

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUP. TE*

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

IC 064517

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Rain Spring Unit

8. FARM OR LEASE NAME

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Section 24, T22S, R24 E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

19. ELEV. CASINGHEAD

CABLE TOOLS

0-10,768

25. WAS DIRECTIONAL
SURVEY MADE

No

27. WAS WELL CORED

No

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 Plugged

2. NAME OF OPERATOR

James E. Logan

3. ADDRESS OF OPERATOR

510 Midland National Bank Building, Midland, Texas 79704

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

At surface 1980 feet from the south line and 1880 from the east

At top prod. interval reported below line Section 24 T 22 S, R 24 E

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

14-08-0001 87 03 June 25, 1965

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

June 30, 65

Aug. 27, 1965

Aug. 28, 1965

3997 DF

20. TOTAL DEPTH, MD & TVD

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

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

ROTARY TOOLS

CABLE TOOLS

10,768

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

None

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction, Gamma-ray Sonic, Microlog

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	30	17 1/2	20 sax	None
9 5/8	40 & 36	3826	12 1/4	3826 sax	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

RECEIVED

OCT 5 1965

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

WELL STATUS (Producing or shut-in)

Plugged

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS--MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL--MCF.	WATER--MCF.

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

James E. Logan

TITLE

DATE Sept. 30, 1965

*(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
DST No. 1 Cisco lime	8187	8212	Open 1 hour, recovered 5300 feet of sulfur water, IFF 476 FFP 2421# 30" ISIP 3146 30" FSIP 3146 I&FHP 3746#	Carlsbad lime	surface	
DST No. 2 Canyon lime	8665	8772	Open 30 min., recovered 450 feet sul. water cut mud, 6834 feet sulfur water IFF 3332# FFP 3353#, 30" I&FSIP 3394# I&FHP 4077#	No samples surface to 4030		
DST No. 3 Strawn sand	9628	9655	Open 2 hours, recovered 10 feet slightly gas cut mud, I&FFP 602#, 60" ISIP 0# 60" FSIP 602# I&FHP 4684#	Upper Leonard Lower Leonard Wolfcamp shale Wolfcamp sand Cisco lime	above 4030 5600 7385 7500 8050	
DST No. 4 Atoka sand	10345	10400	Open 1 hour, gas to surface 20 min. recovered 120 feet slightly gas cut drilling mud, I&FFP 109#, 60" ISIP 3098# 120" FSIP 2252#, IHP 5137#, FHP 5120#	Strawn lime Atoka sand Upper Morrow sand	9000 10348 10530	
DST No. 5	10455	10578	Open 1 hour recovered 2200' gas in drill pipe, 250' gas cut mud, IFF 186#, FFP 207#, 60" ISIP 248, 60" FSIP 1697	Lower Morrow sand	10737	
The Cisco-Canyon lime was the only porosity encountered and it carried sulfur H ₂ O						