

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC. 2*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.WELL COMPLETION OR RECOMPLETION REPORT AND LOG *
Artesia, NM 88210

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		2. NAME OF OPERATOR McClellan Oil Corporation		3. ADDRESS OF OPERATOR P.O. Drawer 730, Roswell, NM 88210		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FWL & 660' FSL At top prod. interval reported below At total depth		14. PERMIT NO.		DATE ISSUED		5. LEASE DESIGNATION AND SERIAL NO. LC-046119-A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME CONFIDENTIAL		8. FARM OR LEASE NAME Renee Federal		9. WELL NO. 1		10. FIELD AND POOL, OR WILDCAT High Lonesome - Queen		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 17-T16S-R29E		12. COUNTY OR PARISH Eddy		13. STATE NM	
15. DATE SPUDDED 9-5-85		16. DATE T.D. REACHED 9-11-85		17. DATE COMPL. (Ready to prod.) 9-17-85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3642' G.L.		19. ELEV. CASINGHEAD 3642'		20. TOTAL DEPTH, MD & TVD 1850'		21. PLUG, BACK T.D., MD & TVD 1815'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-TD		ROTARY TOOLS		CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1729 - 1750', Penrose		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger CNL / FDC		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"		23		300		12-1/4"		200 SX		-																					
5-1/2"		14		1815		7-7/8"		350 SX		-																					
29. LINER RECORD																															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD																					
										SIZE		DEPTH SET (MD)		PACKER SET (MD)																	
										2-3/8"		1749		-																	
31. PERFORATION RECORD (Interval, size and number)																															
1729 - 1750, .40, 12																															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																															
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																													
1729 - 1750		1000 gal 10% NE acid,																													
		30,000 gal Gel, 26,000 lbs																													
		20-40, 24,000 lbs 12-20																													
33. PRODUCTION																															
DATE FIRST PRODUCTION 9-16-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing																											
DATE OF TEST 9-17-85		HOURS TESTED 24		CHOKE SIZE 18/64"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 32		GAS—MCF. TSTM		WATER—BBL. 4		GAS-OIL RATIO																	
FLOW. TUBING PRESS. 55		CASING PRESSURE 170		CALCULATED 24-HOUR RATE →		OIL—BBL. 32		GAS—MCF. TSTM		WATER—BBL. 4		OIL GRAVITY-API (CORR.) NR																			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																															
35. LIST OF ATTACHMENTS Logs																															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																															
SIGNED Karl Ragdale		TITLE Operations Manager		DATE 9-17-85																											

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Penrose	1726	1750	Sandstone - Oil & Gas

38.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	727'	
Queen	1479'	
Penrose	1726'	

CONFIDENTIAL

McCLELLAN OIL CORPORATION

Renee Federal #1
330' FWL & 660' FSL
Sec. 17-T16S-R29E
Eddy County, NM
Proposed TD: 1850'
Elevation: 3642' G.L.

- 09/05/85: Move in Salazar Rig #13. Prep to spud.
- 09/06/85: Spud w/ 12-1/4" bit at 8:00 a.m. on 9-6-85.
- 09/07/85: Drilled to 300' w/ 12-1/4" bit. Ran 300' of 8-5/8", 23 lb/ft csg. Cemented w/ 200 sx Class C w/ 2% CaCl₂. Circulated 50 sx. WOC-18 hrs.
- 09/08/85: Nipple up BOP's. Test to 1000 psi for 30 min. Drilled out w/ 7-7/8" bit. Present Depth @ 7:00 a.m. 9/8/85 - 600'.
- 09/09/85: Drilling @ 1170'. Cl-180,000 ppm.
- 09/10/85: Drilling @ 1720'. Mudded up w/ 30 viscosity, 10.5#/gal, 20.8 WL.
- 09/11/85: TD @ 1850'. Circulated 2 hrs for logs. Ran Schlumberger CNL and FDC logs. Prep to run 5-1/2" csg.
- 09/12/85: Ran 56 jts of 5-1/2", 14# csg w/ Halliburton using 150 sx Hall/Lite 8# salt, 1/4# Flocele, and 200 sx Class C 6# salt, 2.% CFR-3. Plug down @ 10:00 a.m. PBTD=1783'. Set slips and released rig. No further reports till completion.
- 09/13/85: Rigged up pulling unit. Ran tubing to 1750'. Shut down.
- 09/14/85: Spotted 1000 gal 10% NE acid. Pulled tbg. Perfed 1729', 30, 31, 32, 36, 37, 38, 43, 45, 48, 49, 50' w/ 12 shots; 1 JSPF. Broke down formation down csg @ 1600 psi. Displaced acid and fraced w/ 31,000 gal gelled KCL water w/ 26,000 lbs 20-40 and 24,000 lbs 12-20 sand @ 15 BPM @ an Avg Psi of 1400. ISIP-1220, 15 min-1100. SION to allow gel to break.
- 09/15/85: Ran tbg in hole to 1749'. Flowing back frac load. Flowed approx 200 BBLs in 48 hrs. BLWTR-550. Made 45 BBLs in last 24 hrs. FTP-50 psi on 18/64" choke. CP-170.