

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.

064149

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mitchell Fed.

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Maljamar

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

8-17-32

12. COUNTY OR
PARISH

Lea

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL
WELL ☒GAS
WELL ☐DRY ☐

b. TYPE OF COMPLETION:

NEW
WELL ☐WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐Other ☐

2. NAME OF OPERATOR

LEONARD NICHOLS

3. ADDRESS OF OPERATOR

MALJAMAR, NEW MEXICO

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

At surface

350 East, 330 North

Sec. 8-17-32

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-31-63

16. DATE T.D. REACHED

11-13-63

17. DATE COMPL. (Ready to prod.)*

12-5-63

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

4077 Ground

19. ELEV. CASINGHEAD

4077

20. TOTAL DEPTH, MD & TVD

4110

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

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

ROTARY TOOLS

CABLE TOOLS

0-4110

24. PRODUCE INTERVAL(S), IN THIS COMPLETION, TOP BOTTOM, NAME (MD AND TVD)*

3798-3802 3806-10

3832-36

3916-26

Grayburgh

4062-75 Lovington Sand

25. WAS DIRECTIONAL
SURVEY MADE

NEW Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GAMMA & NUTRON

27. WAS WELL CORED

YES NO

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	268	11	200 circulated	
5 1/2	14	4110	7 7/8	350	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE
					DEPTH SET (MD)
					PACKER SET (MD)
					2 3/8"
					3925
					No

31. PERFORATION RECORD (Interval, size and number)

3798-3802 3806-10

3832-36

3916-26 4062-75

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	25,000 Gals. Refined Oil
	40,000 lbs. Sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-2-63		Pump 1 1/2"				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-6-63	24		→	42		No	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				34.2	

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

PHILLIPS PET Connected

TEST WITNESSED BY

O.O. McOutcheon

35. LIST OF ATTACHMENTS

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

SIGNED

C. F. McOutcheon

TITLE

Supt.

DATE

12-9-63

*(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 38, 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 38. 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gyp & Red Bed	0	1035	Oil & Gas Oil & Gas Livingston	Salt	1035	1115
Salt	1035	2150		Queens Sand	3165	40
Anhydrite	2150	3165		Greyburg	3650	3928
Red Sand	3165	3205		San Andres	3928	
Anhydrite	3205	3650				
Lime	3650	3798				
Sandy Lime	3798	3836				
Lime	3836	3916				
Sandy Lime	3916	3926				
Lime	3926	4062				
Sandy	4062	4075				
Lime	4075	4110				