

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL. TE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0659

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ 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.\*  
See also space 17 below.)  
At surface

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco '19' Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Sawyer (San Andres)

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

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

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3961' GR

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) X(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

- 2-14-81 W.I.H. w/shifting tool and 2-3/8" 4.7# J55 EUE tbg. to 3004', pressure tested csg. to 2000 psi, opened stage cementing tool @ 3004'; circulated via 4-1/2" csg. 7-7/8" - 8-5/8" csg. annulus, cemented w/500 sx 3% Econolite "C" w/8# salt per sack and 1/4# flocele per sack-cement circulated to surface, circulated an estimated 40 sx., closed stage cementing tool, reverse circulated csg. clean w/fresh wtr., pressure tested csg. to 2000 psi, P.O.H. w/tbg., shut down to let cement cure.
- 2-17-81 W.I.H. open ended w/161 jts. tbg. to 4986', spotted 100 gals. 20% CRA, P.O.H. R.U. Welex ran GR-CCL Correlation log from PBTD 5037'-4500', perforated 1 hpf w/3-1/8" hollow steel carrier csg. gun 4908'-10' (2 holes), 4916'-25' (9 holes), 4935'-48' (13 holes) 4951'-57' (6 holes) 4969'-73' (4 holes), 4980'-86' (6 holes) and 4990'-5001' (10 holes) a total of 50 holes. W.I.H. w/4-1/2" RTTS packer, SN, and 156 jts. 2-3/8" 4.7# J55 EUE tbg., set packer w/14,000# compression @ 4840'; Halliburton displaced acid w/2% KCl wtr. @ 1/2 BPM @ 1000 psi, well on vacuum in 2 min. Will acidize this A.M.
- 2-18-81 See attached sheet

18. I hereby certify that the foregoing is true and correct

SIGNED

Peter W. ChesterTITLE Production ClerkDATE 2-18-81

(This space for Federal approval only)

APPROVED BY  
CONDITIONS OFACCEPTED FOR RECORD  
PETER W. CHESTER

TITLE

DATE

FEB 24 1981

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

See Instructions on Reverse Side

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Arco '19' Federal  
Sundry Report

2-18-81 Acidized with 12,000 gals. 20% CRA, injected 2 ball sealers after each 300 gals. pumped, a total of 80 ball sealers, initial breakdown pressure 1800 psi @ 1/2 BPM pressure gradually decreased to 1100 psi, average injection rate 2.3 BPM at an average of 1200 psi, flushed with 20 bbls. 2% KCl water, ISDP 800 psi, bled pressure, P.O.H. with tbg. & packer, laid RTTS packer down, W.I.H. with:

|  |                  |
|--|------------------|
| 2 jts. 2-3/8" 4.7# EUE J55 tbg.          | 61.93'           |
| 2-3/8" perforated nipple                 | 4.00'            |
| 1 25/32" seating nipple                  | 1.10'            |
| 1 jt. 2-3/8" 4.7# EUE J55 tbg.           | 30.91'           |
| 4-1/2" x 2-3/8" Pengo tbg. anchor        | 2.45'            |
| <u>157 jts. 2-3/8" 4.7# EUE J55 tbg.</u> | <u>4,862.92'</u> |
| 160 jts. tbg.                            | 4,963.31'        |

Seating nipple @ 4902' KB datum, pulled 14,000# tension after setting tbg. anchor, removed B.O.P. flanged and nipples up wellhead, commenced swabbing.