

FILE NOTATIONS

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

Checked by Chief *AMB*
Approval Letter *12-3-69 IN WAIT*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *4-23-70*
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.) *5*.....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
EBLog..... CCLog..... Others.....

December 2, 1969

Mr. F. A. Salwerowicz, Acting District Engineer
U. S. Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Re: Lease No. U-029600 - Lot 5, Sec. 6
T. 17S, R. 24E., SLB&M . . . Well No. M-7
Grand County, Utah

Dear Mr. Salwerowicz:

Enclosed, in triplicate, Form 9-331C dated December 2, 1969,
Application for Permit to Drill with attached "Survey of Well
Location" on subject well, for your approval.

Very truly yours,

OIL INCORPORATED


M. C. Wissmar
Treasurer

MCW:vw
Enclosures (3)

X cc: w/enclosures (2)
Mr. Cleon B. Feight, Executive Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Oil Incorporated, Operator

3. ADDRESS OF OPERATOR
72 East Fourth South, Suite 240, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface **2, 814. 3/4 of N Line - 785' E of W line of Section 6**
 At proposed prod. zone **SE, SW, NW NE, WSW Long Section**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
GR - 6, 076

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 16. NO. OF ACRES IN LEASE
 17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH
 20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR - 6, 076

5. LEASE DESIGNATION AND SERIAL NO.
U-029600
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
Horse Point Unit
 8. FARM OR LEASE NAME
 9. WELL NO.
M-7
 10. FIELD AND POOL, OR WILDCAT
Westwater Test
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Lot 5 - Sec. 6 T. 17S, R. 24E, SLB&M
 12. COUNTY OR PARISH
Grand
 13. STATE
Utah

22. APPROX. DATE WORK WILL START*
Dec. 15, 1969

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Drill 12 1/4" hole - set 9-5/8" surface casing to 120 ft. Cement 60 sax to surface

Drill 8-3/4" hole - set 7" intermediate casing to 1850 ft. Cement 50 sax

Drill 6 1/2" hole to depth of 5900 ft. through Dakota Sandstone. If productive run 4 1/2" casing to 5900 ft. Cement 100 sax.

Estimated Dakota Sandstone - 5, 250 ft.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
 DATE **12-3-69**
 BY **Sam B. Jeynes**

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.

*Request topographical exception under rule C 3
 We own or control all acreage within 660 ft.*

24. SIGNED M. C. Wissman TITLE Treasurer DATE December 2, 1969

(This space for Federal or State office use)
 PERMIT NO. 43-019-30049 APPROVAL DATE _____

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

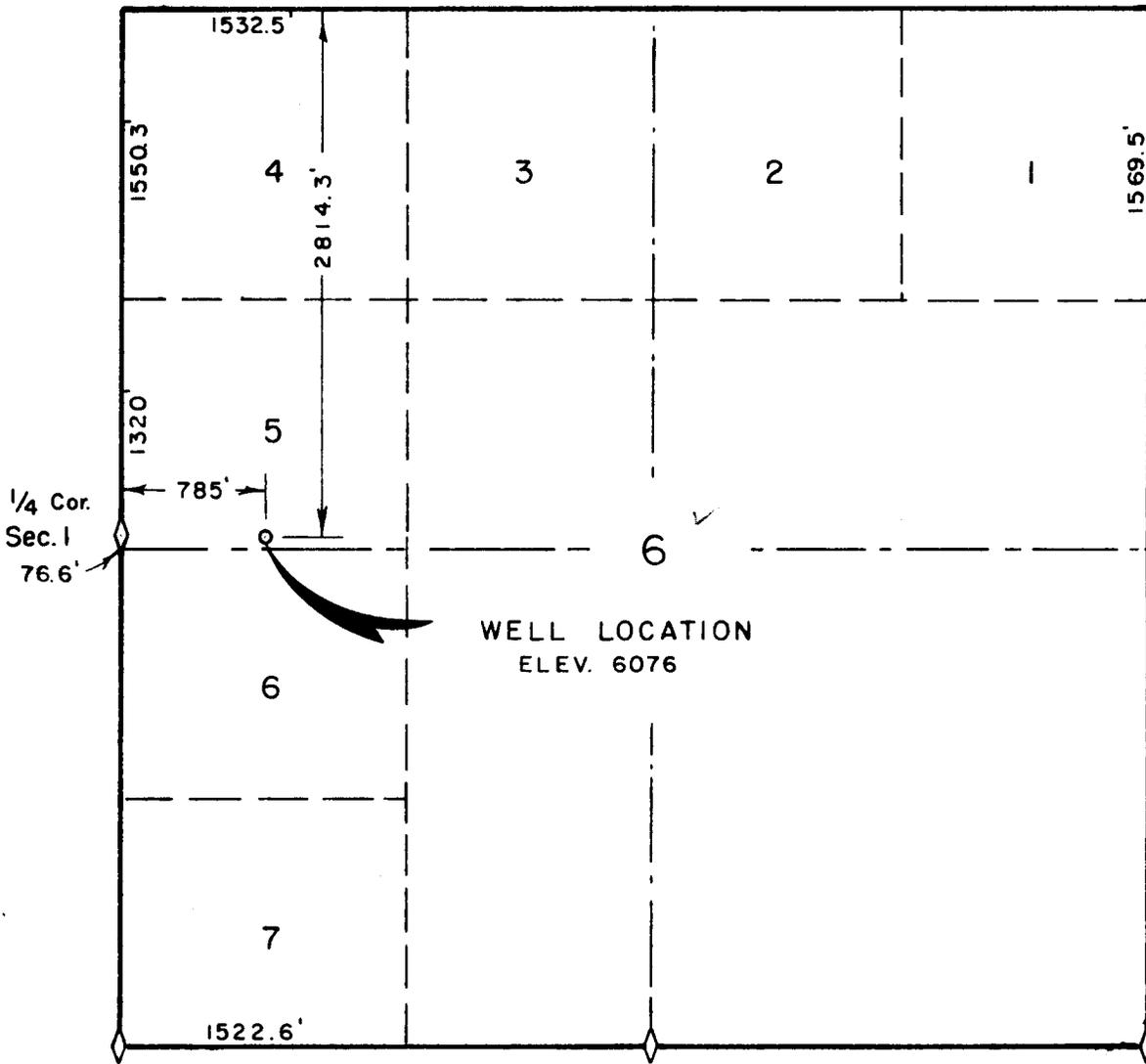
WELL LOCATION

2814.3 ft. SNL - 785 ft. EWL

LOT 5 - SECTION 6
T17 S, R24 E, SLB&M
GRAND COUNTY, UTAH



Scale 1" = 1000'



NOTE: Elev. run from M-1. Elev. 5850.2

I, William F. Quinn do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Nov. 4, 1969.

William F. Quinn
Registered Land Surveyor

WESTERN ENGINEERS, INC.
WELL LOCATION
OIL INCORPORATED
M 7 WELL
GRAND COUNTY, UTAH

SURVEYED W.F.Q. DRAWN G.L.A.
GRAND JUNCTION, COLO. 11/20/69

MP
PI

File DEC 15 1969
M-7

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

December 8, 1969

Oil Incorporated
72 East Fourth South Street
Salt Lake City, Utah 84111

Gentlemen:

Returned herewith, unapproved, is your application for permit to drill well No. M-7, lease Utah 029600. The proposed location is 56' from the southern lease boundary line.

According to 30 CFR 221.20, no well may be drilled within 200' of the outer boundaries of the leased lands, except for good reasons acceptable to the Supervisor. You requested an exception to this restriction due to topographic reasons. On December 6, I made a ground inspection of this proposed location and am of the opinion that it could be moved north-east or north-northeast staying on the east side of the creek bottom.

Therefore, based on my inspection, this proposed off-pattern location is unacceptable and will not be approved.

Sincerely yours,

(Orig. Sep.) RUDOLPH C. BAIER, JR.

Rudolph C. Baier, Jr.
Acting District Engineer

Attachment

cc: Casper
State Oil & Gas Com. ✓



OIL INCORPORATED

Salt Lake City, Utah 84111

December 19, 1969

Suite 240
Federated Security Building
72 East Fourth South
Phone (801) 364-1103

Mr. Rudolph C. Baier, Jr.
Acting District Engineer
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

Re: Lease No. U-029600 - Lot 5, Sec. 6
T.17S, R.24E., SLB&M. . . Well No. M-7
Grand County, Utah

Dear Mr. Baier:

Enclosed, in triplicate, Form 9-331C dated December 19, 1969
Application for Permit to Drill with attached "Survey of Well
Location" on subject well for your approval and replaces application
dated December 2, 1969.

Very truly yours,

OIL INCORPORATED


M. C. Wissmar
Treasurer

MCW:vw
Enclosures (3)

cc: w/enclosures (2) one for approval and return
Mr. Cleon B. Feight, Executive Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Oil Incorporated, Operator

3. ADDRESS OF OPERATOR
 72 East Fourth South, Suite 240, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 2, 595 ft. S of N line -- 960' E of W line of Section 6
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6, 083

22. APPROX. DATE WORK WILL START*
 As soon as road is built

5. LEASE DESIGNATION AND SERIAL NO.
 U-029600

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
 M-7

10. FIELD AND POOL, OR WILDCAT
 Westwater Test

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Lot 5 - Sec. 6
 T. 17S, R. 24E, SLB&M

12. COUNTY OR PARISH 13. STATE
 Grand Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Drill 12 $\frac{1}{4}$ " hole - set 9-5/8" surface casing to 120 ft. Cement 60 sax to surface.

Drill 8-3/4" hole - set 7" intermediate casing to 1850 ft. Cement 50 sax

Drill 6 $\frac{1}{4}$ " hole to depth of 5900 ft. through Dakota Sandstone.
 If productive run 4 $\frac{1}{2}$ " casing to 5900 ft. Cement 100 sax.

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 _____ TITLE Treasurer DATE December 19, 1969

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Oil Incorporated, Operator

3. ADDRESS OF OPERATOR
72 East Fourth South, Suite 240, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 2,595 ft. S of N line -- 960' E of W line of Section 6
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

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19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6, 083

22. APPROX. DATE WORK WILL START*
As soon as road is built

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Drill 12 1/4" hole - set 9-5/8" surface casing to 120 ft. Cement 60 sax to surface.

Drill 8-3/4" hole - set 7" intermediate casing to 1850 ft. Cement 50 sax

Drill 6 1/4" hole to depth of 5900 ft. through Dakota Sandstone.
If productive run 4 1/2" casing to 5900 ft. Cement 100 sax.

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 _____ TITLE Treasurer DATE December 19, 1969

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

February 13, 1970

~~Mr. Rodney A. Smith, District Engineer
U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111~~

Re: Lease No. U-029600 - Lot 5, Sec. 6
T.17S, R.24E., SLB&M . . . Well No. M-7
Grand County, Utah

Dear Mr. Smith:

Enclosed, in triplicate, Form 9-331C dated February 13, 1970,
Application for Permit to Drill with attached "Survey of Well
Location" on subject well for your approval and replaces
application dated February 5, 1970.

Very truly yours,

OIL INCORPORATED



M. C. Wissmar
Treasurer

MCW:vw
Enclosures (3)

~~cc:~~ w/enclosures (2) one for approval and return
Mr. Cleon B. Feight, Executive Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
U-029600

6. IN INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Horse Point Unit

8. FARM OR LEASE NAME

9. WELL NO.
M-7

10. FIELD AND POOL, OR WILDCAT
Westwater Test

11. SEC., T., R., M., OR BLK.
AND SURVEY OF AREA
**Lot 5 - Sec. 6
T. 17S, R. 24E, S1B&M**

12. COUNTY OR PARISH | STATE
Grand | Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Oil Incorporated, Operator

3. ADDRESS OF OPERATOR
72 East Fourth South, Suite 240, Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface **2, 595 ft. S of N line -- 960' E of W line of Section 6**
At proposed prod. zone **S E S W N W**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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19. PROPOSED DEPTH

20. ROTARY OR TABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 6, 083

22. APPROX. DATE WORK WILL START*
within 15 days of approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Drill 12 1/4" hole - set 9-5/8" surface casing to 120 ft. Cement 60 sax to surface.

Drill 6-3/4" hole - set 7" intermediate casing to 1850 ft. Cement 50 sax.

Drill 6 1/2" hole to depth of 5900 ft. through Dakota Sandstone. If productive run 4 1/2" casing to 5900 ft. Cement 100 sax.

This new location replaces application to drill, filed February 5, 1970, which was shown as 2, 814. 3 S of N line - 785' E of W line of Section 6.

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 M. C. Wassman TITLE Treasurer DATE February 13, 1970

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ APPROVED BY DIVISION OF OIL & GAS CONSERVATION

CONDITIONS OF APPROVAL, IF ANY : _____ DATE 2-17-70 BY Paul W. Buckley

*See Instructions On Reverse Side



OIL RESOURCES INC.

Exploration Production

210 Petroleum Building P. O. Box 986
BILLINGS, MONTANA 59103

May 11, 1970

State of Utah
Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Re: Oil Inc. #M-7 Westwater Joint Venture
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 6 - 17 South, 24 East
Grand County, Utah

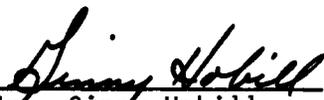
Gentlemen:

Enclosed for your files please find a copy of the Drilling Report and History prepared by Mr. Max Krey, Geologist, regarding the above captioned well.

Very truly yours,

OIL RESOURCES INCORPORATED

By:


Mrs. Ginny Hobill
Geological Secretary

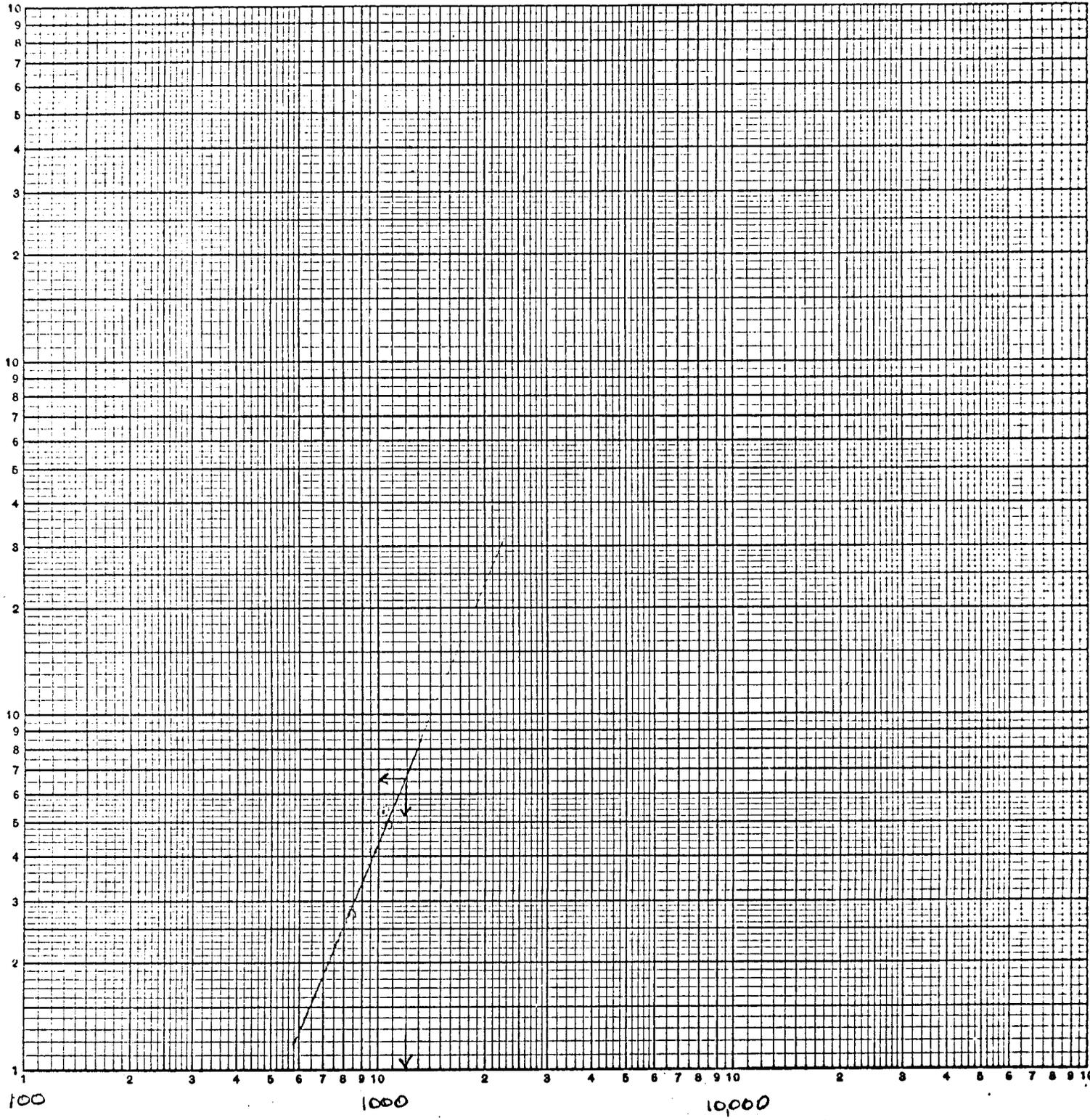
glh

Enclosure

Oil Incorporated
 Horsepoi Unit, Well No. M-7
 SW NW Sec. 6-T17S-R24E
 Grand County, Utah

$R^2 = P_w^2 \times 10^5$

K&E LOGARITHMIC 46 7403
 3 X 3 CYCLES MADE IN U.S.A.
 KEUFFEL & ESSER CO.



Q - MCF/D

AOF = 1,200 MCF/D



OIL INCORPORATED

Salt Lake City, Utah 84111

PE/10

Suite 240
Federated Security Building
72 East Fourth South
Phone (801) 364-1103

May 12, 1970

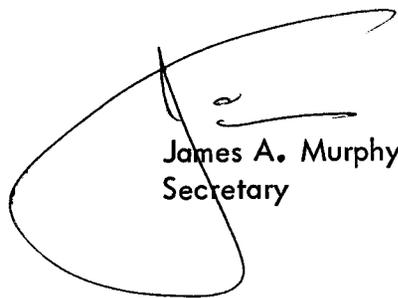
Mr. Paul Burchell
State Oil and Gas Commission
State Capitol Building
Salt Lake City, Utah

Dear Mr. Burchell:

I forward for your information, two copies of the Drilling Report on the M-7 well prepared by Mr. Max Krey, Geologist, Grand Junction, Colorado. I am awaiting the report of Mr. E. N. Walsh before giving you all completion data on this well. As soon as Mr. Walsh's report is received, I will forward the same together with the completion data to you.

Best Regards,

OIL INCORPORATED



James A. Murphy
Secretary

JAM/mas

Enclosures

DRILLING REPORT

Westwater Area - Horse Point Unit
Well #M-7

LEASE: UTAH SL-029600
OPERATOR: Willard Pease and Oil, Incorporated
LOCATION: Grand County, Utah
Lot #5 SW 1/4 NW 1/4 Section 6 T 17S R 24E SLM
960' from West Line; 2595 from North Line
ELEVATION: Ungraded G. L. 6083 K. B. 6093
CONTRACTOR: Willard Pease Drilling Company
Rig #1 Jim Lang, Pusher
REPORT BY: Max Krey, Geologist

DRILLING HISTORY

4/3/70 Moving in and rigging up.

4/6/70 Commenced drilling surface hole; hit surface water at 38', mudded up. Drilling 12 1/4 hole, 10 3/4 casing wouldn't run; reamed to 13 3/4. Ran 174' 10 3/4" six jts, 32# 8 Rd used casing. Set at 168' K. B. with 100 sx reg cement & 2% (2 sx) CaCl. Plug down at 1 p.m.

4/7/70 Nipple up, drill cement & blow hole dry and drill ahead with air. Hit water at 245', just enough to mud hole. Started injecting with CaCl water and detergent. Bit #1 Reed YSIG from 170 to 1279.

4/8/70 Bit #2 on at 1279 drlg @ 1621 at noon; top of Castlegate around 1655, mist injecting, hole unloading at 190# above 1630; at 215# after 1630 drilled to 1750 at 2 p.m. Short trip with drill pipe started running 7" casing at 5 p.m. Down at 7 p.m. Run 52 jts 7" 8 Rd 23# casing 1743.78', set at 1742 K. B. Cemented with 50 sx reg cement and 2% (1sx) CaCl. Plug down at 8 p.m. Displaced with 67 1/2 bbls water.

4/9/70 Nippled up. Started drilling new hole with air @ 3 p.m. 2 degrees deviation at 2500. Drilling at 2620 at midnight.

4/10/70 Drilled to 3487, cuttings became damp. Trip for bit at 3495. Bit #3; 6 1/8" Reed YSI drilled 1745' in 16 hrs. Hole wouldn't dry up when back on bottom. Started mist drilling with CaCl water and soap. Drilled to 4141 at midnite. Short trip at 4472 to move float up in string, 40 ft. fillup on bottom.

4/11/70 Mist drilling 4535 at 12 noon. 2 1/4 degrees at 4350. Trip for bit at 4352. Bit #4 Reed YSI 6 1/8 drilled 857' in 10 1/2 hours.

4/12/70 Trip for Bit #6 at 5225'; Bit #5; Reed YHW drilled 873 in 13 3/4 hours; 60' of fillup to get back on bottom. Drilling at 5400 at 8 a.m. Gas ignited at blooie line at 5525. Bit locked up at 5561 @ 5 p.m. Tripped for Bit #7; couldn't get back to bottom, mudded up hole.

4/13/70 Mudding up and drilling back to bottom. Drilled to 5570 by midnight.

4/14/70 Drilled to 5600 total depth by 9:20 a.m.; circulated, short trip, came out of hole to run logs. Logging completed by midnight. Preparing to run 4 1/2 casing.

RESUME LITHOLOGY LOG
Corrected to Schlumberger Log (K. B. Datum)

0-50 Surface fill and creek gravel, minor water at 38'.

50-245 Interbedded gray silty shale and arenaceous sandstone. Formation damp at 245', started injecting detergent.

245-320 Shale gray to light gray silty in part to fine to medium grain, poorly sorted gray sandstone.

320-480 Shale gray silty in part.

480-650 Sandstones gray fine grained silty with interbedded gray silty shale.

650-750 Shale gray silty with siltstone stringers; minor coal stringers.

750-860 Sandstones, gray fine to medium grain with interbedded gray silty shale.

860-940 Shale gray silty.

940-1010 Sandstone gray fine to medium grain with gray silty shale.

1010-1130 Shale gray silty with siltstone stringers; minor coal beds.

1130-1230 Sandstone very fine to medium grain, angular to subrounded, all individual grains.

1230-1310 Sandstone as above with interbedded gray silty shale.

1310-1655 Buck Tongue of Mancos Shale. Gray, soft, bentonitic.

1655-1710 Castlegate Sandstone. Light gray, fine to medium grain, well sorted. No stain or fluorescence, slight reverse drilling break from 1657 to 1695. Air pressure increased from 190 to 210#. Slight increase in water from blooie line.

1710-1750 Siltstone gray hard with interbedded shale. Ran 7" casing to 1743'

Air drilling with 6 1/8" hole

1750-3487 Shale, gray soft, silty in part. Hole damp on connection at 3487. Tripped for bit; could not dry up hole; started soap injection with calcium chloride water.

Mist injection with 6 1/8" hole.

3487-5305 Shale dark gray bentonitic in part to silty in part. Some siltstone ribs.

5305-5320 "F" zone top at 5305 (plus 788 datum) Reverse drilling break from 5307 to 5327. Siltstone light gray to poorly sorted sandstone. Few large quartz grains.

5320-5370 No samples.

5370-5390 Shale gray silty.

5390-5420 Siltstone to poorly sorted hard sandstone. Sample predominately shale. Reverse drilling break from 5387 to 5416.

5420-5490 Shale, gray to black, bentonitic w silstone stringers.

5490-5500 Siltstone to poorly sorted sandstone, sample predominately shale drilled show and hard.

5500-5510 Shale gray silty.

5510-5540 Sandstone brown, very fine to medium grain, angular to subrounded, poorly sorted. No fluorescence. Only few pieces in samples. Sample predominately shale. Drilled approximately 2 minutes per foot, gas ignited on blooie line at 5525 (possible error in measurement).

5540-5550 Shale, gray.

5550-5560 Sandstone, white, very fine, rounded to well rounded. Hard, tight.

5560-5580 Shale, light gray to gray green. Smooth textured, also the beady to glauconitic variety.

5580-5600 Shale, dark red at top to bright red, varicolored sample mostly cavings from Mancos Shale.

5600 Total depth.

4/14/70 Ran Schlumberger Induction-Electrical, Gamma-Ray - Sonic and Formation Density logs to 5597 feet.

PHB



OIL RESOURCES INC.
Exploration & Production

210 Petroleum Building P. O. Box 986
BILLINGS, MONTANA 59103

June 15, 1970

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

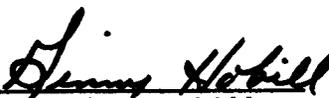
Re: Oil Incorporated #M-7 Horsepoint Unit
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 6 - 17 South, 24 East
Grand County, Utah

Gentlemen:

Enclosed for your files please find a copy of the approved "Subsequent Report of Water Shut-Off" and the "Subsequent Report of Fracture Treatment" which were filed with the United States Geological Survey regarding the above captioned well.

Very truly yours,

OIL RESOURCES INCORPORATED

By: 
Mrs. Ginny Hobill
Geological Secretary

glh

Enclosures 2

Form 9-331
(May 1968)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

BR. OF OIL & GAS OPERATIONS

6. LEASE DESIGNATION AND SERIAL NO.

U-029600

JUN 1 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.)

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

U. S. GEOLOGICAL SURVEY
SOUTH SALT GAS WELLS
WELL OTHER

7. UNIT AGREEMENT NAME

Horsepoint Unit

2. NAME OF OPERATOR
Oil Incorporated, Operator

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
Post Office Box 986, Billings, Montana, 59103

9. WELL NO.

M-7

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

10. FIELD AND POOL, OR WILDCAT

Westwater

2,595' S. of N. line, 960' E. of W. line

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

Sec. 6 - T17S, R24E SLB&M

14. PERMIT NO.

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

6083' G.L.

12. COUNTY OR PARISH

13. STATE

Grand

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)*

4-5-70 Well spudded.

4-6-70 Ran surface casing, 5 jts. 10-3/4", 32.75#, H-40 casing (160') set at 167' with 100 sacks class "A" cement with 2% calcium chloride. Cement circulated to surface. Test with 500#, test O.K.

4-8-70 Ran intermediate casing, 52 jts, 7", 23.0#, J-55 casing (1733') set at 1742' with 50 sacks class "A" cement with 2% calcium chloride. Test with 1000#, test O.K.

4-15-70 T.D. 5603'. Ran production casing, 172 jts., 4-1/2", 9.50#, J-55 casing (5595') set at 5603' with 100 sacks class "A" cement with 1% calcium chloride. Test with 2,000#, test O.K.

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

SIGNED Ewell N. Walker

TITLE Consulting Field Engineer

DATE June 8, 1970

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) R. A. SMITH

TITLE DISTRICT ENGINEER

DATE JUN 10 1970

CONDITIONS OF APPROVAL, IF ANY:

Form 4-331
(May 1968)
RECEIVED
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC.
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
U-029600

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Horsepoint Unit

8. FARM OR LEASE NAME

9. WELL NO.
M-7

10. FIELD AND POOL, OR WILDCAT
Westwater

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARRA
Sec. 6-T17S-R24E SLB&M

12. COUNTY OR PARISH 13. STATE
Grand Utah

2. NAME OF OPERATOR
Oil Incorporated, Operator

3. ADDRESS OF OPERATOR
Post Office Box 986, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2,595' S. of N. line, 960' E. of W. line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6083 G.L.

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 checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input 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.)*

4-21-70 T.D. 5603' C.O. T.D. 5565'

Perforated 5518'-5536' with 4 jets per foot, sandwater fracture Dakota with 20,700 gallons water and 13,000 pounds 20-40 sand with 30 lbs. per 1,000 gallons of WAC-9 and 3 gallons per 1,000 gallons of Halco Suds. Breakdown pressure--none, pump in at 2,700 PSIG. Average treating pressure--3,000 PSIG, average injection rate--20 BPM. Shut in pressure--instantaneous--1800 PSIG, 5 minute--600 PSIG, 15 minute--none. Hydraulic Horsepower 1323 HHP.

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

SIGNED Ewell N. Walsh TITLE Consulting Field Engineer DATE June 8, 1970

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) R. A. SMITH TITLE DISTRICT ENGINEER DATE JUN 10 1970

CONDITIONS OF APPROVAL, IF ANY:

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

XXXXXX
XXXXXX

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 5-19-70		
Company Oil Incorporated			Connection Grand Valley Transmission Co.			
Pool Westwater			Formation Dakota		Unit Horsepoint Unit	
Completion Date 4-23-70		Total Depth 5603	Plug Back TD 5565	Elevation 6093 K.B.	Farm or Lease Name	
Csq. Size 4.500	Wt. 9.50	d 4.090	Set At 5603	Perforations: From 5518 To 5536		Well No. M-7
Tbg. Size 1.900	Wt. 2.76	d 1.610	Set At 5534	Perforations: From 5528 To 5534		Unit Sec. Twp. Rje. 6 17S 24E
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Grand
Producing Thru Tubing		Reservoir Temp. °F 142 @ 5600	Mean Annual Temp. °F --	Baro. Press. - P _g 12.0		State Utah
L --	H --	G _g 0.610	% CO ₂ --	% N ₂ --	% H ₂ S --	Prover 2"
Meter Run --		Taps --				

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	x	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							801		802	
1.	2		0.250	552		64	552		610	1 hr.
2.			0.375	307		68	307		486	1 hr.
3.			0.560	175		69	175		401	1 hr.
4.			0.750	72		68	72		344	1 hr.
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	1.4030		564	0.9962	0.9918	1.053	823
2	3.0691		319	0.9924	0.9918	1.026	989
3	5.5233		187	0.9915	0.9918	1.016	1,033
4	12.2023		84	0.9924	0.9918	1.008	1,017
5							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 814	P _c ² 662,596					
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1		622	386,884	275,712		
2		498	248,004	414,592		
3		413	170,569	492,027		
4		356	126,736	535,860		
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
--

Absolute Open Flow <u>1,200</u> Mcfd @ 15.025	Angle of Slope @ _____	Slope, n <u>0.41</u>
Remarks: _____		

Approved By Commission:	Conducted By: C. W. Taylor	Calculated By: Ewell N. Walsh	Checked By:
-------------------------	--------------------------------------	---	-------------

OIL RESOURCES INCORPORATED
EXPLORATION AND PRODUCTION
210 PETROLEUM BUILDING
BILLINGS, MONTANA 59103

June 25, 1970

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

Re: Oil Incorporated #M-7 Horsepoint Unit
SW 1/4 Section 6 - 17 South, 24 East
Grand County, Utah

Gentlemen:

Enclosed in triplicate please find Form No. 9-330, "Well Completion or
Recompletion Report and Log," along with copies of the Multipoint and One
Point Back Pressure Test and Curve for Gas Well and the Drilling Report
prepared by Mr. Max Krey, Geologist, regarding the above captioned well.

Very truly yours,

OIL RESOURCES INCORPORATED

By: *Ginny Hobill*
Mrs. Ginny Hobill
Geological Secretary

gjh

Enclosures 12

✓cc: State of Utah
Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116
(With one copy of each of the above enclosures)

JUN 25 1970

*Van Cummings
4/26/70*

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.

M/S 12 PT

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. REBVR. Other _____

2. NAME OF OPERATOR
Oil Incorporated

3. ADDRESS OF OPERATOR
Post Office Box 986, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2595' FNL, 960' FWL, Sec. 6, T17S, R24E
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
Utah 029600

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Horsepoint

8. FARM OR LEASE NAME
Government

9. WELL NO.
M-7

10. FIELD AND POOL, OR WILDCAT
Westwater

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6-T17S-R24E

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH
Grand

13. STATE
Utah

15. DATE SPUNDED 4/6/70 16. DATE T.D. REACHED 4/14/70 17. DATE COMPL. (Ready to prod.) 4/23/70 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6083 G.L. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5600 21. PLUG, BACK T.D., MD & TVD 5565 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5600' CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5518'-5536' Dakota 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction-Electrical, Gamma Ray-Sonic, Formation Density 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
10-3/4"	32.75#	168'	13-3/4"	100 sacks regular	None
7 "	23.00#	1742'	8-3/4"	50 sacks regular	None
4-1/2"	9.50#	5603'	6-1/8"	100 sacks regular	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/2"	5534'	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5518-5536	250 gallons, BDA 20,700 gallons water & 13,000 pounds sand

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

33.* PRODUCTION

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

DATE OF TEST 5-19-70 HOURS TESTED 4 CHOKER SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

FLOW. TUBING PRESS. 72 CASING PRESSURE 344 CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. 1,200 AOF WATER—BBL. None OIL GRAVITY-API (CORR.) None

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY C. W. Taylor

35. LIST OF ATTACHMENTS
Copy of Multipoint Back Pressure Test and Curve and Geological Report by Max Krey

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

SIGNED Ernest H. Nalash TITLE Consulting Field Engineer DATE June 11, 1970

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

MULTIPOINT



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

January 13, 1984

J. C. Thompson
410 17th St. #1305
Denver, CO 80202

RE: Operator name changes
List of wells attached

Gentlemen:

In preparing our files for microfilming and data entry we have found information indicating this well is operated by you. We have not received the proper information stating that your company is the operator of this well. If you have assumed operations on this well, it is your responsibility as current operator to submit those changes to this office. Please send in those changes stated on a Sundry Notice OGC-1b (enclosed). If your company has not taken over responsibility of this well, please indicate this also so that we may locate the correct operator.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our company.

Thank you for your prompt attention to the above matter.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj
Enclosures

Well No. Segundo Canyon Unit #2

API #43-019-15672

Sec. 33, T. 16S, R. 21 E.

Grand County, Utah

Well No. Westwater Federal C-9-10

API #43-019-15654

Sec. 10, T. 17S, R. 23E.

Grand County, Utah

Well No. Horsepoint Unit #M-4

API #43-019-20154

Sec. 6, T. 17S, R. 24E.

Grand County, Utah

Well No. Horse Point Unit #M-7

API #43-019-30049

Sec. 6, T. 17S, R. 24E.

Grand County, Utah

Well No. Bryson Canyon Unit Federal #1

API #43-019-15647

Sec. 8, T. 17S, R. 24E.

Grand County, Utah

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

<p>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>		<p>5. LEASE DESIGNATION AND SERIAL NO. 029600</p>
<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p>		<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p>
<p>2. NAME OF OPERATOR J. C. THOMPSON</p>		<p>7. UNIT AGREEMENT NAME Horsepoint Unit</p>
<p>3. ADDRESS OF OPERATOR 410-17th Street, Suite 1305, Denver, CO 80202</p>		<p>8. FARM OR LEASE NAME Federal</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2595' FNL, 960' FWL</p> <p style="text-align: center;">API #43-019-30049</p>		<p>9. WELL NO. M-7</p>
<p>14. PERMIT NO.</p>		<p>10. FIELD AND POOL, OR WILDCAT Westwater</p>
<p>15. ELEVATIONS (Show whether OF, RT, OR, etc.) 6083 G.L.</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6-T17S-R24E</p>
<p>12. COUNTY OR PARISH Grand</p>		<p>13. STATE Utah</p>

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

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

(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.)*



DIVISION OF
OIL, GAS & MINING

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

SIGNED Sandra S. Brown TITLE Production Secretary DATE January 25, 1984

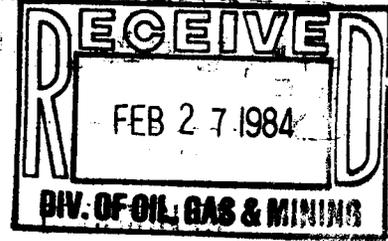
(This space for Federal or State office use)

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,

A handwritten signature in cursive script, appearing to read "Sandra S. Brown".

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

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
92054013	SEGUNDO #2 14S. 21E. 33	06	03	3	12/85	1100
92052010	SEGUNDO #23-4 17S. 21E. 4	06	03	3	12/85	1300
92053016	MOUNTRIDGE #31-15 14S. 21E. 15.	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 14S. 24E. 32	06	07	10	10/85	0900

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached list
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: see attached list	
2. NAME OF OPERATOR: J.C. THOMPSON OPERATOR, LLC		9. API NUMBER:
3. ADDRESS OF OPERATOR: 7979 E Tufts Ave Pkwy #815 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80237	PHONE NUMBER: (303) 220-7772	10. FIELD AND POOL, OR WLD/CAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		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"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> 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
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

(5/2000)

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	SESW	30-T16S -R24E

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
---	--

WELL NAME	CA No.	SEC	TWN	RNG	Unit:	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List										

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
- Is the new operator registered in the State of Utah: Business Number: 1260477-0143
- (R649-9-2)Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- 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
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM 8756586
- 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:

J C Thompson Operator, LLC (N2805) to National Fuel Corporation (N8060)
 Effective 8/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Least	Well Type	Well Status
FED 18 CASTLEGATE-2	18	170S	240E	4301915649	355	Federal	GW	P
WESTWATER FED C9-10	10	170S	230E	4301915654	304	Federal	GW	P
WESTWATER U M-1	01	170S	230E	4301915660	308	Federal	GW	P
SEGUNDO 2	33	160S	210E	4301915672	320	Federal	GW	P
SEGUNDO 23-4	04	170S	210E	4301915673	325	Federal	GW	S
HORSE POINT M-7	06	170S	240E	4301930049	305	Federal	GW	S
STATE 913-1A	09	160S	220E	4301930193	6035	State	GW	S
WESTWATER FED B-1	17	170S	240E	4301930892	306	Federal	GW	P
FEDERAL C-1	12	170S	230E	4301930895	270	Federal	GW	S

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

RECEIVED

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

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>128060</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:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		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"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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"/> 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 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.

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><i>July 30, 2012</i></u>

(This space for State use only)

APPROVED

AUG 31 2012

RECEIVED

AUG 14 2012

(5/2000)

DIV. OIL GAS & MINING
Rachael Medina
Engineer Tech

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-029600
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: HORSE POINT M-7
2. NAME OF OPERATOR: NATIONAL FUEL CORPORATION	9. API NUMBER: 43019300490000
3. ADDRESS OF OPERATOR: 8400 E Prentice Avenue Suite 735 , Greenwood Village, CO, 80111	PHONE NUMBER: 970 260-8128
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2595 FNL 0960 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 17.0S Range: 24.0E Meridian: S	9. FIELD and POOL or WILDCAT: WESTWATER 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 Approximate date work will start: 6/15/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

This Sundry notice is being submitted to request approval of P&A operations for the Horse Point M-7. This well is no longer capable of producing in paying quantities. See procedure below. 1. Move in rig. 2. Blow down well and install BOP. 3. Pull 2 3/8" tbg. 4. Move in wireline and set CIBP at 5450' with 2 sks on top. 5. Fill 4 1/2" csg with fresh water. 6. Cut 4 1/2" at 1792' and pull out of well. 7. Run in with 2 3/8" tbg to 1842'(50' inside 4 1/2"). 8. Balance 30 sk plug inside 4 1/2" and 50' in to 7" csg. 9. Pull tbg. Let cement cure then confirm depth of cement. 10. Fill 7" with fresh water. Perforate 7" at 218'. 11. Establish circulation with fresh water down 7" and up through 10 3/4" csg. 12. Circulate 101 sks down 7" and up through 10 3/4". 13. Cut off wellhead 3' below ground level. 14. Remove all equipment from location and reclaim per DOGM instructions.

Accepted by the Utah Division of Oil, Gas and Mining

Date: _____

By: *David K. Quist*
 April 28, 2016

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Andrew Busch	PHONE NUMBER 970 260-8128	TITLE VP Operations
SIGNATURE N/A	DATE 3/23/2016	



The Utah Division of Oil, Gas, and Mining

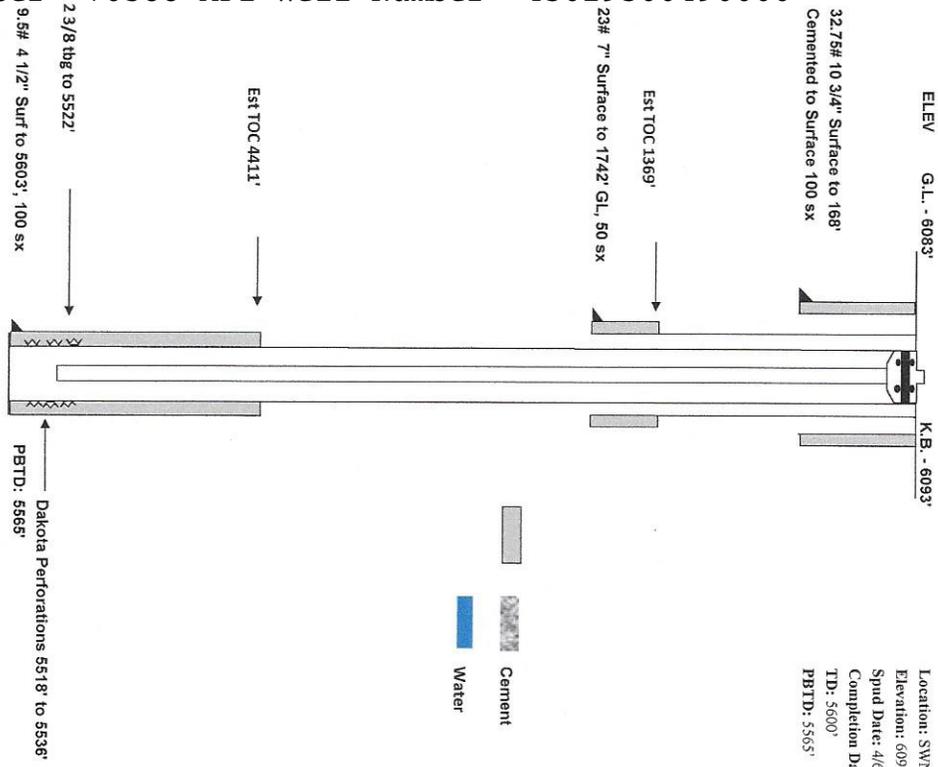
- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

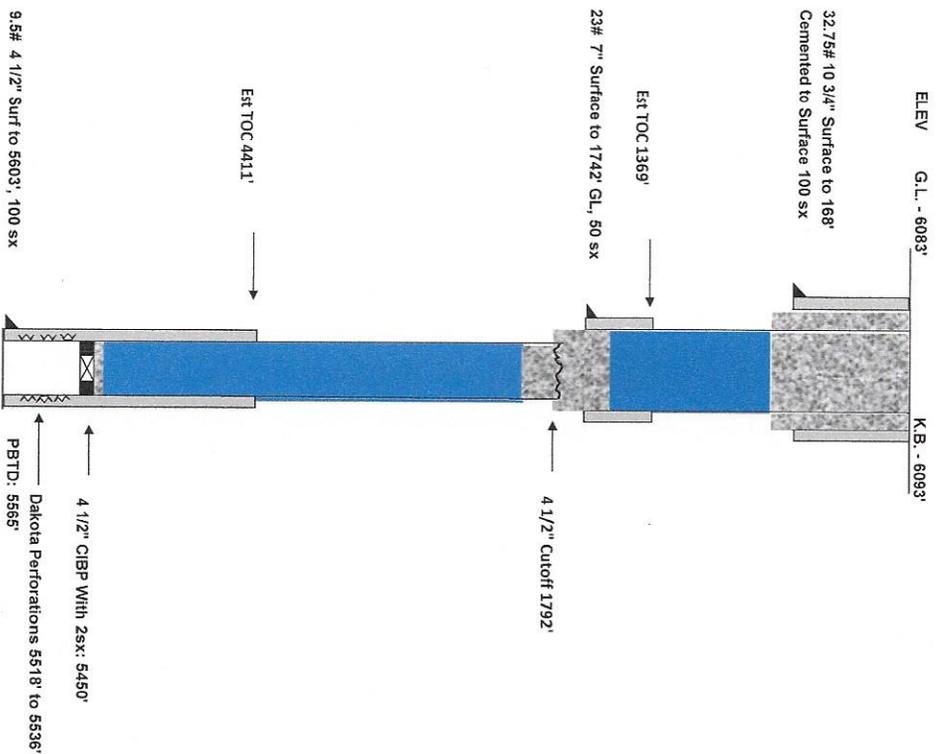
Sundry Conditions of Approval Well Number 43019300490000

A 100' minimum of cement (8 sx) should be placed on the CIBP for Plug #1 as required by R649-3-24-3.2.

Current Well Bore Diagram 12/7/15



Post P&A Well Bore Diagram



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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-029600
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NATIONAL FUEL CORPORATION		8. WELL NAME and NUMBER: HORSE POINT M-7
3. ADDRESS OF OPERATOR: 8400 E Prentice Avenue Suite 735 , Greenwood Village, CO, 80111		9. API NUMBER: 43019300490000
PHONE NUMBER: 970 260-8128		9. FIELD and POOL or WILDCAT: WESTWATER
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2595 FNL 0960 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 06 Township: 17.0S Range: 24.0E Meridian: S		COUNTY: GRAND
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/26/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR 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"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

10/13 TO 10/14/16 – MIRU rig and cementing equipment. Blew down well. ND wellhead. NU BOP. 10/17/16 – POOH with tbg. PU and RIH with 4 ½" CIBP and set at 5433'. 10/19/16 – Circulated well bore with fresh water. Mixed and pumped 54 bbls of 9# mud down tbg. Mixed and pumped 10 sx of Class "G" cement down tbg and displaced with 20 bbls. Jeff Brown with Moab BLM onsite as witness. POOH with tbg. PU & RIH with 4 ½" hydrostatic csg cutter to 1796'. 10/20/16 – RU power swivel and rig pump. Cut csg at 1796'. Established circulation down 4 ½" and up through 7" with fresh water. Circulated 38 bbls of mud to surface. RD swivel and pump. POOH with tbg and cutter. ND BOP and 4 ½" head. POOH and laid down 32 jts of 4 ½" csg. Csg heavily coated with drilling mud. 10/21/16 – POOH with remaining csg. NU spool and stripping head. RIH with tbg to 1851'. Established circulation. Mixed and pumped 35 sx of Class "G" cement down tbg. Displaced with 6 bbls of water. POOH with tbg. Will tag plug on 10/24. Jeff Brown with Moab BLM onsite as witness. 10/24/16 – RIH with 26 stands. Tagged cement at 1658'. POOH and laid down tbg. Tbg plugged from tagging and full of drilling mud. Jeff brown with Moab BLM agreed that there was no need to circulate mud in hole above intermediate plug. MIRU DLD Wireline. Perforated 7" csg at 218'. RD wireline. RIH with rest of tbg in derrick and laid down on trailer. 10/25/16 – Hill to location muddy. L&L Roustabouts pulled cement trucks up hill and assisted pipe hauling truck up and down hill. Established circulation down 7" and up through 10 ¾" csg. Mixed and pumped 120 sx of Class "G" cement down 7". No cement returns at surface. Perfs in 7" plugged off with 5 sx left to pump. RD cementer. Dug out cellar and ND wellhead. Will cut off wellhead

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 29, 2016**

Sundry Number: 76379 API Well Number: 43019300490000
tomorrow and top off 7 and 10-1/4". Jeff Brown with Moab BLMF onsite as witness. 10/26/16 – Cut off wellhead. Found top of cement 4' below GL. Cut off wellhead 3' below GL and welded on marker plate. Released rig from location. Began move to Westwater M-2.

NAME (PLEASE PRINT) Andrew Busch	PHONE NUMBER 970 260-8128	TITLE VP Operations
SIGNATURE N/A		DATE 11/18/2016