

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

5. LEASE DESIGNATION AND SERIAL NO.

NM 0659

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco "19" Federal

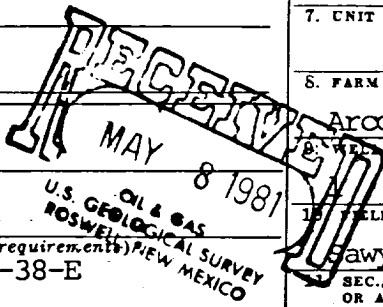
9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Sawyer (San Andres)

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

Sec. 19 T-9-S, R-38-E



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 _____

2. NAME OF OPERATOR

Brazos Petroleum Company

3. ADDRESS OF OPERATOR

708 Petroleum Bldg. - Midland, Texas 79701

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

At surface 1650' FSL & 500' FEL, Sec. 19 T-9-S, R-38-E

At top prod. interval reported below same

At total depth same

14. PERMIT NO. _____ DATE ISSUED 1-9-81

12. COUNTY OR PARISH Lea 13. STATE N. Mexico

15. DATE SPUNDED 1-27-81 16. DATE T.D. REACHED 2-4-81 17. DATE COMPL. (Ready to prod.) 4-25-81 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3961 G.R. 19. ELEV. CASINGHEAD 3961

20. TOTAL DEPTH, MD & TVD 5065' 21. PLUG BACK T.D., MD & TVD 5037' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0 - TD CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4980' 5001' San Andres 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Guard - Forxo GR CCC correlation 27. 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"	24#	417'	11"	250 skClass Cw/2%CaCl2	None
4-1/2"	10.5#	5060'	7-7/8"	225 skClass Cw/50:50poz w/1/4#flocele per sk & 8#salt	None
(Top Stage) 500sk3%Econolite"C" w8#salt&1/4#flocele (Btm.Stage)					

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4840'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4908 - 10	(2)	4969 - 73	(4)
4916 - 25	(9)	4980 - 86	(6)
4935 - 48	(13)	4990 - 5001	(10)
4951 - 57	(6)		
total of 50 holes		4908 - 5001	12,000 gals 20% CRA+80 ball sealant

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-25-81		Pumping 2" x 1-1/2" x 12' RWBC Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-1-81	24	1"	→	4	133	35	33,250
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
25 psi	40 psi	→	4	133	35	28	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY C.G. Pappas

35. LIST OF ATTACHMENTS
Logs and inclination report

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

SIGNED _____ TITLE Production Clerk DATE 5-6-81

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

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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.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				TOP	TRUE VERT. DEPTH
San Andres Porosity Zone	4906	5008	Gas - Oil - Water	Yates SS Pi Marker	2910 4768
San Andres Porosity Zone	5022	5054	Sulfur Water		