

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R355.5.

RECEIVED

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM - 19423

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kade Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat - Delaware

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

Section 34,
T-25-S, R-26-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐b. TYPE OF COMPLETION: O. C. ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

ARTESIA OFFICE

Sundown Petroleum Ltd.

3. ADDRESS OF OPERATOR

204 Gihls Tower, Midland, Texas 79701

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

660' FNL & 1980' FEL

At total depth

660' FNL & 1980' FEL

14. PERMIT NO.

NA

DATE ISSUED

NA

15. DATE SPURRED

6/18/83

16. DATE T.D. REACHED

7/25/83

17. DATE COMPL. (Ready to prod.)

NA

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

3355 GR, 3357 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2057'

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

Surface

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-2057'

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

Delaware

25. WAS DIRECTIONAL SURVEY MADE

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

NA

27. WAS WELL CORED

NA

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	308	11	175 sxs. Circ 35 sxs.	None
5 1/2	15.50	2057	NA	180 sxs.	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)

1 shot @ 1919', 2 shots @ 1920', 1 shot @ 1949', 1951', 1953', 1955' & 1962'. 2 shots @ 1976' & 1977'.

Sand Drill shots - 1 @ 1864', 1874', 1882', 1949', 55', 62' & 76', 1919' & 1930', 1881', 1870' & 1865'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1864-1922	1250 gals 15% Acid, Frac with 10,000# gals gel wtr + 10,000# Sd.
1864-1884	1000 gals 15% acid.
See page 2	

33.*

PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

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

TITLE

Pogo Producing Company

DATE

8/26/87

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

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, and/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.), formations, 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	TOP TRUE VERT. DEPTH
				Delaware Lime Delaware Sand	1856' 1918'	

Acid, Shot, Fracture, Cement Squeeze, ETC.

1865-1881 1500 gals Acid + Frac with 10,000 gals 20% HCL + N₂.

Cement Squeeze 1949'-2005' with 150 sxs Class C Neat.

Cement Squeeze 1911'-1949' with 150 sxs Class C Neat.

Cement Squeeze 1910'-PBTD with 35 sxs.

Cement Plugs-35' plug at 1840', 100' plug at 700', 65 sxs at surface (circulated).