

FILE NOTATIONS

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

Checked by Chief *PWB*.....
Approval Letter *12-21-71 J. H. H. H.*
Disapproval Letter

COMPLETION DATA:

Date Well Completed Location Inspected
OW..... WW..... TA..... Bond released
GW..... OS..... PA..... State or Fee Land

LOGS FILED

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

EWELL N. WALSH
PETROLEUM ENGINEER CONSULTANT
EXECUTIVE BLDG. - 413 W. MAIN
P. O. BOX 254
FARMINGTON, NEW MEXICO
87401

TELEPHONE BUS. 325-8203

December 15, 1971

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

Ref: Oil Resources Incorporated
Application for Permit to Drill
Westwater Unit No. 2
967' from North Line, 2480' from
East Line, Sec. 18-T17S-R24E
Grand County, Utah

Gentlemen:

It is requested the above-referred-to application be granted an exception to Rule C-3 for the following reasons:

1. The proposed location cannot, for practical purposes, be located at a distance of 500 feet or more from the governmental quarter quarter-section line due to:
 - A. The proposed location is in a narrow canyon with steep walls. The proposed location is in the portion of the canyon with a minimum sufficient width to build the location.
2. The ownership of the lease within a radius of 660 feet of the proposed location is common with the ownership of the lease under the proposed location.

Your earliest consideration for approval of the requested exception would be appreciated.

Very truly yours,



Ewell N. Walsh, P. E.

ENW:lt
cc: USGS-SLC
Oil Resources-Jay Thompson

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 RESOURCES INCORPORATED

3. ADDRESS OF OPERATOR
P. O. Box 986, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **967' FNL, 2480' FNL (SW-NW-NE) Sec.18-T17S-R24E**
 At proposed prod. zone **Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
50 miles NW of Grand Junction, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
967'

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.
No other well completed below Entrada

19. PROPOSED DEPTH
6100' ✓

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5749 G. L.

22. APPROX. DATE WORK WILL START*
December 24, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	900 ✓	Circ. to surface ✓
7-7/8"	4-1/2"	9.5 & 10.5#	6100	To be determined

If casing is set to total depth, formation presently producing will be protected by cement.
 If pre-Entrada zones are non-productive, run 5200' of 4-1/2" production casing to Entrada and cement to protect Dakota. ✓
 Perforate and complete as tests indicate. ✓
 If results indicate completion in Entrada, will plug off Entrada in E-2 well, Sec. 7. ✓
 Blowout preventers to be used after setting surface casing, tested daily and recorded in driller's log. ✓

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
 DATE **12-21-71**
 BY *Clem D. [Signature]*

Approved in accordance with Rule C.3.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *[Signature]* TITLE **Petroleum Engineer Consultant** DATE **December 15, 1971**

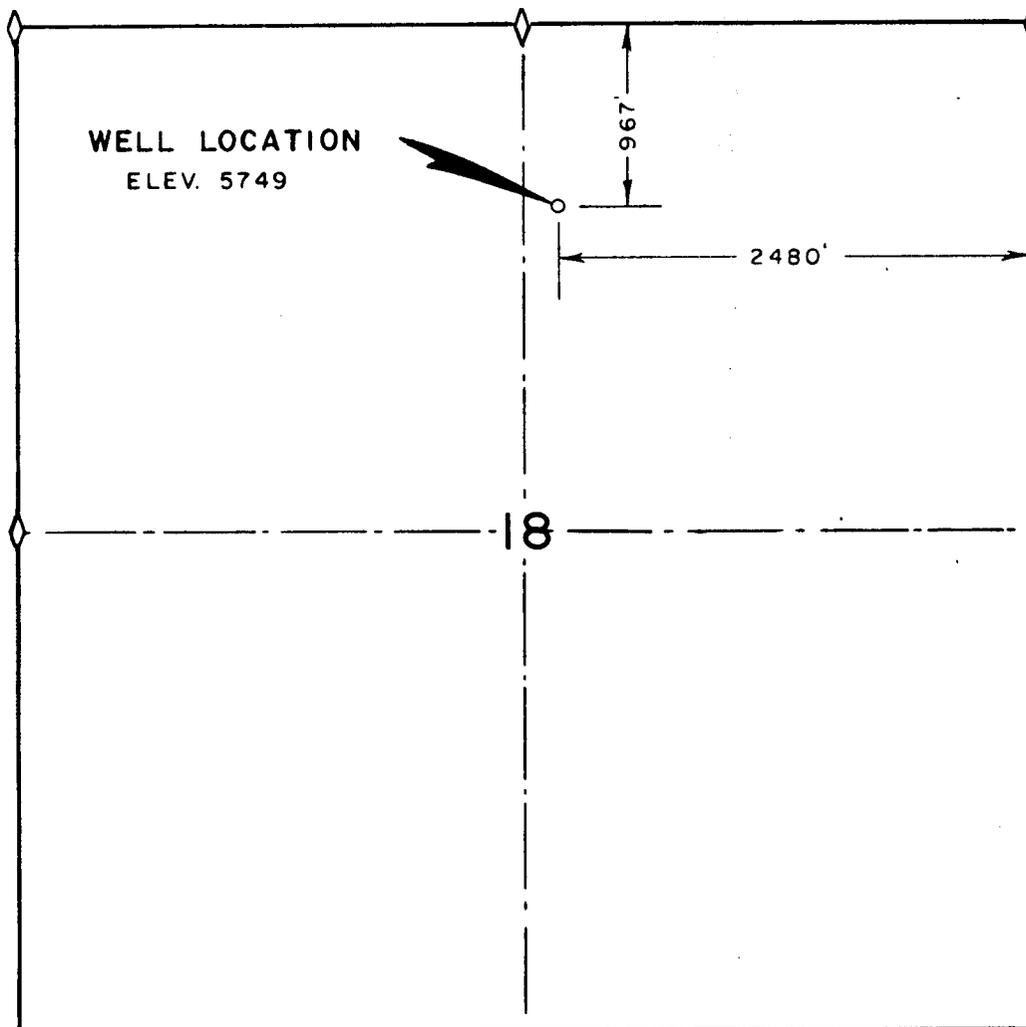
(This space for Federal or State office use)

PERMIT NO. **3-019-30077** APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
967 ft. S.N.L.-2480 ft. WEL.
SEC. 18, T 17 S R 24 E S.L.B.&M.
GRAND COUNTY, UTAH



Scale 1" = 1000'

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 October 16, 1970.

William F. Quinn
Registered Land Surveyor

WESTERN ENGINEERS, INC.
WELL LOCATION
OIL RESOURCES
WEST WATER NO. 2
GRAND COUNTY UTAH

SURVEYED W.F.Q. DRAWN G.L.A.
GRAND JUNCTION, COLO. 12/8/71

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

December 22, 1971

Mr. Ewell N. Walsh
Oil Resources Incorporated
P. O. Box 986
Billings, Montana 59103

Re: Well No. 2 Westwater Unit
NW $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 18-17S-24E, SIM
Grand County, Utah
Lease Salt Lake City 071982

Dear Mr. Walsh:

Enclosed are your copies of the Application for Permit to Drill the referenced well which was approved by this office on December 22, 1971. It is noted that you wish to commence drilling on December 24, 1971.

The following conditions must be met before production will be allowed from the well:

1. A Plan of Development under the Westwater Unit Agreement has been filed with and approved by the Oil and Gas Supervisor at Casper.
2. You have established to the satisfaction of the Supervisor that Oil Resources Incorporated has authority to conduct operations under the unit agreement. Our records show the unit operator to be Oil Incorporated.
3. The BOPE shall be at least API series 900.

Sincerely yours,

(ORIGINAL FILED IN 158)

Gerald R. Daniels,
District Engineer

cc: State Div. O&G Cons.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO. SL 071892
6. IF INDIAN, ALLOTTEE, OR TRIBE NAME
7. UNIT ASSIGNMENT NAME Westwater
8. FARM OR CLAIM NAME
9. WELL NO. 2
10. FIELD AND POOL, OR WILDCAT Westwater
11. SEC., T., R., OR BLK. AND SURVEY OR AREA Sec. 18-T17S-R24E S.L.M.
12. COUNTY OR PARISH Grand
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. NAME OF OPERATOR Oil Resources, Inc.
3. ADDRESS OF OPERATOR P. O. 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 967' from North line, 2480' from East Line Sec. 18-T17S-R24E
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5749' G.L., 5758' D.F., 5759' K.B.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input 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 holes pertinent to this work.)*

2-22-72
Verbal approval received to run pipe and not set cement plugs on Wingate Formation.

2-23-72 T. D. 5951'
Ran 167 jts, 4 1/2", 9.50 lb, K-55 casing (5362.07'). Set at 5372.07' with 250 sacks Class "C", 50/50 Pozmix with 1/4" Cello Flake per sack followed by 225 sacks Class "C" 50/50 Pozmix. Plug down at 7:30 P.M. 2-23-72. Pressured up with 2000#, test OK. Good circulation throughout job. Calculated top of cement 3900'.

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

SIGNED Ewell N. Walsh TITLE Petroleum Engineer Consultant DATE 2-24-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

W

OIL RESOURCES INC.

✓

POB

Exploration Production

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

April 27, 1972

State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84111

Dear Sir:

Enclosed for your file is a copy of Perforating Depth Control log on Westwater
Unit No. 2, Sec. 18-T17S-R24E, Grand County, Utah.

Yours very truly,

OIL RESOURCES INCORPORATED


Mrs. Elaine F. Stoltz

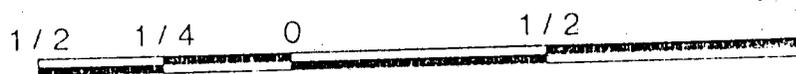
efs

enclosure

THE COLUMBUS COMPANY

WESTWATER UNIT AREA

GRAND COUNTY, UTAH



SCALE IN MILES

LEGEND

- OIL WELL
- ⊙ DRY HOLE
- ☼ GAS WELL
- ☼ GAS WELL (SHUT IN)
- ☼ GAS WELL (SHOW OF OIL)
- DRILLING WELL OR LOCATION
- ☼ GAS WELL (ABANDONED)
- WESTWATER UNIT BOUNDARY
- HORSE POINT UNIT BOUNDARY

UNIT

PEASE
M-15

OIL INC
M-1

PEASE
Fed-M-10

PEASE
BC

OIL INC
M-3

BOOKCLIFFS
Govt A
PEASE
Govt B

OIL INC
C-3

OIL INC
M-2
OIL INC
C-5

OIL INC
C-7

PEASE
M-12

OIL
Fed

TREND
BC 3

OIL INC
E-2

OIL INC
C-4

OIL INC
Fed 1
W. S. S. S. S. S.

OIL INC
E-5

OIL INC
E-3

OIL INC
C-10

OIL INC
C-6

OIL INC
E-4

OIL INC
18 C-2

WESTWATER UNIT

OIL INC
18 C-1

OIL INC
C-8

PEASE
M-11

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR. DATE*
(Other instructio. on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL 071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Oil Resources, Inc.

3. ADDRESS OF OPERATOR
P. O. 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
**967' from North line, 2480' from East line
Sec. 18-T17S-R24E**

7. UNIT AGREEMENT NAME

Westwater

8. FARM OR LEASE NAME

9. WELL NO.

E-5-Entrada

10. FIELD AND POOL, OR WILDCAT

Westwater

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

**Sec. 18-T17S-R24E
S.L.M.**

14. PERMIT NO.

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

5759'KB

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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

NOTICE OF INTENTION TO:

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

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

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

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

**4-19-72
Perforated Entrada Formation with 2 jets per foot
5029'-5038', 5042'-5048' and 5055'-5058'.
Acidize perforations with 1000 gallons 15% M.C.A. acid.**

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

SIGNED

P.E.

TITLE

**President, Walsh Engr.
& Prod. Corp.**

DATE

May 16, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SL 071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Westwater

8. FARM OR LEASE NAME

9. WELL NO.

E-5-Entrada

10. FIELD AND POOL, OR WILDCAT

Westwater

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

**Sec. 18-T17S-R24E
S.L.M.**

12. COUNTY OR PARISH 13. STATE

Grand Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Oil Resources, Inc.

3. ADDRESS OF OPERATOR
P. O. 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
**967' from North line, 2480' from East line
Sec. 18-T17S-R24E**

14. PERMIT NO.

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

5759'KB

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

(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.)*

The name of this well will be changed from:

Westwater Unit No. 2

to the following:

Westwater Unit No. E-5-Entrada

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

President, Walsh Engr.

SIGNED

P. HITTLE & Prod. Corp.

DATE **May 16, 1972**

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SL 071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Westwater

8. FARM OR LEASE NAME

9. WELL NO.

E-5-Entrada

10. FIELD AND POOL, OR WILDCAT

Westwater

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

**Sec. 18-T17S-R24E
SLM**

12. COUNTY OR PARISH

Grand

13. STATE

Utah

19. ELEV. CASINGHEAD

5749'

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Oil Resources, Inc.

3. ADDRESS OF OPERATOR
P. O. Box 986, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **967' from North line, 2480' from East line**

At top prod. interval reported below
Same

At total depth
Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED **1-19-72** 16. DATE T.D. REACHED **2-22-72** 17. DATE COMPL. (Ready to prod.) **4-20-72** 18. ELEVATIONS (DF, REB, RT, GB, ETC.)* **5759' KB** 19. ELEV. CASINGHEAD **5749'**

20. TOTAL DEPTH, MD & TVD **5957** 21. PLUG, BACK T.D., MD & TVD **5340** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Entrada 5029'-5058' 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
IES, FDC, CHL 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
8-5/8	24.00	923	12-1/4	750 sx	None
4-1/2	9.50	5372	7-7/8	475 sx	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 1/16	5076	None

31. PERFORATION RECORD (Interval, size and number)
5029-5038, 5042-5048, 5055-5058 -- 2 Hyper Jet per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5029-5058	1000 gal. MCA

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
5-10-72	Flow	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-29-72	3		→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	See attachment	337			

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

35. LIST OF ATTACHMENTS
Multipoint and One Point Back Pressure Test for Gas Wells

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED **[Signature]** **P. E. TITLE & Prod. Corp.** President, Walsh Engr. DATE **May 16, 1972**

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				38.	38.
				NAME	MEAS. DEPTH
				TOP	TRUE VERT. DEPTH
				Castlegate	736
				Mencos	922
				"7" Zone	4156
				Dakota	4227
				Morrison	4410
				Salt Wash	4615
				Estreza	5022
				Carmel	5176
				Navajo	5292
				Kayenta	5361
				Wingate	5416
				Chinle	5824
				736	736
				922	922
				4156	4156
				4227	4227
				4410	4410
				4615	4615
				5022	5022
				5176	5176
				5292	5292
				5361	5361
				5416	5416
				5824	5824

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

SL 071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

Westwater

8. FARM OR LEASE NAME

9. WELL NO.

E-5 Entrada

10. FIELD AND POOL, OR WILDCAT

Westwater

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

Sec. 18, T17N, R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Polumbus Co.

3. ADDRESS OF OPERATOR
Three Park Central, Suite 200, 1515 Arapahoe, Denver, CO 80202

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

967' FNL, 2480' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5759 KB

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

1. Stimulate Entrada perforations 5029-38, 5042-48 and 5055-58 with 20,000 gal. and 20,000 lbs. sd.
2. Run CNL-TDT logs over possible productive Dakota-Morrison intervals 4630 to 4820 and 4370 to 4490.
3. Perforate, test and stimulate w/20,000 gal. and 20,000 lbs. sd selected intervals of Dakota-Morrison.
4. Based on production tests, dual complete Entrada and Dakota-Morrison, either flowing Dakota-Morrison gas via the tubing-casing annulus, or using two production strings.

APPROVED BY THE DIVISION OF OIL, GAS AND MINING
DATE: June 10, 1977
BY: Ph. Russell

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

SIGNED James C. Wilkin

TITLE Drilling & Production Engineer

DATE 6/16/77

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

SL 071892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Westwater

8. FARM OR LEASE NAME

9. WELL NO.

E-5 Entrada

10. FIELD AND POOL, OR WILDCAT

Westwater

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

Sec 18, T17N, R24E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. PERMIT NO.

N/A

DATE ISSUED

N/A

15. DATE SPUNDED

N/A

16. DATE T.D. REACHED

N/A

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5759 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

5337

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Cement Bond log, TDT log

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 1/2					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Flowing gas well	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/8/77	24	32/64"	→	--	2430	trace	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
480	under pkr	→		2430	trace	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to Northwest Pipeline

TEST WITNESSED BY

John Ludwick

35. LIST OF ATTACHMENTS

Description of completion, TDT log,

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

SIGNED

[Signature]

District Superintendent

TITLE Southern Rockies Division

DATE 8/9/77

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

INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			MEAS. DEPTH
			TOP
			TRUE VERT. DEPTH
Well was originally completed in approved May 26, 1972.			
Entrada	5029 5042 5055	5038 5048 5058	the Entrada Zone. Well completion report Perforated w/2 SPF. This zone was frac'd w/20,000 gal gelled water w/N ₂ and 20,000# 20/40 sd. This zone tstd 550 MCFD @ 160 psi. This zone was then isolated w/BP A Dual Spacing Thermal Neutron Decay Time log was conducted (TDT).
Dakota-Morrison	4928 4810 4788 4742 4628 4614 4458 4424 4388 4366 4320 4305	4934 4816 4792 4754 4634 4618 4488 4444 4402 4378 4348 4315	All zones were picked from the TDT log and were perforated w/1 SPF. Production testing indicates these zones will produce 2.45 MMCFD @ 480 psi.
		4288	

FINAL COMPLETION PROCEDURES

E-5
Section 18, T17N, R24E
Westwater Field
Grand County Utah

Well will be completed in both the Entrada and Dakota-Morrison sections in this well. The Entrada will be segregated and produced separately from the Dakota-Morrison by means of a packer. Completion of this well will be as follows:

1. Segregating packer to be set @4990
2. 2-1/16 IJ tbg to be run from surf to pkr. Blast jts will be run across all open Dakota Morrison perms. (Perfs listed under summary of Porous Zones)
3. Entrada gas to be produced up the 2-1/16 tbg string. Dakota-Morrison gas will be produced up annulus between tbg and csg.
4. Gas from the Entrada and the Dakota-Morrison will be measured separately.

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,

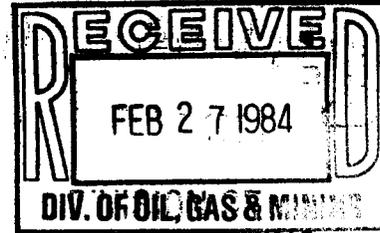
Pursuant to your request, attached is a list of all producing wells which are operated by J. C. Thompson in the state of Utah.

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

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
92036017	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	MOUNRIDGE #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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO. SL-071892
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR J. C. THOMPSON		7. UNIT AGREEMENT NAME Westwater
3. ADDRESS OF OPERATOR 410-17th St., #1305, Denver, CO 80202		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 967' FNL, 2480' FEL API No. 43-019-30077		9. WELL NO. Westwater E5
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Westwater-Dakota
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 5759 R.B.		11. SEC., T., R., M., OR BLK. AND SUBSTY OR AREA 18-T17S-R24E
12. COUNTY OR PARISH Grand		13. STATE Utah

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

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

Improve existing road by filling low spots with rocks and filling to grade beginning 200' downstream the well.

RECEIVED

OCT 17 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED <u>J. C. Thompson</u>	TITLE <u>Operator</u>	DATE <u>10/10/84</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

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 U E-5
2. Name of Operator J. C. Thompson		10. API Well Number 43-019-30077
3. Address of Operator 6500 S. Quebec #210 Englewood, CO 80111	4. Telephone Number 303 220-7772	11. Field and Pool, or Wildcat Westwater
5. Location of Well nwne Sec 18 17S 24E Footage : QQ, Sec. T., R., M. :		County : Grand State : UTAH

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate Date Work Will Start _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input checked="" type="checkbox"/> Other <u>workover</u> Date of Work Completion <u>7-1-91</u> 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.

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

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

Name & Signature Brenda K. Fuestel Title Off. mgr. for Operator Date 12-11-91

(State Use Only)

E-2 WORKOVER - REPLACE TUBING. REMOVE PACKER

6/26/91 Moved Monument Well Service (MWS) #7 on location from South Canyon #1. Rigged up and set up pump and tank.

6/27/91 MWS crew on location. Mixed 14 sacks KCL in 100 bbl tank. Pumped 15 bbls down E2M. Stripped wellhead. Installed BOP. Started out of the hole with 1 1/2" tubing. It was in good shape. Changed BOP offsets to 2 1/16". Out of the hole with 2 1/16" tubing. Unseated packer. Came out slowly. Noticed tubing was in bad condition. Found a hole in jt. #90 and most threads were chewed up. Out of the hole with tubing and packer. Decker Packer Service was on location. Took the packer to town to redress. Ran in the hole with 2 1/16" tubing so we could pull it back in singles and lay it down on flat-bed trailer when it arrived. Ran all 2 1/16" tubing in. Installed valve. Secured well. Shut down over weekend.

6/29/91 MWS crew on location. Had a trailer delivered to location. Blew down well for 15 min. Did not slow down or die. Pumped 15 bbls KCL water down tubing to kill well. Started out of the hole with 2 1/16" tubing. Laid down in singles on the trailer. Changed BOP offsets to 1 1/2". Ran in 1 1/2" tubing so we could pull it back in singles and lay it on the trailer. Out of the hole with 1 1/2" tubing. Secured well. Shut down for a few days in order to locate tubing to run in the hole.

7/1/91 MWS crew on location. L&L brought a load of the 2 1/16" tubing from our yard. Left trailer on location. Pumped 20 bbls of 2% KCL water. Switched BOP to 2 1/16" and strapped in the hole. Ran in the following order:

Perf. nipple (orange peel)	8.00	
SS nipple		.75
160 jts. of 2 1/16" tubing (J-55)	5099.63	
total tubing in hole	5108.38	
K.B.		9.00
landed tubing		5117.38

Changed well head. Used 2 3/8" change-over swedge to 2 1/16". Screwed in 2,000 lb. flange. Landed flange without donut. Next time should have a donut. It will make it easier to land tubing.

Stripped BOP. Dropped 8 soap sticks. Installed new master valve. **Shut well in.** Released MWS crew.

RECEIVED
DEC 13 1991
DIVISION OF
OIL GAS & MINING

**UTA DIVISION OF OIL, GAS AND MINING
INSPECTION RECORD**

Operator: J C THOMPSON Lease Number: SL-071892
 Well Name: Westwater U E-5 API Number: 43-019-30077
 Sec: 18 Twp: 17S Rng: 24E County: GRAND Field: Westwater
 Well Status: PGW

GENERAL	Inspected (✓)
1. Well Identification	X
2. Well Equipment	X
3. Environmental Protection	X
4. Temporary/Emergency Pits	X
5. Spills, Discharges, Seepage	X
Remarks: <u>AUDIT. SIGN IN PLACE. WELL HEAD + TREE w/ TUBING.</u> <u>TANK IS BERMED. NO SPILLS OR LEAKS. NO PROBLEMS.</u>	
OIL PRODUCTION	Inspected (✓)
1. Method of Measurement: Tank Gauge <input checked="" type="checkbox"/> LACT Unit <input type="checkbox"/> Other <input type="checkbox"/>	X
2. Storage Facilities	X
3. Lines Leaving Storage Facilities Sealed/Locked	X
4. Oil Handling/Treatment Equipment	X
Remarks: <u>1-100 BARREL OIL TANK - IS SEALED.</u>	
GAS PRODUCTION	Inspected (✓)
1. Type of Gas Production: Gas Well <input type="checkbox"/> Casinghead <input type="checkbox"/>	X
2. Gas Disposition: Sold <input type="checkbox"/> Flared/Vented <input type="checkbox"/> Used on Lease <input type="checkbox"/> Other <input type="checkbox"/>	X
3. Method of Measurement: Orifice Meter <input checked="" type="checkbox"/> Turbine Meter <input type="checkbox"/> Estimated <input type="checkbox"/> Other <input type="checkbox"/>	X
4. Gas Handling/Treatment Equipment	X
Remarks: <u>CASING 80 PSI. BRATOR Sales Meter, Heated Separator.</u> <u>DEHYDRATOR. GEMINI GAS COMPRESSOR w/ STD. METHANOL</u> <u>PUMP.</u>	
PRODUCED WATER DISPOSAL	Inspected (✓)
1. Disposal Method: Unlined Pit <input type="checkbox"/> Lined Pit <input type="checkbox"/> Subsurface <input type="checkbox"/> Other <input type="checkbox"/>	X
2. If Disposal by Pits, Are Pits Satisfactory? Yes <input type="checkbox"/> No <input type="checkbox"/>	X
3. Other E & P Waste Disposal	X
Remarks: <u>FENCED DISPOSAL PIT WITH 24' X 12' X 1.5' X 1781 = 76.5 BARRELS</u> <u>OF WATER - IS OK. #2 PIT IS FENCED + DRY @ DETHY.</u> <u>WATER TO PIT; OIL TO TANK.</u>	

Inspector: DENNIS L. INGRAM Date: 10/25/94

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

see attached list

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

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 GAS WELL OTHER _____

2. NAME OF OPERATOR:
J.C. THOMPSON OPERATOR, LLC

3. ADDRESS OF OPERATOR:
 7979 E Tufts Ave Pkwy #815 CITY Denver STATE CO ZIP 80237

PHONE NUMBER:
(303) 220-7772

4. LOCATION OF WELL
 FOOTAGES AT SURFACE:
 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

COUNTY: **Grand**

STATE: **UTAH**

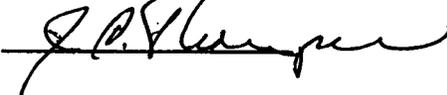
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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"/> 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	
	<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.

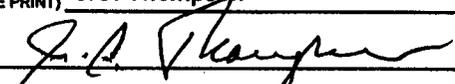
Effective March 17, 2005, J.C. Thompson Operator, LLC became the operator of all wells on the attached list, which were previously operated by J.C. Thompson.

previous operator: **J.C. Thompson**
 7979 E Tufts Ave Pkwy #815 **N1240**
 Denver CO 80237-~~28713~~

by: 

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) J.C. Thompson TITLE Member and Manager
 SIGNATURE  DATE 3/17/2005

(This space for State use only)

APPROVED 8/24/05

(8/2000) **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

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



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: Westwater 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 Westwater 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 Westwater Unit Agreement.

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

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	Westwater	WELL TYPE	WELL STATUS
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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

Westwater Unit

Well Name	Sec	TWP	RNG	API Number	Entity	Least	Well Type	Well Status
WESTWATER CASTLEGATE-4	13	170S	230E	4301915650	355	Federal	GW	P
WESTWATER U CASTLEGATE-6	18	170S	240E	4301915652	355	Federal	GW	P
WESTWATER U CASTLEGATE-7	07	170S	240E	4301915653	355	Federal	GW	P
CASTLEGATE D-2	18	170S	240E	4301915656	355	Federal	GW	P
WESTWATER U E2	07	170S	240E	4301915657	345	Federal	GW	P
WESTWATER U E3	17	170S	240E	4301915658	350	Federal	GW	P
WESTWATER M-2	12	170S	230E	4301915661	290	Federal	GW	P
WESTWATER M-3	07	170S	240E	4301915662	301	Federal	GW	P
WESTWATER U E5	18	170S	240E	4301930077	9695	Federal	GW	P
WESTWATER UNIT 5	18	170S	240E	4301930852	371	Federal	GW	P
WESTWATER UNIT 3	13	170S	230E	4301930853	340	Federal	GW	P

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>1780060</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:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	8. WELL NAME and NUMBER: see attached list
COUNTY: Grand	9. API NUMBER:
STATE: UTAH	10. FIELD AND POOL, OR WILDCAT:
PHONE NUMBER: (303) 220-7772	

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.

base
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

DIV. OIL GAS & M. (See Instructions on Reverse Side)

Rachael Medina
Engineer Tech

RECEIVED
AUG 14 2012
DIV. OF OIL, GAS & MINING

(5/2000)