

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-063623	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Brazos Petroleum Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1782 - Midland, Texas 79702		8. FARM OR LEASE NAME Kringel Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FEL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO. 9-4-81		10. FIELD AND POOL, OR WILDCAT Sawyer (San Andres)	
15. DATE SPEUDED 9-29-81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T-9-S, R-38-E	
16. DATE T.D. REACHED 10-6-81		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 11-22-81		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3934.0 GR		19. ELEV. CASINGHEAD 3934.0	
20. TOTAL DEPTH, MD & TVD 5020'		21. PLUG BACK T.D., MD & TVD 5001'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4911' - 4969' San Andres		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray Neutron		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24#	427'	12 1/4"
4 1/2"	10.5#	5020'	7 7/8"
CEMENTING RECORD			
300 sx "C", 1/4# flo. 2% CaCl ₂ circ. 90 sx to surface			
850 sx "C" 3% Econ., 8# salt/sx 1/4# flo. 300 sx 50:50 POZ. 6# salt/sx			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
N/A			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4992'	None	
31. PERFORATION RECORD (Interval, size and number)			
4911' - 4969' .41" 23 Holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4911-4969		1500 gals 15% MCA	
		4000 gals 20% CRA	
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-23-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 12-21-81	HOURS TESTED 24	CHOKE SIZE —	PROD'N. FOR TEST PERIOD —
FLOW. TUBING PRESS. 0	CASING PRESSURE 0	CALCULATED 24-HOUR RATE —	OIL—BBL. 5
		GAS—MCF. 10	WATER—BBL. 4
		OIL GRAVITY-API (CORR.) 26.4 @ 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY ROGER A. CHAPMAN	
35. LIST OF ATTACHMENTS Logs & Inclination report		DATE 12/28/81	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Candy Carr		U.S. GEOLOGICAL SURVEY TOSWELL, NEW MEXICO	

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Recent	0	2340	Gravel Sand, Red Shale,	Rustler	2316	
Permian	2340	2380	Anhydrite	Yates	2930	
Permian	2380	2930	Salt Anhydrite	Pi Zone	4764	
Permian	2930		Yates	Porosity	4928	
Permian	2930	4308	Red Shale, Anhydrite	Fluid Zones		
Permian	4308	5001	San Andres, Dolomite			Gas-Oil-Water