

5-USGS (Farmington) 1-Anderson 1-Beard 1-Swain 1- Houck 1-File

Form 9-331
Dec. 1973

1-John M. Beard

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Bruce Anderson

3. ADDRESS OF OPERATOR
Box 208, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1780' FSL - 1100' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☒ Completion

5. LEASE
NM 053798

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#5

10. FIELD OR WILDCAT NAME
Wildcat PC

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

Sec 30 T31N R13W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

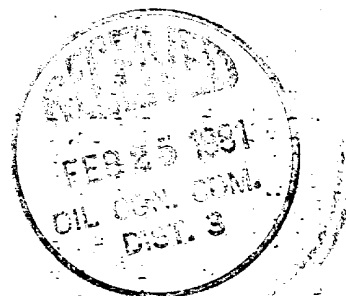
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5649' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

See attached reports for additional perfs, 2-12-81
acid/frac, 2-13 & 2-16-81
tubing, 2-17-81



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Jim L. Jacobs TITLE Agent DATE 2-18-81

ACCEPTED FOR RECORD (This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL FEB 24 1981

BY BL FARMINGTON DISTRICT

NMOCC

*See Instructions on Reverse Side

- 11-8-80 Rig up Western Co., Add 5 gals soap; pump 6 bbls 15% HCL; displace w/ 9.8 bbls water. (Formation broke @ 2500 psi). Swab well down, let set 15 min; fluid level rose 50'. Gassing slightly during and after each swab run.
- 11-9-80 Shut down Sunday
- 11-10-80 Swabbed well down. Fluid level @ 500' from surface, but swabbed down to perms in two runs. Waiting on frac job.
- 11-21-80 Rigged up the Western Co. Shut down due to nightfall.
- 11-22-80 Test lines to 2500 psi. Frac well w/ 70% quality foam. 3000 gal foam pad ahead of 3000 gals of foam w/ 1 ppg 10-20 sand and 6000 gals of foam w/ 2 ppg 10-20 sand. Displaced w/ 300 gals of foam. Ave IR 15 BPM @ 1800 psi. ISDP 1400 psi; 15 min. shut-in 1200. Materials used: 141, 512 SCF N₂, 15,000# 10-20 sand, 25 gals of adafoam, 88 bbls of water HP 204'. Well shut-in.
- 11-24-80 Making foam continuously. Lifting 2 to 3 feet over choke. Foam is salty.
- 2-12-81 Rigged up FWS swabbing unit. Tagged water at ±300'. Swabbed well; making gascut water. Could not swab down. Rig up Southwest Surveys. Set wireline bridge plug (Baker N3 CIBP) at 1545. Perf 1372'-1382' and 1385'-1389'. 14 holes, 1 SPF w/ 2-1/8 bi-wire glass jets. Swabbed well dry. Shut in well.
- 2-13-81 Rigged up FWS swabbing unit and Allied Services. Acidized zone at 1372-1389 w/ 250 gals of 15% inhibited HCL. Dropped 10 balls after 125 gals of acid pumped. Displaced w/ 8.5 bbls of water. No ball action noted. Breakdown pressure 2000 psi. Treating pressure 850 psi at 3 BPM. ISDP 775 psi, 15 min shut-in 650 psi. Swabbing well, making gas and acid water.
- 2-16-81 Rigged up the Western Co. Pressure test lines to 4000 psi. Foam frac Fruitland zones at 1372-1382 and 1385-1389, 14 holes total w/ 70 quality foam. Pumped 5000 gals of 70% quality foam pad ahead of 4000 gals of 70% quality foam w/ 1 ppg of 10-20 sand and 5500 gals of 70% quality foam w/ 2 ppg of 10-20 sand. Displaced w/ 236 gals of 70% quality foam. Aver IR 20 BPM at 2300 psi. Breakdown pressure 2000 psi. Min 2000 psi. Max 2600 psi. Dropped 2 balls after 8000# of sand placed, 50 psi increase when balls hit. Dropped 2 balls after 10,000# of sand placed, 100 psi increase when balls hit. ISDP 1200 psi; 1200 psi, 15 min shut-in pressure.
- Materials used: 112,400 SCF N₂
15,000# 10-20 sand
25 gals of adafoam
95 bbls of water,
338 HHP
4 ball sealers
- Well shut in for 2 hrs; flowed back to atmosphere thru ½" choke.
- 2-17-81 Rigged up FWS swabbing unit. Nippled up Huber wellhead. Ran 43 jts. of 1½" 10R, EUE, 2.4#/ft. V-55 new tubing w/ cross-pin on bottom. T.E. 1392.24' set at 1391 GL. Tagged sand at 1414 GL. Swabbed well 1 time. Well kicked off, flowing gas and misting soapy fresh water. Left well open for clean up.