

Recently plugged and abandoned well.
Was the Humble Federal Leonard #2

UNITED STATES
DEPARTMENT OF THE INTERIOR

ADDITIONAL INFORMATION OF COMPLETION

TYPE OF COMPLETION

Tenneco Oil Company

1860 Lincoln St., Suite 1200, Denver, Colorado 80295

4. LOCATION OF WELL (County, Township, Range, Section, Quarter Section, etc.)

At 1974' INT. 1976' INT.

At top prod. interval reported below

At total depth

Unit G

Leonard Bros.

3

10. FIELD AND POOL OR WILDERNESS

Leonard Queen South

11. SURFACE LOCATION (Twp., Range, Section, Quarter Section, etc.)

Sec. 13, T26S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE COMPLETED	16. DATE WELL REACHED	17. DATE PROD. (Ready to prod.)	18. ELEVATIONS (D., RKB, RT, GR, ETC.)*	19. PROV. CASING NO.
8-11-77	9-3-77	9-9-77	3003.9' GI	
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPLET., HOW MANY*	23. INTERVALS DRILLED BY	24. ROTARY TOOLS
	3713'			0-TD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE
Penrose 3480' - 3435'				Yes
Leonard Queen South 3399' - 3435'				
26. TYPE ELECTRIC AND OTHER LOGS RUN				27. WAS WELL COBED
Comp. Neutron log, Gamma Ray log				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT CEMENTED
13-3/8"	48#	409'	17-1/2"	400 sacks	None
9-5/8"	36#	4199'	12-1/4"	4000 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3564'	None set

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Leonard Queen South = 3398' - 3435', 36 holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Penrose = 3480' - 3524', 28 holes				3398' - 3524'	Acidized with 3000 gallons 15% NE acid
					Frac'd with 45,750 lbs of 20/40 mesh sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-9-77		Rod pump.				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-17-77	24 hours	none		11	136	57	5181
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
30	30		11	136	57		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
To be sold.	

35. LIST OF ATTACHMENTS
Logs have already been mailed to your office.

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

SIGNED

D. L. Myers

TITLE

Div. Production Manager

DATE

9-23-77

*(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 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 that interval separately identified.

Item 29: "Seals 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	DEPT. VES. ENTRY
Queen						
Main Pay	3399	3435	Sand - Oil	Anhydrite	935	935
Penrose	3480	3524	Sand - Oil	Salt (Top)	1072	1072
				Salt (Base)	2430	2430
				Rhodes Marker	2863	2863
				Queen - Main Pay	3000	3000
				Queen - Penrose	3435	3435

RECEIVED