

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Mescalero Ridge Unit8. FARM OR LEASE NAME
Mescalero Ridge Unit9. WELL NO.
8-3510. FIELD AND POOL, OR WILDCAT
Pearl Queen11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 35, 19S, 34 E.12. COUNTY OR PARISH
Lea 13. STATE
New Mex.

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
Ernest A. Hanson3. ADDRESS OF OPERATOR
P. O. Box 1515, Roswell, New Mexico4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
1980' FSL & FWL**At surface**
Sec. 35, T. 19 S, R. 34 E., N.M.P.M.**At top prod. interval reported below****At total depth**

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **11/19/64** 16. DATE T.D. REACHED **12/8/64** 17. DATE COMPL. (Ready to prod.) **12/15/64** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3705' GL** 19. ELEV. CASINGHEAD **3705'**20. TOTAL DEPTH, MD & TVD **5232' dolo.** 21. PLUG, BACK T.D., MD & TVD **none** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0-5232'** ROTARY TOOLS CABLE TOOLS24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4594 - 5019' in Queen Formation 25. WAS DIRECTIONAL SURVEY MADE
NO26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray-Neutron 27. WAS WELL CORED
Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2"	15-1/2#	5232'	7-7/8"	350 sx. incore	NONE
8-5/8"	23#	202'	10-3/4"	125 sx. incore	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"	4594'	NONE

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1-0.40 SPF @ 4594, 4598, 4601, 4605, 4608, 4618, 4624, 4739, 4741, 4743, 4875, 4877, 4879, 4881, 4927, 4928, 4929, 5012, 5015, 5017, 5019'.				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4927-5019	250 acid, 16,800 LO + 16,000 sd.
				4739-4881	750 acid 16,380 LO + 14,000 sd/
					1500 acid 15,000 LO + 13,000 sd.

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut in)	
Dec. 15, 1964		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/15/64	24	2"	→	45		5	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	45		5	35	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY
Schram35. LIST OF ATTACHMENTS
2-Gamma Ray-Neutron & Temperature Survey

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

SIGNED

TITLE

Geologist

DATE

12/21/64

*(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.	38. GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
#1 Queen Fm.	4575	4625	Rec. 50' being 33' gry. sd. w/scat. SO, 2' dense gry. dolo. w/NS 8' gry. sd. w/scat. SO, 2' dense gry. dolo. w/NS, 5' gry. sd. w/NS.	t. Anhy. T. Salt B. Salt T. Yates T. Queen T. Penrose	1751' 1894' 3376' 3613' 4557' 4920'