

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 063623

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kringel Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Sawyer (San Andres)

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

Sec. 31, T-9-S, R-38-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL WELL

☒

GAS WELL

☐

DRY

☐

b. TYPE OF COMPLETION:

NEW WELL

☒

WORK OVER

☐

DEEP-EN

☐

PLUG BACK

☐

DIFF. RESVR.

☐

Other

2. NAME OF OPERATOR

Brazos Petroleum Company

3. ADDRESS OF OPERATOR

P.O. Box 1782 - Midland, Texas 79702 - U.S. GEOLOGICAL SURVEY

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations)

At surface 1980' FSL & 1980' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

9-4-81

15. DATE SPUDDED

9-10-81

16. DATE T.D. REACHED

9-20-81

17. DATE COMPL. (Ready to prod.)

11-1-81

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

3939.1 GR

19. ELEV. CASINGHEAD

3939.1

20. TOTAL DEPTH, MD & TVD

5003'

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

4995'

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

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

4936' - 4979' San Andres

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-N-CCL

27. WAS WELL CORRED

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"	24#	425'	12 1/4"	300 sx CL "C" 1/4# flo. 2% CaCl ₂	None
4 1/2"	10.5#	4999'	7 7/8"	750 sx CL "C" Econ. & 1/4# flo. 300 sx 50:50 POZ. & 1/4# flo.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4986'	None

31. PERFORATION RECORD (Interval, size and number)

4936' - 4979' 17 Holes
.41" (size)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4936 - 4979'	1600 gals 15% MCA 4000 gals 20% CRA

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-1-81		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-28-81	24	--	→	16.5	147	4	8909 - 1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-0-	80#	→	16.5	147	4	26.4 @ 60°	

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

Vented

TEST WITNESSED BY

H. Whitman

35. LIST OF ATTACHMENTS

Logs & Inclination report

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

SIGNED

Candice R. Carr

TITLE

Production Secretary

DATE

12-1-81

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Recent	0	2316	Gravel Sand, Shale	Rustler	2316		
Permian	2316	2384	Anhydrite	Yates	2924		
Permian	2384	2840	Salt anhydrite	San Andres	4306		
Permian	2840	2924	Dolomite, Anhydrite	Pi Zone	4774		
Permian	2924	4306	Shale, Anhydrite	Porosity	4924 -	4968	
Permian	4306	4968	Dolomite, Str Anhydrite	Fluid Zones	Gas - Oil		
							Water

38. GEOLOGIC MARKERS