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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form 2-570 (Rev. 5-65)
Geological Survey No. 22-12555-5

WELL DESIGNATION AND SERIAL NO.

10-026978-1a

NAME OF ENGINEER, ADDRESS OR FIRM NAME

NONE

FIRM AGENCY NAME

NONE

NAME OF LAND OWNER

L. R. Manning "A" - Fred

WELL NO.

5

FIELD AND POOL, OR WILDCAT

Loo

TOWNSHIP, RANGE, MERIDIAN, OR BLOCK AND SURVEY
OR AREA

Sec. 21, T-16-S, R-30-E

COUNTY OR
PARISH

Eddy

STATE

N. M.

PERMIT NO.

Regular

DATE ISSUED

Jan. 17, 1967

15. DATE SPUDDED

Feb. 7, 1967

16. DATE T.D. REACHED

Feb. 14, 1967

17. DATE COMPL. (Ready to prod.)

March 8, 1967

18. ELEVATIONS (OF RKB, RT, GR, ETC.)

3482' (D. F.)

19. ELEV. CASINGHEAD

3470'

20. TOTAL DEPTH, MD & TVD

3300'

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

3274'

22. IS MULTIPLE COMPL.
HOW MANY*

SINGLE

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

3300'

CABLE TOOLS

NONE

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

Perf 4 1/2" Casing 2 jet shots @ 2602', 2608', 2624', 2653', 2674', 2686', 2745', 2801',
2810', 2830', 2871', 2892', 2911', 2921', 2936', 2948', 2957', 2976', 3022', 3050', 3059',25. WAS DIRECTIONAL
SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN 3071', 3190', 3198', 3218', and 3234'.

Gamma Ray Acoustic Log, and Mini-Focus Log.

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	15.28	180'	9 7/8"	725 Sx.	NONE
4 1/2"	10.50	3300'	6 3/4"	800 Sx.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE							

31. PERFORATION RECORD (Interval, size and number)

Perf 4 1/2" Casing 2 jet shots at 2602', 2608',
2624', 2653', 2674', 2686', 2745', 2801',
2810', 2830', 2871', 2892', 2911', 2921',
2936', 2948', 2957', 2976', 3022', 3050',
3059', 3071', 3190', 3198', 3218', & 3234'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2602' to 3234'	Acidize with 2000 gals 15% acid & 60 ball sealers. Frac with 15,000 gals brine water & 67,500 lbs. sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
March 1, 1967		Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
March 8, 1967	24	Pump	————→	19	7.5	1	396
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pump	Pump	————→	19	7.5	1	32.0	

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

Flared

TEST WITNESSED BY

W. S. Groves

35. LIST OF ATTACHMENTS

NONE

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

SIGNED

Dan Gillett

TITLE

Assistant District
Superintendent

DATE

March 8, 1967

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

RECEIVED
MAR 9 1967
GEOLOGICAL SURVEY
NEW MEXICO

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 of 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 Content": 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 POIHOIS 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.	NAME	MEAS. DEPTH	TRUE V. MEAS. DEPTH
			Estimate Number 5524		Top of Anhyd	255'	
			All measurements from rotary table or 9' above ground level.		Top of Salt	488'	
					Blm of Salt	1304'	
					Yates	1478'	
					Queen	2577'	
					Grayburg	3094'	
			6 - USGS - Artesia, New Mexico				
			1 - NMOG - Artesia, New Mexico				
			1 - Field				
			1 - File				