

OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

RECEIVED  
MAR 22 1972

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00229771

in triplicate for Patented and Federal lands,  
in quadruplicate for State lands.

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  
Petro-Lewis Corporation

3. ADDRESS OF OPERATOR  
1600 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface C NWSE Sec 13, T3S, R56W  
At top prod. interval reported below  
At total depth Same

14. PERMIT NO. 71-950 DATE ISSUED 12/3/71  
1/25/72

5. LEASE DESIGNATION AND SERIAL NO.  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Gilbert  
9. WELL NO.  
10-13  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 13, T3S, R56W  
12. COUNTY OR PARISH  
Washington  
13. STATE  
Colorado

15. DATE SPUDDED 12/20/71 16. DATE T.D. REACHED 12/27/71 17. DATE COMPL. (Ready to prod.) Dry Hole  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4771 Ground 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5083' 21. PLUG, BACK T.D., MD & TVD 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) 25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN IES and FCD 27. WAS WELL CORDED  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8"</u>	<u>24#</u>	<u>83'</u>	<u>12 1/4"</u>	<u>75 sx Req</u>	<u>None</u>

DVR	<input checked="" type="checkbox"/>
FJP	<input checked="" type="checkbox"/>
MM	<input checked="" type="checkbox"/>
JED	<input checked="" type="checkbox"/>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	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) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

35. LIST OF ATTACHMENTS  
Geological Report

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

SIGNED Don Vickory TITLE Asst. Mgr. of Operations DATE March 21, 1972

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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<p>See attached Geological Report</p>			

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<p>NETT COMPLETION OF RECOMPLETION BEING VIEWED</p>		

PHONE:  
279-1629

DONALD C. WINSLOW  
PETROLEUM GEOLOGIST - OIL PRODUCER  
2840 Berry Lane  
Golden, Colorado 80401

GEOLOGIC REPORT

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Petro-Lewis Corporation  
#10-13 Gilbert  
NW SE Section 13-3S-56W  
Washington County, Colorado

Chronological Record

Location staked and surveyed by Powers Elevation  
Elevation: 4771' ground, 4780' KB  
12-20-71 Rotary moved on location, Jim Snyder Drilling  
12-21 Set 83' of 8-5/8th" casing @ 94' with 75 sacks.  
12-22 Drilling @ 3200'  
12-23 Drilling @ 4332'  
12-24 Drilling @ 4700'  
12-25 Shut down for Christmas  
12-26 Drilling @ 4776'  
12-27 Reached TD at 5085', ran Schlumberger I-ES and  
Density logs, ran DST #1  
12-28 Ran DST #2 and #3. Well plugged with 15 sack plug  
at base of surface pipe and 10 sacks at the top.

Samples Description

4000-4480' Shale, gray, speckled with white and brown  
limestone  
4480-4530' Limestone, gray, dense, chalky  
4530-4630' Shale, dark gray, silty  
4630-4700' Shale, as above, trace of brown, sugary limestone  
4700-4950' Shale, dark gray, bentonitic  
4950-4960' Sandstone and shale, laminated, dirty, noeffective  
porosity  
4960-4970' Sandstone, white, very fine grained, shaley, very  
low porosity, no show  
4970-4995' Shale, dark gray, pyritic, silty  
4995-5007' Sandstone, white, very fine grained, glauconitic,  
clay filled, no effective porosity, no show  
5007-5020' Sandstone, white, very fine grained, dense, fair  
porosity, even brown oil staining, slid yellow  
fluorescence  
5020-5030' Sandstone and shale, laminated, tight, no show  
5030-5040' Sandstone, white, very fine grained, dense, low-  
fair porosity, good even oil stain and fluorescence  
5040-5085' Sandstone, white, very fine grained, clay filled,  
shaley, low porosity, no show.



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DST #1 5032-5040 (Logger)

Tester: Virg's (Ernie Vernon)

Type test: Straddle with extra packer @ 5026'

Description: Tool opened with a weak blow and increased to a fair blow at the end of the first 15" flow period; shut in for 30"; opened with fair blow and continued steady until the end of the second 60" flow period; shut in for 60".

Recovery: 155' Gas in pipe above fluid  
15' Free oil (39° gravity)  
15' Heavily oil and gas cut mud  
375' Slightly oil and gas cut water  
(Rw 2.0 @ 65°, .9 @ 140°)

Pressures: Initial hydrostatic 2692#  
Final " 2670#  
Initial flow (1) 34# Initial flow (2) 73#  
Final " 67# Final " 191#  
Initial shut in 854#  
Final " 842#  
Bottom packer held and bled to 1313#

DST #2 5000-5020' (Logger)

Tester: Virg's (Ernie Vernon)

Type test: Straddle with extra packer @ 4994'

Description: Tool opened with a weak blow and died at end of 15" flow period; shut in 30"; no blow during 60" final flow period; shut in 60"

Recovery: 5' Very heavy drilling mud

Pressures: Initial hydrostatic 2704#  
Final " 2657#  
Initial flow (1) 56# Initial flow (2) not readable  
Final " 56# Final " " "  
Initial shut in 1067#  
Final " 1067#

Bottom packer held and bled to 1246#

Comment: The pressure charts indicated strong plugging action during the flow periods.

DST #3 5000-5020' (Logger)

Tester: Virg's (Ernie Vernon)

Type test: Straddle with extra packer @ 4994'

Description: The tool opened with a weak blow and decreased to very weak at the end of the 15" flow period; shut in for 30"; no blow during the final 60" flow period; shut in for 60"

Recovery: 15' Drilling mud

Pressures: Initial hydrostatic 2681#  
Final " 2634#  
Initial flow (1) 34# Initial flow (2) 45#  
Final " 45# Final " 56#  
Initial shut in 1045#  
Final " 977#

Bottom packer held and bled to 1500#

Comment: Only a very slight plugging action was evidenced from the charts. Conclusive test.

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COLORADO OIL & GAS COMMISSION

Schlumberger Formation Tops

Niobrara shale	4012'
Ft. Hays limestone	4483'
Carlile shale	4530'
Greenhorn limestone	4628'
bentonite	4854'
"D" sand	4949'
"J" sand	4997' (-217)

Discussion

The #10-13 Gilbert was drilled to a total depth of 5083' and plugged and abandoned on December 28, 1971. Shows of oil were limited to the upper 50' of the Dakota "J" sand.

The oil shows in the upper "J" seen at 5007-17 and 5034-39 appear to be the down dip edge of oil production in these zones at the Westfork and Ramp fields. The tightness of the upper zone, however, could very well indicate that this is a separate trap situated west of the developed Westfork Field and up-dip from the wet shows of oil evidenced in the W $\frac{1}{2}$  Section 14.

The #10-13 Gilbert was plugged at the base and top of the surface casing in accord with instructions from the Colorado Oil and Gas Commission.

*Donald C. Winslow*

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Donald C. Winslow  
Petroleum Geologist