

UNITED STATES OF AMERICA  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR McClellan Oil Corporation ✓						5. LEASE DESIGNATION AND SERIAL NO. NM-41642	
3. ADDRESS OF OPERATOR P. O. Drawer 730, Roswell, NM 88202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)* At surface 990 FEL & 330 FNL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
15. DATE SPUDDED 10-29-85						8. FARM OR LEASE NAME Exxon Fed.	
16. DATE T.D. REACHED 11-5-85						9. WELL NO. 1	
17. DATE COMPL. (Ready to prod.) 11-20-85						10. FIELD AND POOL, OR WILDCAT High Lonesome Queen	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3626' G.L.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29-T16S-R29E	
19. ELEV. CASINGHEAD 3626'						12. COUNTY OR PARISH Eddy	
20. TOTAL DEPTH, MD & TVD 2000'						13. STATE NM	
21. PLUG BACK T.D., MD & TVD 1937'						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Penrose 1849 - 1901	
22. IF MULTIPLE COMPL., HOW MANY*						25. WAS DIRECTIONAL SURVEY MADE Yes	
23. INTERVALS DRILLED BY → 0-TD						26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser CNL/LDT	
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"	20	254'	12-1/4"	200 SX		Circ	
5-1/2"	14	2000'	7-7/8"	280 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"	1910'	None					
31. PERFORATION RECORD (Interval, size and number)							
1849 - 1901 .40 11 holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
1849-1901		1500 gal 10% NE, 30,000 gal gelled water, 17,500 lbs 20/40, 15,000 lbs 12-20					
33.* PRODUCTION							
DATE FIRST PRODUCTION 11-15-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in		
DATE OF TEST 12-18-85	HOURS TESTED 24	CHOKE SIZE 17/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 5.28	GAS—MCF. 195	WATER—BBL. 0	
FLOW. TUBING PRESS. 72	CASING PRESSURE 100	CALCULATED 24-HOUR RATE →	OIL—BBL. 5.28	GAS—MCF. 195	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 32	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in						TEST WITNESSED BY Phillips Petroleum	
35. LIST OF ATTACHMENTS Deviation Survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Karl K. Koppale		TITLE Operations Manager			DATE 1-9-86		

\* (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: "Socks 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Penrose	1845	1910	Sandstone - Oil & Gas	Salt	270'	
				Yates	838'	
				Seven Rivers	1055'	
				Queen	1595'	
				Penrose	1845'	

FROM POC Lab Od., TX 12/18/85 16:13 P. 1 S-G & GL SURVEY  
 CO. *McChilton Oil* LEASE *From Federal* WELL # *1* TYPE GAS *California*  
 LOCATION *330'N + 990'E 29-16-29* COUNTY *Chico* STATE *N.M.*  
 FIELD *High Lanesme* FORM *Queen* CHOKE *1740* TYPE TRAP *Conv.*  
 TRAP TEMP. .... TRAP PRESS. *244* FTP. *72* ATMOS TEMP. *46* GAS TEMP *46* BARD. *627*  
 DATE SEC. *12-16-85* DATE RUN *12-18-85* SEC BY *CT* RUN BY *ES* BOMB PRESS *244*  
 H2S GR. (CORR) *440PM* CO2 ON TAG ..... MISC. ....

*Oil Prod: 5.28 BOPD*  
*Gas Volume: 195 McFD*

INST 2 METH 2 FILE 43  
 RUN 1 G-868 14 : 20.4 12 / 18 / 85

COMPONENT	FINAL MOL %
C6 PLUS	.48
H2	35.43
C1	49.16
CO2	0
ETHANE	8.45
C3	4.2
IC4	.51
HC4	1.15
IC5	.31
HC5	.31
TOTAL	100

PRESSURE BASE AT 60 DEG. F.  
 14.696 14.65

C6 PLUS	GPM	.2082	.2075
ETHANE	GPM	2.2547	2.2477
C3	GPM	1.1546	1.151
IC4	GPM	.1664	.1659
HC4	GPM	.3617	.3606
IC5	GPM	.1131	.1128
HC5	GPM	.112	.1116
TOTAL GPM		4.3707	4.3571
Z FACTOR:		.997845	
CAL. SP. GR.		.832	
GAS FACTOR		.995821	
BTU'S			
SAT., 14.696, 60 DEG.:			842.208
SAT., 14.65, 60 DEG.:			839.525
DRY, 14.65, 60 DEG.:			854.462
DELIVERY CONDITION, 14.65:			850.891

*648*

Type Gas	California
State	New Mexico
County	Chico
Field	High Lanesme
Formation	Queen
Company	McChilton Oil
Wells #	1
Lease	From Federal
Location	330'N + 990'E 29-16-29
Trap	Conv.
Trap Temp	46
Trap Press	244
Atmos Temp	46
Bomb Press	244
Sec	12-16-85
Run	12-18-85
Sec By	CT
Run By	ES
Bomb Press	244
CO2 ON TAG	
Misc	

*432*  
*448*

WELL NAME AND NUMBER M.O.C. Exxon Federal No. #1  
LOCATION Section 29, T16S, R29E  
OPERATOR McClellan Oil Corporation  
DRILLING CONTRACTOR Salazar Brothers Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2° @ 500'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° @ 1050'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° @ 1580'</u>	<u>                    </u>	<u>                    </u>
<u>1° @ 2000'</u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>	<u>                    </u>

DRILLING CONTRACTOR Salazar Brothers Drilling, Inc.  
BY G. M. Salazar  
TITLE President

Subscribed and sworn to before me this 21 day of November, 19 85.

Illean Martinez  
NOTARY PUBLIC

                     County of Bernalillo

My Commision Expires:  
May 10, 1986



**PHILLIPS PETROLEUM COMPANY**

ODESSA, TEXAS 79762  
4001 PENBROOK

GAS AND GAS LIQUIDS GROUP

December 26, 1985

Re Field Tests

McClellan Oil  
Drawer 730  
Roswell, New Mexico 88201

Attention: Paul Ragsdale

Gentlemen:

Listed below are results of the Gas-Oil-Ratio test that we ran on your lease in the High Lonesome/Queen field in Eddy County, New Mexico.

<u>Lease</u>	<u>Wells</u>	<u>24-Hr. Oil Prod.</u>	<u>Daily Gas Vol. MCF</u>	<u>GPM</u>	<u>GOR</u>	<u>Length of Test</u>
Exxon Federal	1	5.28	195	.648	36,932	24 Hr. Rate

Attached is a copy of the chromatographic analysis.

Thank you for your assistance in making it possible for us to test your lease.

Very truly yours, .

*D. R. Thames*

D. R. Thames

DRT:cas - RC  
Attachment