

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 05519	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ 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 MRU "26"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below At total depth 330' FSL & 1980' FEL Sec. 26, T-19-S, R-34-E Lea County, New Mexico		9. WELL NO. 3	
14. PERMIT NO. _____		10. FIELD AND POOL, OR WILDCAT Pearl Queen	
DATE ISSUED _____		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T-19-S, R-34-E	
15. DATE SPUNDED 9-19-66		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 10-5-66		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 10-15-66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3742 KB	
19. ELEV. CASINGHEAD 3730		20. TOTAL DEPTH, MD & TVD 5150'	
21. PLUG, BACK T.D., MD & TVD 5145'		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY 0-5150'		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4630 - 4657' Queen Fm.	
25. WAS DIRECTIONAL SURVEY MADE _____		26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Den - Cal	
27. WAS WELL CORED _____		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		24#	
5 1/2"		15 1/2#	
DEPTH SET (MD)		HOLE SIZE	
208'		12"	
5145'		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED	
200 sx. circ.		None	
350 sx.		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
2 3/8		DEPTH SET (MD)	
4500'		PACKER SET (MD)	
None		31. PERFORATION RECORD (Interval, size and number) 1-0.50" jet @ 4630, 4632, 4637, 4650, 4652, 4654 & 4657'.	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)	
4630 - 4657		AMOUNT AND KIND OF MATERIAL USED	
750 gals. acid + 20,000 gals. lease oil + 20,000 lbs. sand		33.* PRODUCTION	
DATE FIRST PRODUCTION 10-15-66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Prod.		DATE OF TEST 10-16-66	
HOURS TESTED 24		CHOKE SIZE 2"	
PROD'N. FOR TEST PERIOD 50		OIL—BBL. 50	
GAS—MCF. 0		WATER—BBL. 0	
GAS-OIL RATIO 37		FLOW. TUBING PRESS. _____	
CASING PRESSURE _____		CALCULATED 24-HOUR RATE 50	
OIL—BBL. 50		GAS—MCF. 0	
WATER—BBL. 0		OIL GRAVITY-API (CORR.) 37	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY H. F. Schram	
35. LIST OF ATTACHMENTS 2-GR-Den-Cal logs		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED _____		TITLE Exploration Manager	
DATE 10-17-66		DATE 10-17-66	

*(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		38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Core #1	4627	4672	Rec. 45' rd. sd., gry. sd. & dolo. w/SO throughout.	T. Anhydrite T. Salt B. Salt T. Yates T. Queen T. Penrose	1818 1942 3354 3578 4606 4924	