

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.

5. LEASE DESIGNATION AND SERIAL NO.

N.M. 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Mescalero Ridge8. FARM OR LEASE NAME
Mescalero Ridge Unit9. WELL NO.
7-3510. FIELD AND POOL, OR WILDCAT
Undesignated11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 35-19S-34E12. COUNTY OR
PARISH
Lea13. STATE
New Mexico

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. Hanson

3. ADDRESS OF OPERATOR

P. O. Box 1515, Roswell, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FNL & 1980' FEL

At top prod. interval reported below

Sec. 35, T. 19 S., R. 34 E.

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/29/64

16. DATE T.D. REACHED

11/16/64

17. DATE COMPL. (Ready to prod.)

11/20/64

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3721' KB

19. ELEV. CASINGHEAD

3710'

20. TOTAL DEPTH, MD & TVD

5250'

21. PLUG. BACK T.D., MD & TVD

5222'22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-5250

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4601-5209' Queen Formation25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray-Neutron and Temperature Survey27. 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#	206	12"	125 ex. Incore-Circulated	
5-1/2"	15 1/2#	5249	7-7/8"	350 ex. Incore-Top @ 3340'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4600	NONE

31. PERFORATION RECORD (Interval, size and number)

**1-0.40" SPF @ 4601, 4603, 4608, 4610,
4623, 4633, 4639, 4859-4865, 4968-4971,
4981-4983, & 5203-5209'.**

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5203-5209	250 gals. acid
4968-4983	250 acid, 16,800 LB + 18,000 sd.
4859-4865	250 acid, 17,400 LB + 16,000 sd.
4601-4639	1000 acid, 15,540 LB + 14,000 sd.

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
November 20, 1964		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/20/64	24 hrs.	2"	→	48		2	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	48		2	36	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to Phillips Petroleum CompanyTEST WITNESSED BY
H. F. Schram

35. 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

Harry F. Schram

TITLE

Geologist

DATE

November 21, 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 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
Queen Fm. #1	4604	4654	Rec. 50' being 12' sd. w/scat. SO, 3' gry. dolo., 8' sd. w/scat. SO, 5' dolo., 15' sd. w/scat. SO, 7' gry. dolo.	T. Anhy.	1805	
Queen Fm. #2	4864	4879	Rec. 15' being 5' sd. w/scat. SO, 15' gry. dolo. w/NS.	T. Salt	1930	
Queen Fm. #3	4912	4962	Rec. 50' being 13' shly. sd., 2' dolo., 6' shly sd. w/NS, 35' gry. dolo.	B. Salt	3354	
Queen Fm. #4	4962	5016	Rec. 52' being 6' dolo., 9' sd. w/SO, 1' dolo., 10' sd. w/SO, 21' dolo., 5' dense sd. w/ns.	T. Yates	3575	
Queen Fm. #5	5135	5170	Rec. 35' being dolo. w/SSO @ 5165-68'.	T. Queen	4569	
				T. Penrose	4904	