

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO

N.M. 058122

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Federal

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

Federal - Indian Medical

9. WELL NO.

No. 1

10. FIELD AND POOL, OR WILDCAT

Medical Ent -
Wildcat11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 14, T19N, R3W

12. COUNTY OR
PARISH

San Juan

13. 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

Lon C. Wiley & Fluid Power Pump Company

3. ADDRESS OF OPERATOR

1000 Link of New Mexico Building, Albuquerque, New Mexico

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

At surface

990' FSL, 660' FTL

At top prod. interval reported below

990' FSL, 660' FTL

At total depth

14. PERMIT NO.

U.S.G.S.

DATE ISSUED

3/28/69

15. DATE SPUNDED

3/29/69

16. DATE T.D. REACHED

4/9/69

17. DATE COMPL. (Ready to prod.)

4/16/69

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

6637' GR 6850' KB

19. ELEV. CASINGHEAD

6637'

20. TOTAL DEPTH, MD & TVD

5312'

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

5299'

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0'-5312'

CABLE TOOLS

None

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

Entrada Sandstone

5249' - 5273'

24' Jurassic Entrada Sandstone

25. WAS DIRECTIONAL
SURVEY MADE

Yes - Tocto

Surveys

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric Log, Formation Density Log

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"	24.0 lbs	200'	12-1/4"	150 sks Class "A" Cement	Circulated
4-1/2"	9.5 lbs	5310'	7-7/8"	300 sks Class "C" Cement	Circulated
	155 R-2, STL			to 1600'. Tested w/1000 lbs	
2-3/8"	4.70 lb J55 R-2 Fine Tbg Set at 5245.18', seating nipple & perf. pup w/bull plug				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-3/8"	5245.18'	None

31. PERFORATION RECORD (Interval, size and number)

5252' - 5258' 6' with 3 half inch holes
per foot.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5252'-5258'	200 gal 10% acetic acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/16/69		Flowing and swabbing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/16/69	10 hrs	2"	—————→	330	TSM	TSM	TSM
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
30 lbs	125 lbs	—————→	792 bbls	TSM	TSM	33 API'd	

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

Vented

TEST WITNESSED BY

Don C. Wiley

35. LIST OF ATTACHMENTS

4 copies Induction Electric Log, 4 copies Formation Density Log.

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

SIGNED

TITLE

Geologist

DATE

April 17, 1969

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE

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.)

DST No. 1: 4033'-4055', 22', IFF 5" 72 lbs, ICIP 95" 1173 lbs, FFP 30" 78 lbs, PCIP 45" 783 lbs, recovered 100' slightly gas-cut mud, hydrostatic pressure 1943 lbs.

DST No. 2: 5239'-5256', 17', IFF 15" 634 lbs, ICIP 30" 2020 lbs, FFP 2 hrs 1674 lbs, PCIP 1 hr 2020 lbs, recovered 4650' of oil, no water, in 2 hrs. Hydrostatic pressure 2528 lbs.

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
Lewis Shale	Surface		370'	Gry shale, thin sandstones.			
Charca-Mesaverde	370'	1126'	1126'	Sandstone, gry, porous, some shale & coal streaks.	Point Lookout	1966'	1966'
Manefee-Mesaverde	1126'	1966'	1966'	Shale, gry, dk gry, coal beds, interbedded ss.	Mancos Shale	2108'	2108'
Pt Lookout-Mesaverde	1966'	2108'	2108'	Sandstone, gry coarse grained, porous.	Greenhorn L.S.	3964'	3964'
Mancos Shale	2108'	2792'	2792'	Shale, gry, dk gry, silty, some shaley ss.	Dakota SS	4216'	4216'
Gallup	2792'	3340'	3340'	Sandstone and silty shale, gry, tight.	Morrison Fmtn	4436'	4436'
Mancos Shale	3340'	3964'	3964'	Shale, dk gry, thin ss and some thin ls beds.	Todilto L.S.	5238'	5238'
Greenhorn Limestone	3964'	4004'	4004'	Gry limestone, bentonitic, and dk shale.	Entrada SS	5249'	5249'
Graneros Shale	4004'	4048'	4048'	Shale, dk gry, flakey.			
Graneros SS & Shale	4048'	4216'	4216'	Sandstone, gry-white, dk gry shale.			
Dakota Formation	4216'	4436'	4436'	Sandstone, gry-white-interbedded gry shales.			
Morrison Formation	4436'	5238'	5238'	Sandstones & shales, varicolored, pink, m. cool, gry.			
Todilto Limestone	5238'	5249'	5249'	Gry limestone, white gypsum, tight.			
Entrada Sandstone	5249'			Sandstone, porous, lower part crossbedded, 24' oil stained sandstone, lower part of water saturated.			

Core No. 1: 5196'-5256', 60' recovered. 5196'-5245' red shale and red and gry l.s., 5245'-5256' ss, oil saturated, dk brn.

Core No. 2: 5256'-5296', 40' recovered. 5256'-5169', 13' ss oil saturated, dk brn. 5169'-5196' s.s. gry, water saturated.