

UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CHANGE IN STATUS OF WELL
HANSON OIL COMPANY(See other instructions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

N.M. 04452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Mescalero Ridge

8. FARM OR LEASE NAME

"26"

Mescalero Ridge Unit

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Pearl Queen

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

Sec. 26 - 19S - 34E

12. COUNTY OR
PARISH

Lea

13. STATE

N. Mex.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL ☒ GAS ☐
EFFECTIVE APRIL 1, 1970 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

1650' FSL & 1980' FWL

At top prod. interval reported below

Sec. 26, T-19-S, R-34-E

At total depth

Lea County, New Mexico

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

4-4-67

16. DATE T.D. REACHED

4-24-67

17. DATE COMPL. (Ready to prod.)

5-1-67

18. ELEVATIONS (DF, REB, BT, OR, ETC.)*

3751' KB

19. ELEV. CASINGHEAD

3739'

20. TOTAL DEPTH, MD & TVD

5174'

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

5159'

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

→

ROTARY TOOLS

0-5174'

CABLE TOOLS

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

4990 - 5006' Queen Formation

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Den-Cal

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"	24#	235'	12-1/2"	200 sx. circ.	None
5-1/2"	15-1/2#	5159'	7-7/8"	350 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4950'	None

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

Perf. 1 - 0.48" JPF @ 4990', 4991',
4992', 4994', 5003', 5004', 5005',
& 5006'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4990-5006'	Frac. w/1500 gals. acid + 19,740 gals. lease oil + 16,500 lbs. sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
May 1, 1967		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-1-67	24		→	80	TSTM	0	TSTM
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	0#	→	80	TSTM	0	TSTM	

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

Sold

TEST WITNESSED BY

Schram

35. LIST OF ATTACHMENTS

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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 Exploration Manager

DATE May 5, 1967

*(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 33.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Q #1 Queen	4636	4680	Rec. 34' being rd. sd. & dolo. w/ SO in 6' sd.	Anhy.	1805'
Q #2 Queen	4880	4896	Rec. 16' being 8' gry. sd. w/SSO & 8' gry. dolo. w/NS.	T. Salt	1931'
Q #3 Queen	4990	5008	Rec. 18' being 5' gry. sd w/SSO, 3' gry. dolo. w/NS, 9' gry. sd. w/ SO & 1' gry. dolo. w/NS.	B. Salt	3341'
				Yates	3563'
				Queen	4616'
				Penrose	4929'