

CONDITIONS

Map in NID File  
Map Pinned  
Indexed

Checked by Chief  
Approval Letter  
Disapproval Letter

IDENTIFICATION DATA

Completed 9-11-75  
S.I.O.W.

State of Iowa  
Bond  
State of Iowa

LOGS FILED

Miller's Log.....

Electric Logs (No.)

Dual I Lat. ✓

GR density ✓

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  
 RESERVE OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR  
 P. O. Box 5568, T. A., Denver, Colorado 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 879' FSL, 566' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 48 mi. south of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 566'

16. NO. OF ACRES IN LEASE  
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1750'

19. PROPOSED DEPTH  
 3500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7244' GL

22. APPROX. DATE WORK WILL START\*  
 July 1, 1975

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"	24.0#	200'	175 sx
7-7/8"	5-1/2"	15.5#	3500'	250 sx

1. Work will be performed with Rotary Drilling Rig.
2. KCl Mud System of good quality will be used.
3. All prospective zones will be tested by DST.
4. Electric Logs will be run to T. D.
5. Should the well be abandoned, work will be performed according to Federal and State directions.
6. Location site will be restored to original condition.

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 Allen Thomas TITLE Div. Engr. DATE May 14, 1975  
 (This space for Federal or State office use)

PERMIT NO. 43-107-2072 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

*None*

## SEVEN POINT PLAN

RESERVE OIL AND GAS COMPANY  
JACK CANYON NO. 10  
Section 33-T12S-R16E  
Carbon County, Utah

### PERTINENT DATA

1. 200' - 8-5/8" 24# J-55 new casing for surface.
2. Casinghead will be 8-5/8" x 3-1/2" series 900, 2000#, flanged.
3. No intermediate casing.
4. BOP will be 10" series 900, double ram with Hydril Tested to 2000 psi. Fill lines, choice manifold, and kill lines installed under surface. All tested to 1000 psi.
5. Kelly cock and drill pipe valves will be used.
6. Anticipate bottom hole pressure 800 psi.
7. KCl mud system with 9.5# wt. 45 viscosity, and 10 cc water loss will be used from 1500 - Total Depth.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(Other instructions on reverse side)

Budget Bureau No. 42-R1425.

**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

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 RESERVE OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR  
 P. O. Box 5568, T. A., Denver, Colorado 80217

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 879' FSL, 566' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 48 mi. south of Myton, Utah

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16. NO. OF ACRES IN LEASE      640

17. NO. OF ACRES ASSIGNED TO THIS WELL      80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1750'

19. PROPOSED DEPTH      3500'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7244' GL

22. APPROX. DATE WORK WILL START\*  
 July 1, 1975

5. LEASE DESIGNATION AND SERIAL NO.  
 SL 069551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Jack Canyon

9. WELL NO.  
 10

10. FIELD AND POOL, OR WILDCAT  
 Jack Canyon-Peters Poi

11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA  
 Sec. 33-T12S-R16E

12. COUNTY OR PARISH      13. STATE  
 Carbon      Utah

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"	24.0#	200'	175 sx
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- All prospective zones will be tested by DST.
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24. SIGNED Allen Thomas TITLE Div. Engr. DATE May 14, 1975  
 Allen Thomas  
 (This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# RESERVE OIL AND GAS COMPANY

POST OFFICE BOX 5568, DENVER, COLORADO 80217  
DENVER CENTER BUILDING  
TELEPHONE (303) 861 7800

ALLEN N THOMAS, DIVISION DRILLING ENGINEER

May 15, 1975

U. S. Department of the Interior  
Geological Survey  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Re: Use. Desig./Serial No. SL-069551  
Jack Canyon No. 10  
Section 33-T12S-R16E  
Carbon County, Utah

Gentlemen:

Please find enclosed three copies of Form 9-331C covering the captioned well for your approval. Also enclosed are the following:

3 copies - Summary of Pertinent Information  
3 copies - Location Plat  
1 copy - 12 Point Surface Use Plan

Designation of Operator Form 9-1123 will be forwarded as soon as it is available.

Best regards,

*Allen Thomas / phb*  
Allen Thomas  
Western Division Engineer

AT:phb

Enclosures

cc: State of Utah  
✓ Department of Natural Resources

# DESIGNATION OF OPERATOR

*[Handwritten scribbles and signatures]*

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City  
SERIAL NO.: SL-069551

and hereby designates

NAME: Reserve Oil and Gas Company  
ADDRESS: Post Office Box 5568, Denver, Colorado 80217

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 12 South, Range 16 East  
Section 33: W/2  
Carbon County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

EL PASO NATURAL GAS COMPANY

By: *[Signature]*

(Signature of lessee)

Assistant Vice President

June 9, 1975

(Date)

P. O. Box 1492, El Paso, Texas 79978

(Address)

July 3, 1975

Reserve Oil & Gas Company  
Box 5568 T.A.  
Denver, Colorado 80217

Re: Well No. Jack Canyon Unit #8  
Sec. 32, T. 12 S, R. 16 E,  
Well No. Jack Canyon Unit #10  
Sec. 33, T. 12 S, R. 16 E,  
Carbon County, Utah

Gentlemen:

As each of the above locations are under the provisions of the Order issued in Cause No. 157-1, and neither conform to these provisions; this Division is withholding approval awaiting the results of your Jack Canyon Unit #9, approved this date.

Should said wells (#9) be completed as an oil well, the Applications for the #8 and #10 will again be reviewed for approval. In addition, it will be necessary for your company to file a drilling and plugging bond with the Division of State Lands to cover drilling operations contemplated on State Lands.

Should you have any questions relative to the above, please advise.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw

August 6, 1975

Reserve Oil & Gas Company  
Box 5568  
Denver, Colorado 80217

Re: Well No's:  
Jack Canyon Unit #8  
Sec. 32, T. 12 S, R. 16 E,  
Jack Canyon Unit #10  
Sec. 33, T. 12 S, R. 16 E,  
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted.

In accordance with the provisions of the Order issued in Cause No. 157-1, the Unit #8 well will be considered the drilling unit well for Section 32 should the well be completed for gas. The Unit #10 would be considered the drilling unit well for Section 33 if completed for gas.

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

PATRICK L. BRISCOLL - Chief Petroleum Engineer  
HOME: 272-5813  
OFFICE: 533-5771

Enclosed please find Form OGC-3-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is:

#8: 43-007-30031

#10: 43-007-30032

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLLON B. FEIGHT  
DIRECTOR

\*please forward a survey plat for the #10 location

PI

K

PK

GEOLOGICAL WELL REPORT

RESERVE OIL AND GAS COMPANY, KADANE OIL COMPANY

JACKS CANYON #10

SW SW SECTION 33, T12S-R16E

CARBON COUNTY, UTAH

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DRILLING RATE LOG . . . . .	In pocket

WELL DATA

OPERATOR: Reserve Oil and Gas Company, Kadane Oil Company

WELL NAME: Jacks Canyon #10

TYPE WELL: Field well

LOCATION: 879' FSL and 566' FWL, Section 33, T12S-R16E, Carbon County, Utah

ELEVATION: 7244 Gr. 7254 KB

SPUD DATE: August 24, 1975

COMPLETION DATE: September 11, 1975, completed drilling operations.  
Ran casing

CONTRACTOR: Carmack Drilling Company, Rig #10  
National 300D  
3½" Full hole drill pipe, 5 5/8" collars  
Chris Carmack, Tool Pusher

CASING PROGRAM: 8 5/8", 32# casing at 1081 ft. with 710 sacks cement.  
5½" production casing to TD.

DRILL STEM TESTS: None

CORES: None

ELECTRIC LOGS: Dual Induction-Laterolog and Formation Density

TOTAL DEPTH: 3550 Driller; 3546 Electric Log

## WELL PROGRESS SUMMARY

August 24 Spudded in at 2:00 PM. Drilled 13 3/8" hole to 58 ft. Set conductor pipe. W.O.C.

August 25 Drilled 12 1/4" and 7 7/8 hole to 374 with air.

August 26 Drilled to 842 with air

August 27 Drilled to 1101

August 28 Reaming with 12 1/4" reamer to bottom

August 29 Ran 24 joints 8 5/8" casing to 1081 ft. KB; set with 710 sacks cement. Plug down at 5:07 PM.

August 30 W.O.C. Drilled out plug at 10:36 AM. Drilled 7 7/8" hole to 1317 with air.

August 31 Drilled to 1817 with air

September 1 Drilled to 2317 with air

September 2 Drilled to 2864 with air

September 3 Drilled to 3000 with air. Trip out and in. Converted system to mud. Resumed drilling at 11:00 PM. Drilled to 3012

September 4 Drilled to 3164

September 5 Drilled to 3275

September 6 Drilled to 3327. Stuck drill pipe. Spotted 1470 gals diesel oil and 55 bbls. Milfree in hole. Worked pipe every 1/2 hr.

September 7 Went in McCoullough Free point tool. First run misfired. Second run, backed off drill pipe. Trip out. Rigged up Johnston test tool. Trip in with tool. Trip out. Did not recover fish.

September 8 Rigged up Johnston wash over tool. Trip in. Jarred fish loose. Trip out with fish. Trip in with bit #8. Washed to bottom. Resumed drilling at 1:20 PM. Drilled to 3395.

September 9 Drilled to 3433. Light plant broke down at 1:25 AM. Replaced light plant at 12:00 and resumed drilling. Drilled to 3474.

September 10 Drilled to 3550. Conditioned hole. Trip out for Electric logs. Started in hole with logging tool at 7:00 PM.

September 11 Completed logging at 12:30 AM. Ran 5 1/2" producing string.

BIT RECORD

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	17 $\frac{1}{4}$	Reed	Reamer	58	58	3 $\frac{1}{2}$
2	12 $\frac{1}{4}$	HTC	OSC	290	132	5
3	7 7/8	HTC	OSC	1100	810	33 $\frac{1}{4}$
4	12 $\frac{1}{4}$	HTC	Reamer	833	493	24 $\frac{1}{4}$
5	12 $\frac{1}{4}$	Grant	Reamer	1060	227	11 $\frac{1}{2}$
6	7 7/8	HTC	OSC	1817	757	32 $\frac{1}{2}$
7RR	7 7/8	HTC	J22	3327	1510	114
8	7 7/8	HTC	OSC	3550	223	

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
515	1 $\frac{1}{2}$ <sup>o</sup>
1080	1 $\frac{1}{4}$ <sup>o</sup>
2700	1 <sup>o</sup>
3100	1 <sup>o</sup>
3550	1 <sup>o</sup>

ELECTRIC LOG TOPS

	<u>JACKS CANYON #10</u>		<u>JACKS CANYON #4X</u>	<u>JACKS CANYON #5</u>
	<u>DEPTH</u>	<u>DATUM</u>	<u>DATUM</u>	<u>DATUM</u>
LIME MARKER	2326	+4928	+4922	+4941
WASATCH	3183	+4071	+4090	+4090
Tw #1 SAND	3244	+4010	+4020	Absent
Tw #2 SAND	3290	+3964	Absent	+3969
Tw #3 SAND	3333	+3921	+3926	+3927

ELECTRIC LOG CALCULATIONS

<u>INTERVAL</u>	<u>Rw</u>	<u>Rt</u>	<u>D. POROSITY</u>	<u>Sw</u>
2966-2970	.25	60	12	50
3183-3192	.25	45	14	47
3290-3294	.25	40	14	50
3294-3298	.25	50	14	45
3298-3303	.25	80	14	35
3333-3344	.25	50	13	50

## DETAILED SAMPLE DESCRIPTION

- 1500-1530 Sand, buff, fine, calcareous, friable
- 1530-1680 Sand, light gray, fine to medium, unconsolidated, with thin beds of gray shale
- 1680-1710 Sand, white, fine, unconsolidated beach sand
- 1710-1740 Shale, gray, with stringers of sand, buff, fine, calcareous
- 1740-1800 Sand, buff, very fine, unconsolidated
- 1800-1860 Above sand interbedded with maroon shale
- 1860-1980 Sand, light gray, fine, unconsolidated
- 1980-2040 Above sand with stringers of gray calcareous shale
- 2040-2130 Sand, gray, fine to medium, unconsolidated, with disseminated pyrite.
- 2130-2160 Above sand interbedded with red and gray shale
- 2160-2190 Brown limestone with above sand
- 2190-2220 Dolomite, light gray, micro crystalline, interbedded with stringers of light gray sand
- 2220-2280 Shale, maroon and greenish gray
- 2280-2310 Sand, gray, fine, with thin bedded light gray limestone.

### LIMESTONE MARKER 2330

- 2310-2340 Limestone, light gray
- 2340-2380 Shale, dark gray
- 2380-2400 Sand, dark gray, fine, hard, tight, with scattered gilsonite and asphalt residue
- 2400-2430 Shale, dark gray, with stringers of brown limestone.
- 2430-2460 Increase in limestone with gray shale partings

2460-2490 Sand, gray, very fine, hard, tight, with scattered asphaltic stain. Some stringers of buff ostracodal limestone.

2490-2520 Above sand with less asphalt stain, interbedded with gray shale.

2520-2550 Sand, gray, fine, hard, tight, with scattered traces of asphalt. Some ostracodal lime stringers.

2550-2580 Missing

2580-2610 Poor sample. Above sand and limestone.

2610-2640 Shale brown and grayish green with brown limestone.

2640-2660 Sand, dark gray, ver fine, very argillaceous and micaceous.

2660-2680 Sand, light gray, very fine, tightly cemented with calcareous material, scattered traces of gilsonite.

2680-2700 Above sand interbedded with maroon and grayish green shale.

2700-2720 Maroon and green shale with some greenish gray, argillaceous sand.

2720-2740 Sand, gray, fine, tight, calcareous cement.

2740-2760 Missing

2760-2780 Sand, light gray, fine to medium, subangular, friable, scattered, pin point, asphaltic stain.

2780-2800 Above sand with red and green shale

2800-2820 Shale, maroon and grayish green

2820-2860 Shale, maroon.

2860-2900 With some ocher and gray-green shale.

2900-2920 Sand, gray, fine, calcareous cement, friable, pyrite, scattered traces of gilsonite and asphaltic stain.

2920-2940 Shale, maroon

2940-2960 With stringers of sand, gray, very fine, calcareous cement.

- 2960-2980 Increase in amount of sand
- 2980-3000 Shale, gray, with bed of gray ostracodal limestone.
- 3000-3020 Changed from air to mud system. Red shale with sand, gray, medium, calcareous cement, friable, scattered dark brown oil stain, gold fluorescence, streaming cut.
- 3020-3040 Poor sample. Mostly lost circulation material with maroon and ocher shale.
- 3040-3060 Sand, gray, with green and black grains, fine, hard, tight, calcareous cement.
- 3060-3080 Shale, maroon and greenish gray, with ostracodal limestone and grainstone.
- 3080-3100 Shale, grayish green with some maroon shale.
- 3100-3110 Sand, gray, with black and green grains, fine to medium, calcareous cement, low P&P, trace of light brown stain, some fluorescence, faint cut.
- 3110-3130 Shale, maroon and brown, sandy
- 3130-3140 Above shale grades into sand, dirty gray to buff, fine, argillaceous, calcareous.
- 3140-3150 Sand, grayish green, argillaceous, calcareous, fine grit.
- 3150-3160 With buff ostracodal limestone
- 3160-3170 Sand, light to dark gray, very fine, hard, tight, calcareous, glassy.
- 3170-3180 Above sand with scattered, asphaltic residue; no fluorescence.
- 3180-3190 Sand as above with block and bluish green grains, medium, subangular, hard, tight, very calcareous, faint, light brown stain, gold fluorescence, slow faint cut. Low P&P.
- WASATCH MARKER 3190
- 3190-3200 Shale, maroon and green with partings of buff to brown ostracodal limestone.

- 3200-3210 Mostly cavings. Some sand, grayish green, medium, hard and tight, calcareous cement.
- 3210-3220 Mostly cavings. Some maroon and green shale.
- 3220-3230 Shale, maroon and grayish green with thin partings of gray, fine sand and brown ostracodal limestone.
- 3230-3240 Shale, maroon with silt and maroon sandy shale.

Tw #1 SAND 3240

- 3240-3260 Drilling break at 3245. Above shale with stringers of brown ostracodal lime. Also stringers of sand, gray, fine to medium, tight, calcareous cement; scattered traces of dark brown oil stain, fluorescence and fairly strong cut.
- 3260-3280 Shale, maroon
- 3280-3290 With sand, gray, medium, subround, tight, calcareous cement, low P&P; scattered dark brown oil stain, gold fluorescence and cut.

Tw #2 SAND 3288

- 3290-3300 Drilling break at 3288. 25 unit gas increase. Above sand with some orange and green grains, slight amount of calcareous cement, good P&P; Saturated with heavy brown to black, tary oil, strong gold fluorescence, instant live, streaming cut. Heavy odor.
- 3300-3330 Shale, greenish gray with stringers of sand, grayish green, very fine, hard, tight, calcareous cement.

Tw #3 SAND 3330

- 3330-3340 Shale, greenish gray with some sand, gray, medium, subround quartz, with some black and bluish green, grains, slightly calcareous, fair P&P; even brown oil stain, yellow fluorescence, instant streaming cut.
- 3340-3350 Above sand. 22 unit gas increase.
- 3350-3360 Drilling break 3351-3354. Shale, maroon, very sandy.
- 3360-3370 Shale maroon and grayish green.

- 3370-3380 With sand partings, gray to buff with some orange grains, medium, subangular, hard, tight, low P&P; scattered brown stain, some gilsonite.
- 3380-3400 Shale, maroon and gray
- 3400-3420 Shale, maroon
- 3420-3430 Missing
- 3430-3460 Shale, maroon
- 3460-3470 Sand, gray, fine, tight, calcareous cement, poor P&P; scattered black tar and gilsonite, no fluorescence, good cut with bright yellow fluorescence.
- 3470-3480 Above sand with streaks of P&P.
- 3480-3490 Maroon shale with some sand, buff to maroon, fine, argillaceous, very calcareous.
- 3490-3500 Above sand.
- 3500-3510 With some sand, gray, fine, friable, calcareous.
- 3510-3520 Interbedded with maroon shale.
- 3520-3530 Maroon shale interbedded with maroon to buff sand, considerable feldspar.
- 3530-3550 Shale, maroon.

## CONCLUSION AND RECOMMENDATIONS

The Jacks Canyon #10 well correlates very well with Jacks Canyon wells #4X and #5. The Tw #1 Sand which is gas productive in #4X is poorly developed and not a potential pay zone in #10. The Tw #2 Sand which is the pay zone in well #5 has thinned to 10 feet in well #10. The Tw #3 Sand which is the oil productive zone in well #4X has thinned to 8 feet of effective sand in well #10. Both the Tw #2 and Tw #3 Sands have favorable oil and water saturations. The reservoirs have a structural datum nearly flat with #4X and #5 wells. In order to properly evaluate these potential pay zones, the operators ran production casing.

Respectfully submitted,

Fred H. Carr  
Certified Professional Geologist #1430

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355

5. LEASE DESIGNATION AND SERIAL NO.  
SL-069551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jack Canyon

9. WELL NO.  
10

10. FIELD AND POOL, OR WILDCAT  
Jack Canyon

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 33 T12S-R16E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

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  
Reserve Oil and Gas Company

3. ADDRESS OF OPERATOR  
P.O. Box 5568, Denver, Colorado 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 870 FSL, 566 FWL  
At top prod. interval reported below Same  
At total depth Same

14. PERMIT NO. 13-067-3032 DATE ISSUED 6-19-75

16. DATE SPUNDED 8-24-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7244' GL 7254 KB  
17. DATE T.D. REACHED 9-10-75 19. ELEV. CASINGHEAD 7245  
17. DATE COMPL. (Ready to prod.) Shut In

20. TOTAL DEPTH, MD & TVD 3550 21. PLUG, BACK T.D., MD & TVD 3480  
22. IF MULTIPLE COMPL., HOW MANY\* No  
23. INTERVALS DRILLED BY 3550

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Wasatch 3288-3350

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Ind. - GR Density *mil*

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	1080	12-1/4"	710 sx	None
5-1/2"	15.5	3524	7-7/8"	500 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3352	3272

31. PERFORATION RECORD (Interval, size and number)

3288-3302

3333-3344

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3333-3344	51,000# sd. 40,000 gal wtr.
3288-3302	54,000# sd. 43,000 gal wtr.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
Shut In	Shut In for winter months	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-9-75	8	Swab	→	40	Trace	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	120	TSM	0	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Shut in for winter months

35. LIST OF ATTACHMENTS

TEST WITNESSED BY  
Allen Thomas

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

SIGNED Allen Thomas TITLE Division Engineer DATE 3-15-76  
Allen Thomas

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

# INSTRUCTIONS

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

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

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

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

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

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wasatch	3183	3530	Shaly sand with good oil and gas show.
			TOP
			MEAS. DEPTH
			TRUE VERT. DEPTH
			Lime Marker 2330 Wasatch 3180 TW 1 Sand 3240 TW 2 Sand 3288 TW 3 Sand 3330



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

April 12, 1976

Reserve Oil And Gas  
P. O. Box 5568  
Denver, Colorado

Re: Well No. Jack Canyon #10  
Sec. 33, T. 12S, R. 16E  
Carbon County, Utah

Gentleman:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON  
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JAMES P. COWLEY  
HYRUM L. LEE

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CLEON B. FEIGHT  
*Director*

April 12, 1976

Reserve Oil And Gas Co.  
P. O. Box 5568  
Denver, Colorado

Re: Well No. Jack Canyon #10  
Sec. 33, T. 12S, R. 16E  
Carbon County, Utah

Gentleman:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK



CALVIN L. RAMPTON  
*Governor*

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

April 22, 1976

OIL, GAS, AND MINING BOARD

GUY N. CARDON  
*Chairman*

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

Reserve Oil and Gas  
P. O. Box 5568  
Denver, Colorado

Re: Well No. Jack Canyon #10  
Sec. 33, T. 12S, R. 16E  
Carbon County, Utah

Gentleman:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK

JUL 11 1976

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved by Bureau No. 12 103-65

Salt Lake City SL-069551 Jack Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1976.

Agent's address P.O. Box 3568 Denver, Colorado 80217 Company Reserve Oil and Gas Company

Phone (303) 861-7800 Signed Courtney E. Cook Agent's title Production Accountant

Table with columns: SEC. AND 1/4 OF 1/4, TWP., RANGE, WELL No., DAYS Produced, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS (In thousands), GALLONS OF GAS LIFTED, REMARKS. Includes summary for OIL and GAS production.

Note:--There were 1240.66 runs or sales of oil; 0 M cu. ft. of gas sold;

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

JUL 24 1976

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form approved... Salt Lake City... SL-069551... Jack Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UT County Carbon Field Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1976.

Agent's address P.O. Box 5568 Denver, Colorado 80217 Company Reserve Oil and Gas Company

Signed Courtney E. Cook Agent's title Production Accountant

Phone (303) 861-7800

Table with columns: SEC AND 1/4 OF 1/4, TWP, RANGE, WELL NO., DAYS PRODUCED, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS (In thousands), GALLONS OF GASOLINE RECOVERED, REMARKS. Rows include NW NW 33, SE NE 33, SW SW 33, NW SW 33.

Summary table for OIL and GAS with sub-rows for Sold, Used on/off lease, Lost, and Vented/Elased.

Note.—There were 1240.66 runs or sales of oil; 0 M cu. ft. of gas sold;

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved,  
Budget Bureau No. 42 R356.5.  
LAND OFFICE Salt Lake City  
LEASE NUMBER SL-069551  
UNIT Jack Canyon

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1976, CORRECTED REPORT

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company  
Denver, CO 80217 Signed S. J. [unclear]

Phone (303) 861-7800 Agent's title Manager - Western Division

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 33	12S	16E	9	30	555	35.0	444	-0-	-0-	
SE NE 33	12S	16E	7	0	-0-		-0-	-0-	-0-	SI waiting on sales line.
SW SW 33	12S	16E	10	0	-0-		-0-	-0-	-0-	SI waiting on sales line.
NW SW 33	12S	16E	4X	0	-0-		-0-	-0-	-0-	SI waiting on sales line.

OIL:

(1) Sold 581.11  
(2) Used on/off lease for prod. purposes -0-  
(3) Lost -0-

GAS:

(1) Sold -0-  
(2) Used on/off lease for prod. purposes 444  
(3) Vented/Flared -0-  
(4) Lost -0-

NOTE.—There were 581.11 runs or sales of oil; -0- M cu. ft. of gas sold; -0- runs or sales of gasoline during the month. (Write "no" where applicable.)

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

RESERVE Oil & Gas SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

JACK CANYON #10  
SEC 33 T123 R16E  
CARBON Co. UTAH

RESERVE - C. BARD  
USGS - B. FIANT  
BLM - D. THURMON

- NO EFFECT
- ENHANCE
- MINOR IMPACT
- MAJOR IMPACT

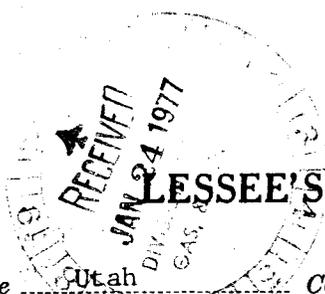
6-5-75

	Construction				Pollution				Drilling Production				Transport Operations			Accidents		Others
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks

Land Use	Forestry	NA																	
	Grozing	/	/		/			/	/					/					
	Wilderness	NA																	
	Agriculture	NA																	
	Residential-Commercial	NA																	
	Mineral Extraction	?																	
	Recreation	/	/		/			/	/			/		/					
	Scenic Views	/	/		/			/	/			/		/					
	Parks, Reserves, Monuments	NA																	
	Historical Sites	NO EVIDENCE																	
	Unique Physical Features																		
Flora & Fauna	Birds	/			/			/	/		/		/				/		
	Land Animals	/			/			/	/		/		/				/		
	Fish	NA																	
	Endangered Species	None known																	
	Trees, Grass, Etc.	/			/												/		
Phys. Charact.	Surface Water	NA																	
	Underground Water																		
	Air Quality				/			/					/						
	Erosion	/			/												/		
	Other																		
	Effect On Local Economy																		
Safety & Health																			
Others	Public surfaces cc. of G. state Denver Casper File																		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER SL-069551  
UNIT Jack Canyon



**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Carbon Field Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of \_\_\_\_\_, 197\_\_\_\_\_

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company  
Denver, CO 80217 Signed R.P. Hargold (c.)

Phone (303) 861-7800 Agent's title Manager Western Division

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 33	12S	16E	9	0	-0-	-	-0-	-0-	-0-	Well SD due to weather conditions.
SW SW 33	12S	16E	10	0	-	-	-	-	-	SI waiting on sales line.
NW SW 33	12S	16E	4X	0	-	-	-	-	-	SI waiting on sales line.

OIL:

(1) Sold 405.61  
(2) Used on/off lease for prod. purposes -0-  
(3) Lost -0-

GAS:

(1) Sold -0-  
(2) Used on/off lease for prod. purposes -0-  
(3) Vented/Flared -0-  
(4) Lost -0-

NOTE.—There were 405.61 runs or sales of oil; -0- M cu. ft. of gas sold; -0- runs or sales of gasoline during the month. (Write "no" where applicable.)

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



CALVIN L. RAMPTON  
*Governor*

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON  
*Chairman*

DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON  
ROBERT R. NORMAN  
JAMES P. COWLEY  
HYRUM L. LEE

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116

CLEON B. FEIGHT  
*Director*

January 31, 1977

Reserve Oil & Gas Co.  
P. O. Box 5568  
Denver, Colorado 80217

Re: Well No. JACK CANYON #10  
Sec. 33, T. 12S, R. 16E,  
Carbon County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R358.6.  
LAND OFFICE Salt Lake City  
LEASE NUMBER SL-069551  
UNIT Jack Canyon

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Carbon Field Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1977.

Agent's address P.O. Box 5568  
Denver, CO 80217

Company Reserve Oil, Inc.

Phone (303) 861-7800

Signed P. Mangels

Agent's title Operations Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause; date and result of test for gasoline content of gas)
NW NW 33	12S	16E	9	0	-0-	-	-0-	-	-0-	
SE NE 33	12S	16E	7	0	-0-	-	-0-	-	-0-	Well SD due to weather conditions.
SW SW 33	12S	16E	10	0	-0-	-	-0-	-	-0-	Well SD due to weather conditions.
NW SW 33	12S	16E	4X	0	-0-	-	-0-	-	-0-	Well SI due to weather conditions.
										Well SI due to weather conditions.

OIL:

(1) Sold \_\_\_\_\_

(2) Used on/off lease for prod. purposes -0-

(3) Lost -0-

GAS:

(1) Sold \_\_\_\_\_

(2) Used on/off lease for prod. purposes -0-

(3) Vented/Flared -0-

(4) Lost -0-

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

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

Form 9-329  
(January 1950)



Getty Oil Company | P.O. Box 3000, Tulsa, Oklahoma 74102 • Telephone: (918) 560-6314, 560-6300

J. A. Morris, Division E & P Services Manager  
Central Exploration and Production Division

March 21, 1980

Re: Merger of Reserve Oil, Inc.,  
a Delaware corporation, into  
Getty Reserve Oil, Inc.,  
a Delaware corporation

**RECEIVED**

**MAR 28 1980**

Utah Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

Attention: Mr. Cleon B. Feight, Director

Gentlemen:

Effective January 23, 1980, Reserve Oil, Inc. was merged into Getty Reserve Oil, Inc.

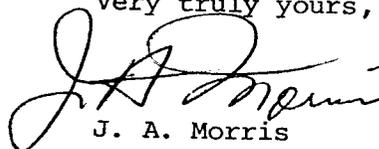
Getty Reserve Oil, Inc., as the surviving corporation, by operation of law and without further act or deed, became vested with all the properties, rights, powers and interests belonging to or due to Reserve Oil, Inc., and Getty Reserve Oil, Inc. became bound by all restrictions, obligations, duties and limitations with respect to such properties, rights, powers and interests formerly belonging to Reserve Oil, Inc., and they may be enforced against Getty Reserve Oil, Inc. to the same extent as if originally incurred or contracted by it.

Enclosed is a list of wells that were operated by Reserve Oil, Inc. and are now operated by Getty Reserve Oil, Inc.

Should you require additional evidence of merger, please advise at your earliest convenience.

Please change your records to reflect the merger as of aforementioned date. Henceforth, please cause all notices, communications, etc., to be made to Getty Reserve Oil, Inc. at this address: Three Park Central, Suite 700, 1515 Arapahoe Street, Denver, Colorado 80202.

Very truly yours,

  
J. A. Morris

JAM:sw  
Encl.

cc: Mr. K. D. Morris

<u>LEASE NAME &amp; WELL NO.</u>	<u>LOCATION</u>
Peters Point - 9	SE SE Sec. 1-13S-16E Carbon County, Utah
Peters Point - 13	NW SE Sec. 12-13S-16E Carbon County, Utah
Res. Beard Federal No. 1	NW SE Sec. 3-12S-16E* Carbon County, Utah

\* SI waiting on pipeline

\*\*Suspended

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. SL-069551  
Communitization Agreement No. \_\_\_\_\_  
Field Name Jack Canyon  
Unit Name Jack Canyon #9, #7, #10 & #4X  
Participating Area \_\_\_\_\_  
County Carbon State Utah  
Operator Reserve Oil, Inc.  
 Amended Report

COPY TO SUSIE - 6/7/77

The following is a correct report of operations and production (including status of all unplugged wells) for the month of \_\_\_\_\_, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
9	NW NW Sec. 33	12S	16E	POW	12	551.94	441	-0-	Well back on 4-15-77.
7	SE NE Sec. 33	12S	16E	POW	29	322.70	258	-0-	
<del>10</del>	SW SW Sec. 33	12S	16E	OSI	0	-0-	-0-	-0-	Well not completed yet. (S.J. 7/11/75)
4X	NW SW Sec. 33	12S	16E	POW	28	583.02	14,471	-0-	

Disposition of production (Lease, Participating Area, or Communitized Area basis) \*If none, so state.

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	286.85	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	1457.66	15,170	NONE
*Sold	1365.22	8,285	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	6,885	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	NONE	NONE
*Other (Identify)	NONE	XXXXXXXXXXXXXXXXXXXX	NONE
*On hand, End of Month	378.89	NONE	NONE
*API Gravity/BTU Content	35.0	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
		1209	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Jacill Beaulieu

Address: P.O. Box 5568, Denver, CO 80217

Title: Operations Superintendent

WELLS FORMERLY OPERATED BY RESERVE OIL, INC. AND  
NOW OPERATED BY ~~RESERVE OIL, INC.~~

RECEIVED  
MAR 28 1980

DIVISION OF  
OIL, GAS & MINING

<u>LEASE NAME &amp; WELL NO.</u>	<u>LOCATION</u>
Jack Canyon - 3	SE SW Sec. 28-12S-16E Carbon County, Utah
Jack Canyon - 4X	NW SW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 5	SE NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 7	SE NE Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 8	NW NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 9	NW NW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 10	SW SW Sec. 33-12S-16E* Carbon County, Utah
Jack Canyon - 101	SE SE Sec. 33-12S-16E** Carbon County, Utah
Peters Point - 1	SW SW Sec. 6-13S-17E Carbon County, Utah
Peters Point - 2	NE SW Sec. 36-12S-16E Carbon County, Utah
Peters Point - 3	SW SE Sec. 8-13S-17E Carbon County, Utah
Peters Point - 4	NW NW Sec. 24-13S-16E Carbon County, Utah
Peters Point - 8	SE SW Sec. 34-12S-16E Carbon County, Utah

WELLS FORMERLY OPERATED BY GETTY RESERVE OIL INC.  
AND NOW OPERATED BY GETTY OIL COMPANY.

<u>LEASE NAME &amp; WELL NO.</u>	<u>LOCATION</u>
Jack Canyon - 3	SE SW Sec. 28-12S-16E Carbon County, Utah
Jack Canyon - 4X	NW SW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 5	SE NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 7	SE NE Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 8	NW NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 9	NW NW Sec. 33-12S-16E Carbon County, Utah
✓ Jack Canyon - 10	SW SW Sec. 33-12S-16E* Carbon County, Utah
Jack Canyon - 101	SE SE Sec. 33-12S-16E** Carbon County, Utah
Peters Point - 1	SW SW Sec. 6-13S-17E Carbon County, Utah
Peters Point - 2	NE SW Sec. 36-12S-16E Carbon County, Utah
Peters Point - 3	SW SE Sec. 8-13S-17E Carbon County, Utah
Peters Point - 4	NW NW Sec. 24-13S-16E Carbon County, Utah
Peters Point - 8	SE SW Sec. 34-12S-16E Carbon County, Utah

<u>LEASE NAME &amp; WELL NO.</u>	<u>LOCATION</u>
Peters Point - 9	SE SE Sec. 1-13S-16E Carbon County, Utah
Peters Point - 13	NW SE Sec. 12-13S-16E Carbon County, Utah
Res. Beard Federal No. 1	NW SE Sec. 3-12S-16E* Carbon County, Utah

\* SI waiting on pipeline

\*\*Suspended

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPLICATE**  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Getty Oil Company</u></p> <p>3. ADDRESS OF OPERATOR <u>P.O. Box 3360, Casper, Wyoming 82602</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>870' FSL and 566' FWL</u></p> <p>14. PERMIT NO. <u>API #43-007-30032</u></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>SL-069551</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>-----</u></p> <p>7. UNIT AGREEMENT NAME <u>-----</u></p> <p>8. FARM OR LEASE NAME <u>Jack Canyon</u></p> <p>9. WELL NO. <u>#10</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Jack Canyon</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Section 33-T12S-R16E</u></p> <p>12. COUNTY OR PARISH <u>Carbon</u></p> <p>13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>7244' GL</u></p>	

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

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

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

Getty Oil Company requests temporary abandonment status for this well for a period of 12 months to evaluate revised surface facilities and downhole equipment. The well is uneconomical to produce at present.

**RECEIVED**

JUL 2 1984

DIVISION OF OIL  
GAS & MINING

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

SIGNED *[Signature]* TITLE Area Superintendent DATE 6-27-84

(This space for Federal or State office use)

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

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

**\*See Instructions on Reverse Side**

OIL & GAS CONSERVATION COMMISSION

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Texaco Inc., Operator for Texaco Producing Inc.</p> <p>3. ADDRESS OF OPERATOR 4601 DTC Blvd., Denver, Colorado 80237</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO.</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DP, RT, OR, etc.)	12. COUNTY OR PARISH    18. STATE

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

NOTICE OF INTENTION TO:

<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) <input 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>
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SUBSEQUENT REPORT OF:

<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) <u>Change of Operator</u> <input type="checkbox"/></p>	<p>REPAIRING WELL <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>ABANDONMENT* <input type="checkbox"/></p>
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(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.)\* Notice of Change of Operator from Getty Oil Company to Texaco Inc., the duly authorized Operator for Texaco Producing Inc. (TPI) for the attached wells.

RECEIVED

JAN 31 1985

DIVISION OF OIL  
GAS & MINING

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

SIGNED [Signature] TITLE Farmington Dist. Mgr. DATE 1-23-85

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SL-069551

13

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jack Canyon

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Jack Canyon-Peters Point

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

Sec. 33, T12S-R16E

12. COUNTY OR PARISH

Carbon

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  GAS WELL  OTHER

2. NAME OF OPERATOR

Texaco Inc., Producing Dept. ATTN: H.M. Meduna

3. ADDRESS OF OPERATOR

P.O. Box 1629, Rock Springs, Wyoming 82901

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

566' FWL & 870' FSL, Section 33

RECEIVED

AUG 02 1985

DIVISION OF OIL  
GAS & MINING

14. PERMIT NO.

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

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.)

Texaco Inc., as operator for Texaco Producing Inc. requests approval to plug and abandon the subject well according to the following procedures:

- 1) MIRUSU
- 2) TOH rods and pump
- 3) NDWH, NUBOP, TOH tbg
- 4) TIH slick tbg to +3250', est circ, SI annulus, Braidenhead squeeze 100 sx neat G cmt into Wasatch perms-500 PSI MAX. Do not reverse out any excess, TOH laying down to 300', spot 50 sx Neat G cmt plug, finish TOH and laying down.
- 5) Est inj down 8-5/8" x 5 1/2" annulus, pump 50 sx Neat G into annulus. Do not displace.
- 6) NDBOP, RDMSU, cut csg, install P & A marker
- 7) Remove all production equipment and rehab location

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 8/6/85  
BY: John R. Dura

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

SIGNED H.M. Meduna

TITLE Area Superintendent

DATE July 30, 1985

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

BLM(3)-OGCC(2)-JNH-AJS-HMM

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

November 13, 1985

Texaco, Inc.  
P.O. Box EE  
Cortez, Colorado 81321

Gentlemen:

Re: Well No. Jack Canyon #10 - Sec. 33, T. 12S., R. 16E.,  
Carbon County, Utah - API #43-007-30032

Our office received a Notice of Intention to Abandon the above referenced well dated July 30, 1985. As of the date of this letter we have not received a subsequent notice.

If this well has been plugged and abandoned, please return the enclosed Sundry Notice indicating the plugging procedure used and the date the work was completed.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/42

(November 1983)  
(Formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

09021

Budget Bureau NO. 1004-0135  
Expires August 31, 1985

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  
Texaco Inc., Producing Dept. ATTN: H.M. Meduna

3. ADDRESS OF OPERATOR  
P.O. Box 1629, Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
566' FWL & 870' FSL, Section 33

5. LEASE DESIGNATION AND SERIAL NO.  
SL-069551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jack Canyon

9. WELL NO.  
10

10. FIELD AND POOL, OR WILDCAT  
Jack Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 33, T12S-R16E

12. COUNTY OR PARISH  
Carbon

13. STATE  
Utah

14. PERMIT NO.

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

RECEIVED  
AUG 27 1985

DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" 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.)

The subject well was plugged and abandoned as follows:

- 9-15-85 MIRUSU-TOOH with rods and pump.
- 9-16-85 NDWH-NUBOP-TOOH 2-7/8" tubing-lay down anchor-catcher TIH slick 2-7/8" tubing to 3268'-establish circulation-SI annulus attempt to establish pump in rate 1/8 BPM at 1000#-TIH to 3360'no fill-POOH tubing to 3346'-mix and pump 100 sx class G cement-spot on perfs with 14 bbls water-TOOH tubing to 2340-SI annulus-squeeze with 2 1/2 bbls water press to 500 PSI. TOOH tubing to 300'-spot 50 sx class G. Finish TOOH and laying down 2-7/8" tubing-hook up to 5 1/2 x 8-5/8 annulus-est inj 5 bbl water at 3 BPM-0 PSI-mix and pump 50 sx class G cement down annulus-o PSI-SI RD MOSU.
- 9-20-85 Hook up pump truck to 5 1/2 x 8-5/8 annulus-pump 20 bbls water at 0 PSI-mix and pump 50 sx class G cement with 3% CaCl press to 500 PSI-RD pump truck
- 10-18-85 Cut off casing and install P&A marker
- 10-25-85 Rehab of location completed.

Seeding will be done next spring as per Dan Cressy with BLM. Subsequent report will be submitted when complete.

18. I hereby certify that the foregoing is true and correct  
SIGNED H.M. Meduna TITLE Area Supt. DATE 11-19-85

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:  
BLM(3)-UNR(2)-JNH-LAA-HMM

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

\*See Instructions on Reverse Side DATE 8-27-86

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.