

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.

NM 052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

Mescalero Ridge Unit

9. WELL NO.

1-35

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

11. SEC., T. R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 35-19S-34E

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL
WELLGAS
WELL

DRY

Other

b. TYPE OF COMPLETION:

NEW
WELLWORK
OVERDEEP-
ENPLUG
BACKDIFF.
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

1980' FSL & 560' FEL

At top prod. interval reported below

Sec. 35, T. 19 S., R. 34 E., N.M.P.M.

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-16-63

16. DATE T.D. REACHED

12-2-63

17. DATE COMPL. (Ready to prod.)

12-12-63

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

3703' GR

19. ELEV. CASINGHEAD

3703'

20. TOTAL DEPTH, MD & TVD

5152'

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

5129

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

ROTARY TOOLS

CABLE TOOLS

0-5152'

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

4580-5086' Queen Formation

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/Sonic, LL, MLL & MOP

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	201	12	125 ex.	None
5-1/2	15 1/2	5129	7-7/8	250 ex.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	4600	

31. PERFORATION RECORD (Interval, size and number)

1- 0.33 jet per ft. @ 4580-84, 4716-19,
4846-50, 4952-56, 4963-66, 5070-75 &
5084-86

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4580-5086	2500 gals. acid, 60,000 gals. leane oil and 40,000 lbs. sand

33.*

PRODUCTION

DATE FIRST PRODUCTION

12-12-63

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

Producing

DATE OF TEST

12-12-63

HOURS TESTED

24

CHOKE SIZE

1/16

PROD'N. FOR
TEST PERIOD

63

OIL—BBL.

GAS—MCF.

WATER—BBL.

0

GAS-OIL RATIO

FLOW. TUBING PRESS.

175

CASING PRESSURE

300

CALCULATED
24-HOUR RATE

OIL—BBL.

63

GAS—MCF.

WATER—BBL.

0

OIL GRAVITY-API (CORR.)

36

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

Vented

TEST WITNESSED BY

Bill Cronan & H. F. Schram

35. LIST OF ATTACHMENTS

GR/Sonic - 2

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

SIGNED

TITLE

Geologist

DATE 12-14-63

*(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
Dewey Lake	0	1778	Red beds	Anhydrite	1778	
Rustler	1778	1908	Anhydrite	T. Salt	1908	
Salado	1908	3365	Salt	B. Salt	3365	
Tansil	3365	3572	Anhydrite & dolomite	Yates	3572	
Yates & 7-Riv.	3572	4543	Dolomite & sand	Queen	4543	
Queen	4543	5152	Sand & dolomite	Penrose	4886	