

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
J. Gregory Merrion *Kimbell Oil Co*
3. ADDRESS OF OPERATOR
P.O. Box 507, Farmington, NM 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 925 FWL & 1720 FNL
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:

- ☒
☒
☒
☐
☐
☐
☐
☐

5. LEASE
SF-079139A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal A
9. WELL NO.
3 E
10. FIELD OR WILDCAT NAME
Basin Dakota
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Section 35, T25N, R6W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6619 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.)*

Perforated, fracked and squeezed as per attached well history.

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

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

SIGNED *J. Gregory Merrion* TITLE Operator DATE July 11, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ACCEPTED
JUL 12 1980

FARMINGTON DISTRICT
BY *9th*

- 06-10-80 Run in 2-3/8" Tbg. and tag 1st stage tool on 82nd jt. Drilled out on 83rd jt. Pressure tested 1st stage to 1500 PSIG, held ok. SDON. (SSD)
- 06-11-80 Round tripped and replaced milling tool. Tagged 2nd stage tool. Milled on 2nd stage rest of the day. SDON. (SSD)
- 06-12-80 Drilled out 2nd stage tool. Tripped to bottom and cleaned out to 6983' K.B. by tally on 225th jt. all in. Rig up Dowell. Swept hole w/ gelled water. Spotted 250 gals. 7-1/2% HCL on bottom; & filled hole w/ 1% KCL water. Tripped out w/ mill & scraper. SDON. (SSD)
- 06-13-80 Finished trip out w/ tools. Rig up Blue Jet. Ran Gamma Ray Correlation log from PBTB of 6978' K.B. to 6700, 6150 - 5700 ft., 4900 - 4400 ft., and 2600 - 2400 ft. Ran Bond log from PBTB 6978' to 6350' ft., 6150 - 5700 ft., 4900 - 4450 ft., 4100 - 3950 ft., 2600 - 2450 ft., 1700 - 1200 ft. Rig down Blue Jet. Rigged up Dowell. Pressure tested casing to 4000 PSIG. Broke @ 3500 PSIG. Pumped in @ 9 BPM & 2300 PSIG. Ran Mod. 'R' packer to find hole. Set packer @ 4844 and pressured to 3900 PSIG on backside; held ok. Moved packer to 4914 ft.; would not hold; communicated. Moved packer to 4945 and pressured on backside to 3500 PSIG; packer started to unset. Hooked up to tubing and pumped in @ 5 BPM @ 2900 PSIG. Ran packer to 89 stands, 5538 ft. K.B.; could not get packer to hold. Moved, still unable to get packer to hold. Tripped out w/ packer. SDON. (SSD)
- 06-14-80 Trip in w/ new mod. 'R' packer. Set @ 112 stands, 6945' K.B. Pressure tested below packer and pumped in @ 2-1/4 BPM @ 1600 PSIG. Pressured behind casing to 3000 PSIG. Held ok, packer started releasing so unable to test to higher pressure. Moved packer to 6970 ft. K.B. and pumped in @ 2-1/4 BPM @ 1600 PSIG, concluded casing leak through float collar. Tripped out w/ mod. 'R' packer. SDOWE. (SSD)
- 06-16-80 Finished trip out w/ mod. 'R' packer. Work on rig to fix air supply. Trip in w/ Smith 3-7/8" rock bit and Baker scraper. Tag float @ 6985' K.B. Drilled out float collar. Fell to shoe. No cement in shoe joint.

- 06-16-80 (con't.)
Drilled out shoe. Circulated hole clean. SDON. (SSD)
- 06-17-80 Tripped out w/ bit. Rig up Blue Jet. Perforated 4 squeeze holes @ 6925 ft. K.B. Ran Baker cement retainer on tubing to 226 jts. in. Set @ 7009' K.B. Rig up Dowell. Pressure Tested tubing to 4000 PSIG, held ok. Established circulation through squeeze holes @ 3 BPM @ 1000 PSIG. Pumped 250 gals. 15% around to clean out open hole annulus. SDON. (SSD)
- 06-18-80 Established good circulation w/ water. Mixed 40 sx Class 'H' cement w/ 1% D-60 Fluid loss additive, slurry volume 8.4 bbls. Displaced to the cement retainer w/ 27 bbls water. Good Circulation. Pulled 6 stands of tbgs. to 6,637 ft. K.B. Reversed casing and tubing clean w/ water. Squeezed perforations to 2400 PSIG. Shut in w/ pressure. SDON. (SSD)
- 06-19-80 Tripped out w/ retainer stinger. Rig up Bit & scraper, ran in, tagged cement @ 6845 ft. K.B. Drilled fairly soft cement all the way to retainer @ 7007' K.B. Rig up Dowell. Swept hole w/ 10 bbl. 30 lb. gel and loaded w/ 1% KCL water. Pressure tested squeeze to 3000 PSIG. Held ok. SDON. (SSD)
- 06-20-80 Tripped out w/ bit & scraper. Ran cement bond log. Showed excellent bond across squeeze interval and poor bond across Dakota. Pressured casing to 1000 PSI and reran bond log. Found intervals of excellent bond through Dakota interval. Pressure tested casing to 3500 PSIG. Held ok. SDON. (SSD)
- 06-21-80 Blue Jet perforated Burro Canyon 6936-54 per density w/ 2 per foot. Fraced Burro Canyon w/ bbls. gel water, 21,000 lbs. 20/40 sand, 1000 lb. polymer coated sand, 1000 gal. diesel; flushed w/ 110 bbls. KCL water. Rate - 15 BPM. ISDP - 2300 PSIG. Set bridge plug @ 6923' K.B. Dumped 5 gal sand perforated 3 .40"holes @ 6915, 6873, 6825. Left decentralizing sub in hole. Preparing to fish. (SSD)
- 06-23-80 Ran overshot on tbgs. and circulated down on fish. Trip out w/fish. Broke down 1st holes. Only one perf. open. Perforated remaining holes @ 6913, 6911, 6871, 6869, 6867, 6865, 6863, 6860, 6857, 6854, 6823, 6821, 6819. Broke down w/ 250 gals. 15% acid. Est. 8 holes open. Did ball off w/ 250 gals. 15% acid. Est. 10 holes open. Pump in to establish rate. Stabilized @ 20 BPM @ 3500 PSIG. Est. 12 holes open. Rig up mod. 'R' packer and ran part way in hole. SDON (SSD)
- 06-24-80 200 PSIG SIP. Blew down, trip in, set packer @ 6900 ft. K.B. Pressured up on tbgs. Established communication @ 1400 PSIG, 4 BPM. Released packer and spotted 500 gals. 15% across perfs. Pulled packer to 6757' K.B. and set. Pressured backside to 2000 PSIG, held ok. Reset packer @ 6890, communicated. Reset packer to 6843' K.B., communicated @ 600 PSIG, 3 BPM. Tripped out. Fraced Dakota w/ 1524 bbls. water, 88,330 lbs. 20/40 sand, 98 gal. M38N, 2460# T-345, 500 gal. 15% HCL, w/ 1/4 gal./1000 bactericide. Avg. rate 25-1/2 BPM. Avg. pressure 3500 PSIG. ISDP 2600 PSIG in 10 min. 1750 PSIG. Shut in. (SSD)

- 06-25-80 SIP 150 PSIG. Blew down. Trip in w/ retrieving head, fished bridge plug. Tripped out. Trip in w/ expendable check, seating nipple, tubing. Tagged sand @ 6945 ft. K.B. Cleaned out to retainer @ 7007' K.B. Picked up to 6827' K.B. and landed 220 jts. tubing in the hole. Pumped out expendable check and shut in casing. Left tubing open. (SSD)
- 06-26-80 Well dead. Casing pressure 900 psi. Swabbed 5 times and kicked well off with 1600 psi casing pressure. (JGM)