject well.

It is no longer necessary that this information be kept confidential and hence may be released to those parties desiring said information. A release has also been sent to the United States Geological Survey, Salt Lake City, Utah.

Thank you for your co-operation in this matter.

Yours truly,

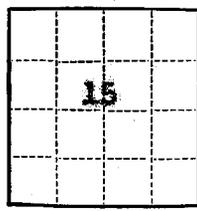
THE SUPERIOR OIL COMPANY


W. M. Ramsburg
Drilling Engineer

WMR/njh
File
Enc.

Copy H. R. E.
(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake**
Lease No. **U-02981**
Unit **MOON RIDGE**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Well Unknown

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 1, 19 62

Moon Ridge Unit

Well No. **31-15** is located **650** ft. from **[N]** line and **1980** ft. from **[E]** line of sec. **15**
NE1/4, Sec. 15, **16 S.**, **21 E.**, **S.L.**
 (Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Grand** **Utah**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **7639** ft. **Graded Ground Level.**
7650 **K.B.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- Expect to reenter capped hole and redrill open hole portion to 10,300 feet. (7-5/8" casing cemented to 6,276 feet).
- Will set 4-1/2" liner from 6,200 to T.D.
- Will perforate opposite Cedar Mountain (10,200-10,230), frac., and test.
- If not commercial, will perforate, frac., and test Castlegate (6,030-6,170).

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **PACIFIC NATURAL GAS EXPLORATION COMPANY**
 Address **366 South 5th East St.**
Salt Lake City 2, Utah
 By *M. Darwin Quigley*
M. Darwin Quigley
District Geologist
 Title _____

MDJ:den

November 7, 1962

Pacific Natural Gas Exploration Co.
366 South 3th East
Salt Lake City 2, Utah

Attn: M. Darwin Quigley, Dist. Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to Rework Well No. Moon Ridge Unit 31-15, which is located 660 feet from the north line and 1980 feet from the east line of Section 15, Twp. 16 South, Range 21 East, S1EM, Grand County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:cp

cc: D. F. Russell, Dist. Eng.
USGS - Salt Lake City, Utah

H. L. Coonts, Pet. Eng.
OGCC - Moab, Utah

OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Grand Field or Lease Moon Ridge Unit

The following is a correct report of operations and production (including drilling and producing wells) for through November 12, 1962

Agent's address 366 South Fifth East St. Company Pacific Natural Gas Exploration Co.

Salt Lake City 2, Utah Signed J.W. Bloom

Phone DAVIS 2-2583 Agent's title District Landman

State Lease No. _____ Federal Lease No. U-02981 Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW 1/4 NE 1/4 Sec. 15	16S	21E	31-15	Drilling	-	-	-	
<u>Old Well Workover</u>								
<p>Resumed operations September 18, 1962. Cleaned out to 8940', stuck drill pipe, while fishing on October 5, 1962 had downhole explosion. On October 7 set bridge plug at 7280' in attempt to shut off gas from deeper zones. Set 100 sacs cement on top of bridge plug with top of cement plug at 7003. Top of cement plug was gas cut, so new cement plug was set from 6550 to 7003. On October 18 this plug tested water so hole was squeezed from 5825' with 400 sacs cement with 1750 psig for 30 minutes. Hole tested on November 3, 1962 and cement job was okay. Started in new hole at 6306 on November 3rd. Now drilling at 7948 feet.</p>								

10170
+ 7653

- 2517
1937

586

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

FILE IN DUPLICATE

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

Copy H.Y.E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE Utah
LEASE NUMBER _____
UNIT Moon Ridge Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Moon Ridge Unit #1

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1962.

Agent's address 366 South Fifth East Street Company PACIFIC NATURAL GAS EXPLORATION COMPANY

Salt Lake City 2, Utah Signed J. V. Bloom

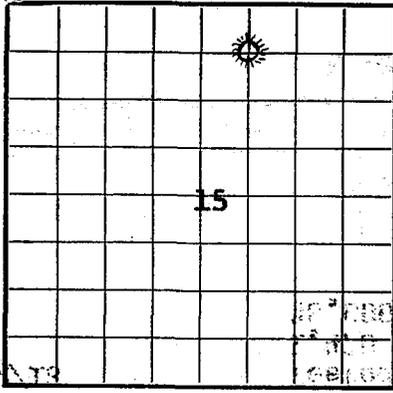
Phone Davis 2-2583 Agent's title District Landman

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										Gas flared while drilling with air at 9775-9795.
										Total depth 10,240. Sample top of Cedar Mountain 10,175. Well flowing an estimated 20 to 25,000,000 cubic feet gas per day. ✓
										Killed gas flow with 550 barrels of Number 3 diesel, ran 4-1/2 inch liner to 10,188 feet with 300 sacks cement. Cement collar at 10,122 feet.
										Cleaned out to total depth.
										Swabbing from 4,300 feet. Fluid level down to 2,500 feet below surface. Can make only one swab run and sand cuts out swab cups. ✓

NOTE.—There were none runs or sales of oil; none M cu. ft. of gas sold;

none runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER Utah-02981
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Pacific Natural Gas Company Exploration Company
366 South Fifth East Street
Salt Lake City 2, Utah

Lessor or Tract Moon Ridge Unit Field Wildcat State Utah

Well No. 31-15 Sec. 15 T. 16S R. 21E Meridian S. & B. 6-M. County Grand

Location 560 ft. [N. of N. Line and 198 ft. [E. of E. Line of Sec. 15] Elevation 7653 K. B.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records:

Signed: M. Darwin Quigley
M. Darwin Quigley
District Geologist

Date February 12, 1963 Title _____

The summary on this page is for the condition of the well at above date.

Commenced drilling September 18, 1962 Finished drilling November 20, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 10,170 to 10,240 (G) No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75#	8	J55-N80	493	Guide	None			Surface
7-5/8"	19.5#	8	J55-N80	624	Guide	None			Intermediate
4-1/2"	11.6#	8	J55-N80	4059	Float	None			Completion

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	493	350	Pump & plug	Cement to surface	
7-5/8"	6276	450	Pump & plug		
4-1/2"	6129-10188	300	Pump & squeeze		

PLUGS AND ADAPTERS

MARK

ILD

Leaving plug Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 5276 feet to 10,240 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed December 18, 1962. Put to producing Shut In for lack of Outlet, 19

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 48,000CF Gallons gasoline per 1,000 cu. ft. of gas 0.159

Rock pressure, lbs. per sq. in. 2250# S.I.P. at Surface.

EMPLOYEES

Barker Well Service, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Dakota - 10,030 Sample Cedar Mountain - 10,170 Sample
<p>Because of the strong gas blow trapping the drill pipe in the hole it was impossible to run any mechanical logs prior to running the 4-1/2 inch liner.</p>			
<p>* This report is supplementing that submitted by Superior Oil Company on December 13, 1961. The commencement date is the date on which Pacific Natural took over and started reworking the hole.</p>			
FROM—	TO—	TOTAL FEET	FORMATION

MARK

DATE	DEPTH	DIAMETER	TYPE OF CASING	REMARKS
9-15	300	4 1/2	STEEL	...
1-25	400	4 1/2	STEEL	...
10-28	320	4 1/2	STEEL	...

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DEPTH	DIAMETER	REMARKS
9/18 - 9/24			Cleaned out hole from bottom of casing at 6,276 to 8,940'.
9/24 - 10/7			Stuck pipe at 8,940'. Backed off at 7,683'. Attempts to washover fish resulted in two bottom hole explosions and loss of drill collars and drill pipe in hole.
10/7			Set bridge plug at 7,280' to shut off gas from lower zones.
10/7 to 10/27			Three attempts to get cement to set on top of bridge plug failed. Finally squeezed cement below packer. Set in casing at 6,212 feet, squeezed 400 sacks. Maximum squeeze pressure = 1,750 psig.
10/27 - 11/3			Drilled out cement and started drilling new hole at 6,400 feet.
11/3 - 11/20			Drilled to 10,240'. Maximum hole deviation 5-3/4 degrees at 9,515'. Hit strong flow of gas at 10,235' which threatened to blow drill pipe out of hole. Had to close blow out preventors. Estimated gas flow 20-30,000 MCFGPD.
11/20 - 11/22			Killed well with 550 barrels No. 3 diesel and ran 4-1/2 inch casing on liner hanger at 6,129'. Ran casing to 10,188 feet. Set packer collar at 10,122 feet and cemented above packer with 300 sacks.
11/22 - 11/27			Cleaned out cement, drilled casing shoe, and cleaned out to total depth.
11/28			Ran 2-3/8 inch tubing to 10,210 feet, with 1/2 weight set on liner hanger at 6,129 feet.
11/29 - 12/3			Swabbing diesel out of hole. Recovered 300 + or - barrels diesel.
12/4			Well blew in. 1,950# casing pressure after 3 hours. Calculated flow = 37,000 MCFGPD.
12/5			Put well head on and shut well in.
12/18			Tested well. FOG ON 100 MCFGPD at 1,470 psig tubing pressure. Calculated Open Flow = 48,000 MCFGPD. SHUT IN for Outlet.

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

FIELD NO. 1049-0580
DATE 1954

		0	15

copy H. L. E.

Land Office Utah
Lease No. U-02981
Unit Moon Ridge

(SUBMIT IN TRIPLICATE)
**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	X	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 9, 19 63

Moon Ridge Unit
Well No. 31-15 is located 660 ft. from {N} line and 1980 ft. from {E} line of sec. 15

C NW 1/4 NE 1/4 15 16 S 21 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Moon Ridge Unit Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ kelly bushing above sea level is 7653 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Pull Tubing
2. Clean out to total depth (10,240')
3. Run 3-1/2", 9.30#, J-55, flush joint, slotted liner from 10,240' - 10,150', perforated from 10,240' - 10,188'
4. Run 2-3/8", 4.7#, J-55, tubing to 10,235', bottom 4 joints to be flush joint
5. Inject 220 bbl's of liquid CO₂ through tubing
6. Flow well to clean up and return to production

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pacific Natural Gas Exploration Company

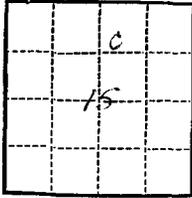
Address 366 South 5th East

Salt Lake City 2, Utah

Phone - 322-2583

By R. D. Geddes
R. D. Geddes

Title Petroleum Engineer



John H. K. 21

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-02981
Unit Moon Ridge

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 22, 1963

Moon Ridge

Well No. 31-15 is located 650 ft. from N line and 1980 ft. from E line of sec. 15

C 15 N 15 16S 21E S.L.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Moon Ridge Unit Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the original kelly bushing derrick floor above sea level is 7653 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

1. Pulled 2 3/8" tubing.
2. Cleaned out and deepened from 10,240' to 10,248', circulating with diesel fuel.
3. Ran 3 1/2" 9.3# J-55 Flush Joint liner 10,248' to 10,185'. Left 2 3/8" tubing connected to 3 1/2" liner.
4. Jet perforated 2-1/2" h.p.f. 10,236' to 10,244'.
5. Swabbed well on production. Well stabilized at 525# on a 3/4" orifice plate, which is a rate of 6.7 M²CFD.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pacific Natural Gas Exploration Company

Address 366 South Fifth East St.

Salt Lake City 2, Utah

Phone 322-2583

By R. D. Geddes
R. D. Geddes
Title Petroleum Engineer

Copy H. 4. 4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
Salt Lake

LAND OFFICE _____
LEASE NUMBER **Moon Ridge**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Moon Ridge Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1963, Pacific Natural Gas

Agent's address 366 South Fifth East Company Exploration Company
Salt Lake City 2, Utah

Phone 322-2583 Signed R. D. Giddes Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW 15	16S	21E	31	15						<p><i>Moon Ridge Unit</i></p> <p>Rigged up workover rig. Ran snub in 2-3/8" tubing, but snub would not go past 9434'. Failed 2-3/8" tubing, but found no obstruction in the tubing. Cleaned out hole to 10,220' (original depth). Hole contained fill from 10,220 - 10,240' which could not be removed without filling hole with diesel oil. Cleaned out hole to 10,240'. Attempted to run 3 1/2" F.J. liner, but liner stopped at 10,202'. Pulled liner. Welded bit on bottom of 3 1/2" F.J. liner and circulated hole clean to 10,240' and drilled ahead to 10,248'. Left 2-3/8" tubing tied on top of liner. Liner: 3 1/2" 9.3# J-55 F.J. 10,248' - 10,185' Perforated with 2.25 gram jets per foot from 10,236' - 10,244'. Installed Xmas tree and snubbed well on production. Stabilized rate of flow: 525# on a 3/4" orifice plate in a 2" critical flow prover. Approximate rate - 6700 Mcfd. 10/23 - Well shut in.</p>

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

NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



OIL RESOURCES INC.

Exploration Production

210 Petroleum Building P. O. Box 986
Telephone (406) 252-9303
BILLINGS, MONTANA 59103

September 1, 1972

Utah State Division
Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Scheree De Rose

Gentlemen:

Please be advised that effective July 1, 1972, Oil Resources Incorporated purchased the following wells from Pacific Lighting Exploration Company, and is now the operator.

Moon Ridge 31-15	Sec. 15	T16S-R21E	SLM
Segundo Canyon #2	Sec. 33	T16S-R21E	SLM
Segundo Canyon 23-4	Sec. 4	T17S-R21E	SLM

Very truly yours,



DONALD W. ALLEN
Treasurer

DWA/jcd

NORTHWEST PIPELINE CORPORATION

ROBERT E. GUTTERY
DIRECTOR
CERTIFICATES

P.O. BOX 1526
SALT LAKE CITY, UTAH 84110-1526
801-584-7116

October 4, 1982

RECEIVED
OCT 06 1982

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

Re: Well No. Moon Ridge 31-15
Docket No. UD 287-82

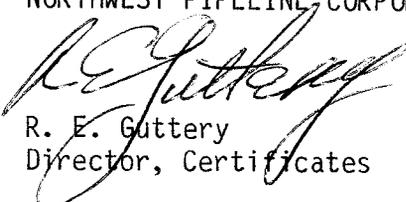
Gentlemen:

Northwest Pipeline Corporation (Northwest) submits herewith for filing its Notice of Increased Production for the referenced well in accordance with Section 271.805(a) of the Federal Energy Regulatory Commission's Regulations implementing the Natural Gas Policy Act of 1978.

Please accept this notice for filing and acknowledge its receipt by stamping the attached additional copy and returning it to the undersigned. Any questions may be addressed to Ms. Jan Wayman, (801) 584-7111.

Very truly yours,

NORTHWEST PIPELINE CORPORATION


R. E. Guttery
Director, Certificates

REG:kyn
Enclosures

cc: Federal Energy Regulatory Commission
J. C. Thompson

NOTICE OF INCREASED PRODUCTION
PURSUANT TO SECTION 271.805 OF THE FEDERAL
ENERGY REGULATORY COMMISSION'S REGULATIONS

Form 121 Dated: 5-25-82

Date Received by Jurisdictional Agency: 5-26-82 Docket No. UD 287-82

Date Approved by Jurisdictional Agency: 8-02-82

Date Received by Commission: N/A Docket No. _____

Well Name: Moon Ridge #31-15 (92-053) API Number: 43-019-15671

Location: Sec 15 T16S R21E Field/Reservoir: Moon Ridge/DK

County: Grand State: Utah

Operator: J. C. Thompson Purchaser: Northwest Pipeline Corp.-10466

Address: Suite 1219 Address: P. O. Box 1526

1700 Broadway Salt Lake City, UT 84110-1526

Denver, Colorado 80290

90-Day Production

<u>Month</u>	<u>Year</u>	<u>Days Flow</u>	<u>Vol. @ 14.73 psia in Mcf</u>	<u>Oil Production</u>
<u>Apr</u>	<u>82</u>	<u>30</u>	<u>1264</u>	<u>-</u>
<u>May</u>	<u>82</u>	<u>27</u>	<u>1320</u>	<u>-</u>
<u>June</u>	<u>82</u>	<u>30</u>	<u>5440</u>	<u>-</u>
	<u>TOTAL</u>	<u>87</u>	<u>8024</u>	<u>-</u>

Average Production for the 90-day period: 92 Mcf/day.

Total producing days in production period: 87

Total volume: 8024 Mcf.

Downtime

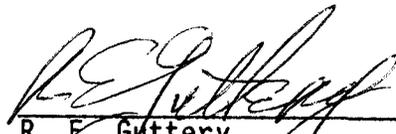
May 4 days shut-in by operator

STATE OF UTAH)
)
) :ss.
CITY AND COUNTY OF SALT LAKE)

I, R. E. GUTTERY, having first been duly sworn, states that I am a responsible official of Northwest Pipeline Corporation ("Northwest") and further states:

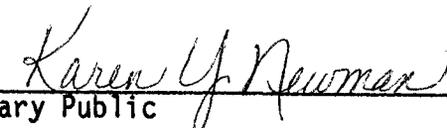
- i) that all the information contained in this notice is true to the best of my information, knowledge and belief; and,
- ii) that Northwest has served a copy of this notice on the interested jurisdictional agencies, the designated operators, and other purchasers.

Dated this 4th day of October, 1982.



R. E. Guttery
Director, Certificates
Northwest Pipeline Corporation - 10466
P. O. Box 1526
Salt Lake City, Utah 84110-1526

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the State and County aforesaid, on this 4th day of October, 1982.


Notary Public

My Commission Expires:

6-9-86



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 19, 1982

J. C. Thompson
1700 Broadway, Suite 1219
Denver, Colorado 80290

Re: Well No. Moon Ridge #31-15
Sec. 15, T. 16S, R. 21E.
Grand County, Utah

Gentlemen:

This office is receiving production reports on the above well from your company. We have not received any information stating that your company is now operator of this well. If your company has taken over operations, it is now your responsibility as operator to submit that operator name change to this office. Please send in that change stated on a Sundry Notice OGC-1b (enclosed). If you have not taken over responsibility of this well, please explain why your office is sending in the forms for this well.

Thank you for your prompt attention to the above matter.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

CF/cf
Enclosures



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 19, 1982

J. C. Thompson
1700 Broadway, Suite 1219
Denver, Colorado 80290

File

Re: Well No. Moon Ridge #31-15
Sec. 15, T. 16S, R. 21E.
Grand County, Utah

Gentlemen:

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Thank you for your prompt attention to the above matter.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

*10/26 -
Per your request*

** Also enclosing
3 copies of Form 9-331
for Fracture Treatment
CF/cf
Enclosures*

RECEIVED

OCT 21 1982

J. C. THOMPSON

NOV 01 1982

DIVISION OF
OIL, GAS & MINING

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Hern Olsen

an equal opportunity employer • please recycle paper

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

SHRINK IN TRIPLICATE*
(Instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.	U-02981
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	Moon Ridge
8. FARM OR LEASE NAME	Federal
9. WELL NO.	31-15
10. FIELD AND POOL, OR WILDCAT	Moon Ridge
11. SEC., T., E., M., OR BLK. AND SURVEY OR ABSSA	15-16S-21E
12. COUNTY OR PARISH	Grand
13. STATE	UT

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 checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR J. C. Thompson	
3. ADDRESS OF OPERATOR 1700 Broadway, Suite 1219-Denver, CO 80290	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL, 1980' FEL (NW NE)	
14. PERMIT NO. N/A	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7653 K.B.

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>Change of Operator</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

New operator. Formerly operated by
Grace Petroleum Corporation.

RECEIVED
NOV 01 1982

DIVISION OF
OIL, GAS & MINING

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

SIGNED J.C. Thompson TITLE Operator DATE 10-26-82

(This space for Federal or State office use)

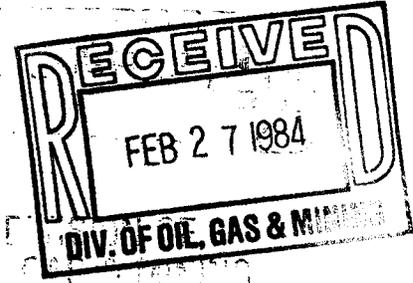
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

J. C. THOMPSON
INDEPENDENT OIL OPERATOR
410 - 17TH STREET, SUITE 1305
DENVER, COLORADO 80202

February 14, 1984

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, UT 84114



Attn: Claudia Jones
Well Records Specialist

RE: Utah Operated Wells

Dear Claudia,

Pursuant to your request, attached is a list of all producing wells which are operated by J. C. Thompson in the state of Utah.

Very truly yours,

Sandra S. Brown

Enclosure

Westwater #3
Sec 13, T17S-R23E, NENW
Grand County, UT

Moon Ridge #31-15
Sec. 15, T17S-R21E NWNE
Grand County, UT

Segundo Canyon 2
Sec 33, T16S-R21E SWSE
Grand County, UT

Segundo Canyon 23-4
Sec. 4, T17S-R21E NESW
Grand County, UT

Westwater M-15
Sec. 2, T17S-R23E NESE
Grand County, UT

Bull Canyon #1 4970
Sec. 4, T20S-R21E SWSE
Grand County, UT

Westwater Federal C#1
Sec. 12, T17S-R23E NENW
Grand County, UT

Westwater Federal D#1
Sec. 11, T17S-R23E SESE
Grand County, UT

Westwater Federal B#1
NWSE Sec. 17-T17S-R24E
Grand County, UT

Westwater #5
NESW Sec. 18-T17S-R24E
Grand County, UT

Bull Canyon #1 104
NWNE Sec. 4, T20S-R21E
Grand County, UT

Federal #1
SWSW Sec. 8-T17S-R24E
Grand County, UT

Castlegate C-2
SWNW Sec. 18-T17S-R24E
Grand County, Ut

Castlegate C-4
NENW Sec. 13-T17S-R23E
Grand County, UT

M-3 Horse Point
NWNW Sec. 7-T17S-R24E
Grand County, UT

M-4
SENE Sec. 6-T17S-R24E
Grand County, UT

M-6 Horse Point
NESE Sec. 32-T17S-R24E
Grand County, UT

E-2
SWSE Sec. 7-T17S-R24E
Grand County, UT

E-3
NENW Sec. 17-T17S-R24E
Grand County, UT

E-5
NWNE Sec. 18-T17S-R24E
Grand County, UT

Dakota M-1
SESW Sec. 1-T17S-R23E
Grand County, UT

Horse Point M-7
SWNW Sec 6-T17S-R24E
Grand County, UT

#1 Fed 675
NENW Sec 10-T20S-R21E
Grand County, UT

Castlegate C-5 (SI)
NWSE Sec. 12-T17S-R23E
Grand County, UT

Castlegate C-6
SENE Sec. 18-T17S-R24E
Grand County, UT

Castlegate C-7
NESE Sec. 7-T17S-R24E
Grand County, UT

Castlegate D-2
NWNE Sec. 18-T17S-R24E
Grand County, UT

Castlegate C-10
NWNE Sec. 13-T17S-R23E
Grand County, UT

RECEIVED

MAY 7 1984

Form 9-331

DIVISION OF OIL
GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
J.C. Thompson

3. ADDRESS OF OPERATOR 410 17th St., Ste. 1305
Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL, 1980' FEL (NW NE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

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

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

- Separate 2-3/8", J55, tubing from 3 1/2" flush jt. liner by chemical cut of tubing at 10,173' and by milling tubing-liner swedge at 10,185'. Fish out stub and swedge and junk inside tubing. Run in with spear, jars, attempt to recover 63' of liner and bit. If cannot recover, go in with liner mill and cut 57', then go back in with spear and remove remaining liner and bit.
- Cement new 3 1/2" liner from 10,248'-9,950' with 75 sacks.
- Perforate same zone as before: 10,236'-244' with 4 jets/ft.
- Perform sandfrac using 70,000# of 20-40 proppant and CO2.
- Replace old tubing with 10,235' of new 2-3/8" N80 tubing.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J.C. Thompson TITLE Operator DATE 4/27/84

(This space for Federal or State office use)

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

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92041018	M-2 17S. 23E. 12	06	03	1	10/85	0800
92050017	HORSE POINT UNIT M-7 17S. 24E. 4	06	03	1	10/85	1100
92259013	WESTWATER #3 17S. 23E. 13	06	03	2	10/85	1000
92263010	FEDERAL D-1 17S. 23E. 11	06	03	2	10/85	1100
92037010	E-5-E 17S. 24E. 18	06	03	5	11/85	0900
92038017	E-2-M 17S. 24E. 7	06	03	5	11/85	1000
92040011	M-1 17S. 23E. 1	06	03	5	11/85	1300
92108015	WESTWATER M-15 17S. 23E. 2	06	03	7	11/85	1000
92051013	SEGUNDO #2 16S. 21E. 33	06	03	3	12/85	1100
92052010	SEGUNDO #23-4 17S. 21E. 4	06	03	3	12/85	1300
92055016	MOUNTRIDGE #31-15 16S. 21E. 15. P	06	03	4	12/85	1100
92262014	FEDERAL C-1 17S. 23E. 12	06	03	6	12/85	0900
92301010	WESTWATER #5 17S. 24E. 18	06	03	6	12/85	1100
92039013	E-3-M 17S. 24E. 17	06	07	9	10/85	0830
92042014	M-3 17S. 24E. 7	06	07	9	10/85	1000
92043010	FEDERAL #1 17S. 23E. 13	06	07	9	10/85	0930
92048012	HORSE POINT UNIT M-4 17S. 24E. 6	06	07	10	10/85	1000
92049019	HORSE POINT UNIT M-6 16S. 24E. 32	06	07	10	10/85	0900

J. C. THOMPSON
INDEPENDENT OIL OPERATOR
410 - 17TH STREET, SUITE 1305
DENVER, COLORADO 80202

January 10, 1984

Mr. William Moore
NATURAL RESOURCES - Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

RE: Moon Ridge 31-15
State M-14
Segundo Canyon Unit 23-4
Westwater C-9-10
Federal 675-3
Grand County, Utah

Dear Mr. Moore

The enclosed Sundry Notices are in response to your letter dated September 11, 1984 regarding the captioned wells. We believe all items are satisfied except as noted on Federal 675-3. Please advise if you find any of these matters require additional attention.

Very truly yours,



J. C. Thompson

Enclosure

JCT:ssb

RECEIVED
JAN 14 1985

DEPARTMENT OF
OIL, GAS & MINING

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

SUBMIT IN TRIPLICATE*
 (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-02981
2. NAME OF OPERATOR J. C. Thompson		6. IF INDIAN, ALLOTED OR TRIBE NAME
3. ADDRESS OF OPERATOR 410-17th St., #1305, Denver, CO 80202		7. UNIT AGREEMENT NAME Moon Ridge
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FNL, 1980' FEL (NWNE) (A.P.I. No. 43-019-15671)		8. FARM OR LEASE NAME Federal
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7639 GR	9. WELL NO. 31-15
		10. FIELD AND POOL, OR WILDCAT Moon Ridge
		11. SEC., T., R., M., OR BLK. AND SUBST OR L&A Sec. 15-T16S-21E
		12. COUNTY OR PARISH 13. STATE Grand Utah

14. 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>Pit Repair</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 and completion to this work.)

November 5, 1984: Pit enlarged, fence repaired, rubbish cleared satisfying your letter dated September 11, 1984.

RECEIVED

JAN 14 1985

DIVISION OF
OIL, GAS & MINING

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

SIGNED J. C. Thompson TITLE Operator DATE 1/10/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.	U-02981
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	Moon Ridge
8. FARM OR LEASE NAME	Federal
9. WELL NO.	31-15
10. FIELD AND POOL, OR WILDCAT	Moon Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 15-T16S-21E
12. COUNTY OR PARISH	Grand
13. STATE	Utah

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. NAME OF OPERATOR J. C. Thompson	
3. ADDRESS OF OPERATOR 410-17th St., #1305, Denver, CO 80202	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL, 1980' FEL (NWNE) (A.P.I. No. 43-019-15671)	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7639 GR

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) Pit Repair <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.)*

November 5, 1984: Pit enlarged, fence repaired, rubbish cleared satisfying your letter dated September 11, 1984.

RECEIVED
JAN 14 1985
DIVISION OF
OIL, GAS & MINING

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

SIGNED J. C. Thompson TITLE Operator DATE 1/10/85

(This space for Federal or State office use)

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

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

6. Lease Designation and Serial Number
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number 31-15
2. Name of Operator JC Thompson		10. API Well Number 43-019-15671
3. Address of Operator 6500 S. Quebec #210 Englewood Co 80111	4. Telephone Number 303 220-7772	11. Field and Pool, or Wildcat Moonridge
5. Location of Well Footage : County : Grand State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Recompletion</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Multiple Completion</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input type="checkbox"/> Other _____</td><td></td></tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr><td><input type="checkbox"/> Abandonment *</td><td><input type="checkbox"/> New Construction</td></tr> <tr><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Pull or Alter Casing</td></tr> <tr><td><input type="checkbox"/> Change of Plans</td><td><input type="checkbox"/> Shoot or Acidize</td></tr> <tr><td><input type="checkbox"/> Conversion to Injection</td><td><input type="checkbox"/> Vent or Flare</td></tr> <tr><td><input type="checkbox"/> Fracture Treat</td><td><input type="checkbox"/> Water Shut-Off</td></tr> <tr><td><input checked="" type="checkbox"/> Other <u>workover</u></td><td></td></tr> </table> <p>Date of Work Completion : <u>6-22-91</u></p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>workover</u>	
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
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<input checked="" type="checkbox"/> Other <u>workover</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

reports attached

RECEIVED
DEC 13 1991
DIVISION OF
OIL GAS & MINING

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

Name & Signature <u>Brenda K. Sweetser</u>	Title <u>Off. Mgr. Operator</u>	Date <u>12-11-91</u>
---	------------------------------------	-------------------------

(State Use Only)

MOONRIDGE #31-15 WORKOVER - COILED TUBING

6/18/91

Moved Rocky Mountain Wireline to location. Rigged up mast truck and wireline truck. Ran in with 1 3/4" diameter magnet at the end of the wireline. Hit a tight spot at 10.072'. Could not go beyond that point. Pulled out of the hole. Changed the magnet with 1 3/4" impression block. Went back in. Hit the same tight spot. but were able to go down to 10.152'. (10.072' was where the chemical cut was made previously.) Pulled out the impression block. The picture showed a sharp object on the side. Changed impression block to 1 1/2" junk shot. Went down the hole. Went to 10.152'. Fired the shot. Pulled out of the hole. It was sticky coming out. Had to work the gun to free it. Ran back in and set down at 10.153'. Pulled out of the hole. Recovered the shot. The barrel of the gun was mushroomed. We were lucky to recover the gun. Left the truck and the wireline equipment on location to consult with JCT. Possibilities include running another shot or an impression block. JCT decided against either. Moved equipment off location.

6/22/91

Moved in Otis Coil Tubing unit to location. Has a difficult time getting up Hay Canyon. Were pulled by L&L's cat. Rigged up coil unit and ran in the hole with 1 1/4" tubing. Well had 250# of pressure on it. Ran in tubing to 10.145'. Did not tag anything. Set slips. Cut tubing off. Installed new valve. Rigged down coil tubing unit. Rigged up nitrogen truck to pump out tubing plug. Pumped 100,000 SCF of N2. Had a gas return with no fluid or sand. Circulated N2 for 1 hour. Well was clean. Rigged down N2 truck and coil unit. Shut in well. Released crew.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
2. NAME OF OPERATOR: J.C. THOMPSON OPERATOR, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 7979 E Tufts Ave Pkwy #815 CITY Denver STATE CO ZIP 80237		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Grand QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		8. WELL NAME and NUMBER: see attached list
PHONE NUMBER: (303) 220-7772		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 17, 2005, J.C. Thompson Operator, LLC became the operator of all wells on the attached list, which were previously operated by J.C. Thompson.

previous operator: J.C. Thompson
7979 E Tufts Ave Pkwy #815 N1240
Denver CO 80237-2873

by: *J.C. Thompson*

new operator: J.C. Thompson Operator, LLC
7979 E Tufts Ave Pkwy #815 N2805
Denver CO 80237-2843

State + Fee BOND # LPM 8756586
BLM Bond # LPM 4021517

NAME (PLEASE PRINT) <u>J.C. Thompson</u>	TITLE <u>Member and Manager</u>
SIGNATURE <i>J.C. Thompson</i>	DATE <u>3/17/2005</u>

(This space for State use only)

APPROVED 8/24/05

(5/2000)

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAY 25 2005

DIV. OF OIL, GAS & MINING

SCHEDULE OF PROPERTIES

J C Thompson Operator, LLC
(effective March 17, 2005)

<u>API No.</u>	<u>Lease No.</u>	<u>Well Name</u>	<u>Location (Grand County, Utah)</u>	
4301930169	ML-27428	State 428 #1	SWSE	5-T16S-R22E
4301930193	ML-21913	State 913 #1A	C SE	9-T16S-R22E
4301930706	ML-27406	Peterson Springs #1	NWSE	14-T17S-R21E
4301916206	UTU-05109	Horse Point Unit 1-X	NWNE	14-T16S-R23E
4301920154	UTU-020509	Horsepoint M-4	SENE	6-T17S-R24E
4301930013	ML-21613	Horsepoint M-6	NESE	32-T16S-R24E
4301930049	UTU-029600	Horsepoint M-7	SWNW	6-T17S-R24E
4301915671	UTU-02981	Moonridge 31-15	NWNE	15-T16S-R21E
4301915672	UTU-03008A	Segundo #2	SWSE	33-T16S-R21E
4301915673	UTU-04600	Segundo #23-4	NESW	4-T17S-R21E
4301930895	SL-071892	Westwater C-1	NENW	12-T17S-R23E
4301930891	SL-071892	Westwater D-1	SESE	11-T17S-R23E
4301930853	SL-071893	Westwater Unit #3	S2N2NW	13-T17S-R23E
4301930852	SL-071893	Westwater Unit #5	NESW	18-T17S-R24E
4301930892	SL-071892	Westwater B-1	NWSW	17-T17S-R24E
4301915657	SL-071892	Westwater E2	SWSE	7-T17S-R24E
4301915649	SL-071892	Castlegate 2	SWNW	18-T17S-R24E
4301915650	SL-071893	Westwater Castlegate 4	NENE	13-T17S-R23E
4301915652	SL-071892	Westwater Castlegate 6	SENW	18-T17S-R24E
4301915653	UTU-04011	Westwater Castlegate 7	NESE	7-T17S-R24E
4301915656	SL-071892	Castlegate D-2	NWNE	18-T17S-R24E
4301915654	SL-071891	Westwater C9-10	SWSE	10-T17S-R23E
4301930077	SL-071892	Westwater E5	NWNE	18-T17S-R24E
4301915658	SL-071892	Westwater E3	NENW	17-T17S-R24E
4301915662	UTU-04011	Westwater M3	NWNW	7-T17S-R24E

SCHEDULE OF PROPERTIES
J C Thompson Operator, LLC
Page 2

<u>API No.</u>	<u>Lease No.</u>	<u>Well Name</u>	<u>Location (Grand County, Utah)</u>	
4301915660	SL-071567	Westwater M1	SESW	1-T17S-R23E
4301915661	SL-071892	Westwater M2	NWSE	12-T17S-R23E
4301915647	UTU-026A	Bryson Canyon Govt #1	SWSW	8-T17S-R24E
4301930641	UTU-15889	Middle Canyon #4-30	SWSW	30-T16S-R24E
4301930925	UTU-30123	Middle Canyon #11-30	SENW	30-T16S -R24E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

July 26, 2005

J.C. Thompson Operator, LLC
7979 East Tufts Avenue Parkway, #815
Denver, Colorado 80237-2843

Re: Moon Ridge Unit
Grand County, Utah

Gentlemen:

On June 6, 2005, we received an indenture dated March 17, 2005, whereby J.C. Thompson resigned as Unit Operator and J.C. Thompson Operator, LLC was designated as Successor Unit Operator for the Moon Ridge Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective July 26, 2005. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Moon Ridge Unit Agreement.

Your Utah statewide oil and gas bond No. UTB000186 will be used to cover all Federal operations within the Moon Ridge Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Moon Ridge Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:7/26/05

RECEIVED

JUL 28 2005

DIV. OF OIL, GAS & MINING

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/26/2005

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/24/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/24/2005
3. Bond information entered in RBDMS on: 8/24/2005
4. Fee/State wells attached to bond in RBDMS on: 8/24/2005
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: U0068

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number LPM8756586**

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

** Bond rider deleted J. C. Thompson and added J. C. Thompson Operator, LLC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):
 N2805- J. C. Thompson
 8400 E Prentice Ave, Suite 735
 Greenwiid Village, CO 80111
 Phone: 1 (303) 220-7772

TO: (New Operator):
 N8060- National Fuel Corporation
 8400 E Prentice Ave, Suite 735
 Greenwood Villiage, CO 80111
 Phone: 1 (303) 220-7772

CA No.		Unit:		Moon Ridge		
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MR 31-15	15 160S 210E	4301915671	315	Federal	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/14/2012
- a. Is the new operator registered in the State of Utah: Business Number: 1260477-0143
- a. (R649-9-2)Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 8/14/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/31/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2012
- Bond information entered in RBDMS on: 8/31/2012
- Fee/State wells attached to bond in RBDMS on: 8/31/2012
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: LPM4021517
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM 8756586
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
2. NAME OF OPERATOR: NATIONAL FUEL CORPORATION <i>nrco</i>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8400 E Prentice Ave., Suite 7 Greenwood Village CO 80111	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 220-7772	8. WELL NAME and NUMBER: see attached list
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	9. API NUMBER: 10. FIELD AND POOL, OR WILDCAT:

COUNTY: **Grand**
STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2012, National Fuel Corporation succeeded J.C. Thompson Operator, LLC as operator of all wells on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. National Fuel Corporation is principal to the Statewide Utah Bond No. LPM4021517.

nrco
State: LPM 8756586

NAME (PLEASE PRINT) <u>Diane Thompson</u>	TITLE <u>President and Chief Operating Officer</u>
SIGNATURE <u><i>Diane Thompson</i></u>	DATE <u><i>July 30, 2012</i></u> <u>July 30, 2012</u>

(This space for State use only)

APPROVED

AUG 31 2012

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AUG 14 2012

(5/2000)

DIV. OIL GAS & M

(See Instructions on Reverse Side)

Rachel Medina
Engineer Tech

DIV. OF OIL, GAS & MINING

PHONE 303-220-7772
FAX 303-220-7772

J. C. THOMPSON OPERATOR, LLC
8400 E. Prentice Ave. – Suite 735
Greenwood Village, Colorado 80111

August 9, 2012

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AUG 14 2012

DIV. OF OIL, GAS & MINING

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Operator Change
J.C. Thompson Operator, LLC to National Fuel Corporation

J.C. Thompson Operator, LLC, the operator of certain wells located in Grand County, Utah, requests that the designated operator of all wells be changed to National Fuel Corporation effective June 1, 2012. Accordingly, enclosed for approval is the Sundry Notice (submitted in triplicate) regarding the leases.

National Fuel Corporation is principal to its Statewide Utah Bond #LPM4021517 and the bond has been previously provided to the Salt Lake City office. The Resignation of Unit Operator and Designation of Successor Operator will also be provided accordingly.

Please advise if any additional information or documentation is required.

Sincerely,



Lynne Jansons
Land and Contract Management
National Fuel Corporation
303.996.6776 (office)
303.220.7773 (fax)
ljansons@national-fuel.com

enclosures