

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 052	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Ernest A. Hanson		7. UNIT AGREEMENT NAME Mescalero Ridge	
3. ADDRESS OF OPERATOR P. O. Box 1515, Roswell, New Mexico		8. FARM OR LEASE NAME Mescalero Ridge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & FWL At top prod. interval reported below Sec. 35, T. 19 S., R. 34 E., N.M.P.M. At total depth Lea County, New Mexico		9. WELL NO. 5-35	
14. PERMIT NO.		13. STATE New Mexico	
15. DATE SPUDDED 6-22-64		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 7-8-64		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3719' KB	
17. DATE COMPL. (Ready to prod.) 7-25-64		19. ELEV. CASINGHEAD 3710'	
20. TOTAL DEPTH, MD & TVD 5286'		23. INTERVALS DRILLED BY 0-5286'	
21. PLUG, BACK T.D., MD & TVD 5230'		25. WAS DIRECTIONAL SURVEY MADE No	
22. IF MULTIPLE COMPL., HOW MANY*		27. WAS WELL CORED Yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4576-5150' Queen Formation			
26. TYPE ELECTRIC AND OTHER LOGS RUN Formation Density			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	23#	204'	11"
5-1/2"	15-1/2"	5230'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
125 sx. circulated		None	
350 sx. to BX		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4576'	None	
31. PERFORATION RECORD (Interval, size and number)			
1 - 0.33" jet/ft. @ 4576, 4595-96, 4606, 4618, 4627-28, 4871-74, 4921-23 & 5144-50'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4576-5150		750 gals. Spearhead acid. Frac.	
		w/80,000 gals. lease oil &	
		43,000 lbs. sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 7-25-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 7-25-64	HOURS TESTED 24	CHOKED SIZE 1/4"	PROD'N. FOR TEST PERIOD 135
FLOW. TUBING PRESS. 7-25-64	CASING PRESSURE 24	CALCULATED 24-HOUR RATE 135	GAS—MCF. 135
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Company		TEST WITNESSED BY H. F. Schram	
35. LIST OF ATTACHMENTS 2 - Formation density logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Kary F. Schram		TITLE Geologist	
		DATE July 27, 1964	

*(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 83, 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Queen Fm.	4912	4945	Rec. 33': 2' gry. dense dolo. w/NS, 2' f. gr. gry. sd. w/SO, 5' gry. dense dolo. w/NS, 5' f. gr. gry. sd. w/GSO, 16' f. gr. rd. shly. sd., 3' dense dolo. w/NS.	Anhydrite T. of Salt B. of Salt Yates Fm. Queen Fm. Penrose sd.	1782' 1910' 3368' 3580' 4556' 4914'	
Queen Fm.	5117	5143	Rec. 25': 25' dense gry. dolo. w/NS			