

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

RECEIVED

Form approved.
 Budget Bureau No. 42-R355.5.

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 Mewbourne Oil Company					
3. ADDRESS OF OPERATOR P. O. Box 7698, Tyler, Texas 75711					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*					
At surface 330' FNL & 990' FEL					
At top prod. interval reported below					
At total depth Same					
5. LEASE DESIGNATION AND SERIAL NO.		NM-4609			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME					
8. FARM OR LEASE NAME Federal "E"					
9. WELL NO. 7					
10. FIELD AND POOL, OR WILDCAT Querecho Plains - Queen (Associated)					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 27-18S-32E					

14. PERMIT NO.		DATE ISSUED 5/2/83		12. COUNTY OR PARISH Lea		13. STATE N.M.	
15. DATE SPUDDED 7/8/83	16. DATE T.D. REACHED 7/15/83	17. DATE COMPL. (Ready to prod.) 8/13/83	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3763', DF 3762', GL 3752'		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 4300'	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)* Penrose 4151-71' - Queen 3900-36'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Acoustic Velocity, Computer Analyzed, Guard Forxo, GR-CCL						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#	1208'	12-1/4"	360 sx lite & 200 sx	Class "C"	None
4-1/2"	10.5#	4300'	7-7/8"	750 sx lite & 200 sx	Class "C"	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4196'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Penrose	4151-71'	1 JSPF	(21 holes)	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Queen	3900-36'	1 JSPF	(30 holes)	See Attachment	

33.* PRODUCTION							
DATE FIRST PRODUCTION 8/13/83	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/19/83	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 94	GAS—MCF. 121	WATER—BBL. 12 BLW	GAS-OIL RATIO 1288
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 94	GAS—MCF. 121	WATER—BBL. 12 BLW	OIL GRAVITY-API (CORR.) 38°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	ACCEPTED FOR RECORD
--	---------------------

35. LIST OF ATTACHMENTS Treatment of Perforations - Logs as listed above.
--

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

SIGNED Raymond Thompson TITLE Exploration Secretary DATE 8/19/83

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

ROSWELL, NEW MEXICO

AUG 29 1983

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 manner of completion should 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.)

AUG 30 1963

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 TEST, TIME TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3894	3936	Sandstone - Red tint, very fine clear rounded quartz grains, unconsolidated no visible show. This sand drilled from 1 to 2 minutes per foot with some 3 minute feet. It has 4.5 to 13.5% porosity with 29 to 43% water saturation.	Base of Salt Nates Nates Pay Zone Seven Rivers Top of Queen Penrose TD	2494' 2674' 2842' 3072' 3894' 4136' 4299'	
Penrose	4136	4171	Sandstone - Light gray tinted samples some very fine unconsolidated quartz grains in samples, no visible shows. This zone drilled 4 minutes per foot down to 4150' and then 2 to 3.5 minutes per foot through the rest of the sand. Its lower part has 7 to 14% porosity with 26 to 46% water saturation.			