

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
LC 029339(b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Artesia Petroleum Co.

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT
Square Lake Pool11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 1, T17S, R30E

12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

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

OCT 9 1980

2. NAME OF OPERATOR

W. H. McKinley

V.O.C.D.

3. ADDRESS OF OPERATOR

P. O. Box 2145 Roswell, NM 88201

ARTESIA, OFFICE

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

At surface 660' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

15. DATE SPUDDED 7/18/80 16. DATE T.D. REACHED 7/25/80 17. DATE COMPL. (Ready to prod.) 8/8/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3750.9 GR 19. ELEV. CASINGHEAD 3752'

20. TOTAL DEPTH, MD & TVD 3150' 21. PLUG, BACK T.D., MD & TVD 3138' 22. IF ANY TYPE COMPL., NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other 23. INTERVALS DRILLED BY Rotary 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.) 3054' - 3060' Premier 25. WAS DIRECTIONAL SURVEY MADE yes26. TYPE ELECTRIC AND OTHER LOGS RUN
G - G - F, CAV27. 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
8 5/8"	23 #	371'	12 1/4"	225 Sx Class "C" Circ.	None
4 1/2"	10.5#	3147'	7 7/8"	300 Sx "C", 1600 Sx H/L	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	3114'	

31. PERFORATION RECORD (Interval, size and number)

2840 - 42 (3)	2960 - 62 (3)
2848 - 54 (7)	2987 - 89 (3)
2898 - 04 (7)	3026 - 30 (5)
2951 - 53 (3)	3054 - 60 (7)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2840 - 3060'	Staged 15% NE acid frac.
2840 - 3060'	Staged Water/Sand Frac.
2840 - 2882'	300 Sx "c" cement squeeze

33.* PRODUCTION

DATE FIRST PRODUCTION 8/18/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 8/18/80 HOURS TESTED 24 hrs. CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BBL. 8.3 GAS—MCF. WATER—BBL. 8.3 GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. 8.3 GAS—MCF. WATER—BBL. 8.3 OIL GRAVITY-API (CORR.)

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

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 [Signature] TITLE Operator

DATE Sept. 26, 1980

*(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
Premier	3020'	3060'	Sand - Oil	Rustler Base of salt Queen Grayburg Premier San Andres	390' 1300' 2348' 2760' 3020' 3060'	