

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 1920' FNL & FLL At top prod. interval reported below At total depth										9. WELL NO. 4-35	
14. PERMIT NO. DATE ISSUED										10. FIELD AND POOL, OR WILDCAT Pearl Queen	
15. DATE SPUDDED 2-21-64 16. DATE T.D. REACHED 3-10-64 17. DATE COMPL. (Ready to prod.) 3-15-64 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3724' KB 19. ELEV. CASINGHEAD 3715'										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35-19S-34E	
20. TOTAL DEPTH, MD & TVD 5200' 21. PLUG, BACK T.D., MD & TVD None 22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS 0-5200 CABLE TOOLS										12. COUNTY OR PARISH Lea 13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4582-5190' Queen Formation										25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN S/GF, LL, FLL & MCI										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	
8-5/8		23		218		10-3/4		100 sx.		None	
5-1/2		15-1/2		5200		7-7/8		350 sx.		None	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
										SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
										2-3/8	
										4582	
										None	
31. PERFORATION RECORD (Interval, size and number) See accompanying page						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
								See accompanying page			
33.* PRODUCTION											
DATE FIRST PRODUCTION 3-15-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 3-15-64		HOURS TESTED 24		CHOKE SIZE 16/64		PROD'N. FOR TEST PERIOD →		OIL—BBL. 118		GAS—MCF. 2	
FLOW. TUBING PRESS. 200		CASING PRESSURE →		CALCULATED 24-HOUR RATE →		OIL—BBL. 118		GAS—MCF. 2		WATER—BBL. 36	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY Schram	
35. LIST OF ATTACHMENTS 31. Perforation Record. 32. Acid & Fracture and 2-Sonic/Gamma Ray Logs											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED Kenny P. Schram		TITLE Geologist				DATE 3-23-64					

*(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 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	TRUE VERT. DEPTH
Q #1: Queen Fm.	4564	4615	Rec. 51': 14' sdy. sh., 18' gry. sd. w/so, 2' gry. sd., NS, 4' gry. dolo., 8' sdy. sh., 3' gry. dolo., 2' gry. sd. w/so	T. Anhy. T. Salt B. Salt	1792 1918 3356	
Q #2: Queen Fm.	4615	4628	Rec. 13': 5' gry. sd. w/so, 3' gry. sd. w/NS, 2' sh., 3' dolo.	T. Yates T. Queen T. Penrose	3564 4543 4885	
Q #3: Queen Fm.	4880	4902	Rec. 22': 1' dolo., 1' gry. sd. w/so, 2' dolo., 6' gry. sd. w/SSO, 6' sh., 2' dolo., 6' sh.			
Q #4: Queen Fm.	4938	4946	Rec. 8': 3' dolo., w/NS			

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

31. Perforation Record

All intervals were perforated with 1 - 0.41" jet per foot.

4579-4580', 4582-4583', 4587-4588' & 4590'
4616-4620'
4717-4719' & 4842-4847'
5087-5093'
5184-5190'

32. Acid, Shot, Fracture, Cement Squeeze, Etc.

Prior to perforating, 600 gals. of acetic acid was put in the bottom of the hole.

All intervals as designated were treated limited entry between HOKCO 11% straddle packers.

4579-4590'	250 gals. acid, 13,230 gals. lease oil & 10,000 lbs. sand.
4616-4620'	250 gals. acid, 13,600 gals. lease oil & 11,000 lbs. sand.
4717-4847'	250 gals. acid, 13,734 gals. lease oil & 7,000 lbs. sand.
5087-5093'	250 gals. acid, 14,028 gals. lease oil & 10,500 lbs. sand.
5184-5190'	250 gals. acid, 14,028 gals. lease oil & 10,500 lbs. sand.

Date: March 23, 1964


Harry F. Schram

[illegible]

~~CONFIDENTIAL~~