

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 & Robert L. Bayless

3. ADDRESS OF OPERATOR

P. O. Box 1541, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 790 FSL & 1850 FEL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

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

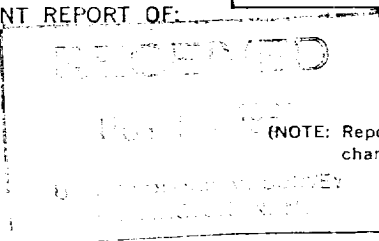
REQUEST FOR APPROVAL TO:

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

(other) Completion

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐



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

5. LEASE
Contract #360

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bonanza

9. WELL NO.
6

10. FIELD OR WILDCAT NAME
Chacon Dakota Assoc.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T22N, R3W

12. COUNTY OR PARISH
Sandoval

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

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



OCT 24 1981
BY [Signature]

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

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

SIGNED _____ TITLE Engineer DATE 10/20/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

NMOCC

MERRION & BAYLESS

BONANZA #6 DAILY REPORT

- 09-09-81 Moved in and rigged up Bayless rig #5.
- 09-10-81 Spud 12-1/4" hole to 241 ft. Plug down @5:00 A.M. Ran 231.06' of 8-5/8" surface casing and cemented with 170 sacks of class 'B' 2% CACL₂. Circulated cement. WOC (CCM)
- 09-11-81 Drilling @1786. Tripping for bit #3. (SSD)
- 09-12-81 Drilling @2967', Vis. 36, Weight 9.0, Water loss 6.
- 09-13-81 Drilling @3935', Vis. 36, Weight 9.0, Water loss 4.4.
- 09-14-81 Tripping @4654', Vis. 38, Weight 9.1, Water loss 4.6.
- 09-15-81 Drilling @4865', Vis. 45, Weight 9.0, Water loss 6.4.
- 09-16-81 Drilling @5520', Vis. 40, Weight 9.0, Water loss 5.8.
- 09-17-81 Drilling @6144', Vis. 39, Weight 9.0, Water loss 5.
- 09-18-81 Circulating @6535 after bit trip.
- 09-19-81 Drilling @6925'. (SSD)
- 09-20-81 TD @ 7100'. Conditioned hole, tripped out for logs. Rig up Schlumberger Ran IES Induction Log. Running Density-Neutron log. (SSD)
- 09-21-81 Finished logging, rig down loggers. Lay down drill pipe. Ran 175 joints of 4-1/2" production casing as follows:
- | ITEM | LENGTH | DEPTH (to bottom of) |
|--------------------------------|----------|----------------------|
| Shoe | 1.00' | 7102.49' KB |
| Shoe jt. 4-1/2" 11.6lb/ft N-80 | 41.16' | 7101.49' KB |
| Float collar | 1.60' | 7060.44' KB |
| 10 jts 4-1/2" 11.6 lb/ft N-80 | 415.34' | 7058.73' KB |
| 43 jts 4-1/2" 10.5 lb/ft K-55 | 1728.81' | 6643.39' KB |
| 1st stage tool | 1.68' | 4914.58' KB |
| 54 jts 4-1/2" 10.5 lb/ft K-55 | 2177.66' | 4912.90' KB |
| 2nd stage tool | 1.68' | 2735.24' KB |
| 67 jts 4-1/2" 10.5 lb/ft K-55 | 2733.56' | 2733.56' KB |
- Rigged up Dowell. Cemented 1st stage with 495 sx class 'H' with 2% gel. Good circulation throughout. Opened stage tool @4915' and circulated 3 hours. (SSD)
- 09-22-81 Cemented 2nd stage with 165 sx class 'B' with 2% gel, 1/2 cuft perlite/sx tail in with 50 sx class 'B' neat cement. Good circulation throughout. Opened top stage tool and circulated 2-1/2 hours. Cemented 3rd stage with 70 sx class 'B' with 2% gel, 1/2 cuft/sx perlite. Good circulation. Plug down 12:30 P.M. Rigging down. WOCT (SSD)
- 09-23-81 Wilson Service Company ran temperature survey on 9-21-81. Found top of cement @1100 ft. PBTD @2723' K.B. (SSD)



MEARION & BAYLESS

BONANZA #6
 Sec. 12, T22N, R3W
 Sandoval Co., New Mexico 87401

DAILY REPORT



- 10-07-81 Move in, Rig up Bayless Rig 3
- 10-08-81 Trip in to 1st stage tool while drilling. Pump broke down. Shut down over night for pump repairs.
- 10-09-81 Work on rig pump until 3:30 P.M. Finished drilling out 1st stage tool. SDON.
- 10-10-81 Finished drilling out stage tools and cleaned out to 7059' KB. Rigged up Western Co. Pressure tested casing to 4300 PSI for 10 Min. OK. Mixed 1000 Gal gelled water and swept hole clean. Picked up bit to 6950' KB and spotted 250 gals 15% HCL on bottom. Tripped out w/tubing and bit.
- 10-11-81 Rig up Blue Jet and Western Co. Ran Gamma Ray Correlation Log from 7056' KB PBTD to 5600' KB. Perforated upper Dakota from 6921' - 29' w/2 PF 3-1/8" Casing Gun, Total 16 holes. Started pad, unable to get adequate rate. Pumped 300 Gals 15% HCL away still unable to obtain adequate rate. Shut-down. Perforated 6920' - 29' w/2 PF 3-1/8" casing gun, additional 18 holes. Speerheaded 500 gals 15% HCL and fraced w/50,736 gals slick water, w/1/4 gal/1000 X-CIDE, 15 lb/1000 gal Aquaseal, 1 gal/1000 Claymaster III. 14,000 lbs 40/60 sand, 16,000 lb 20/40 sand. Avg. Injection rate 30 BPM, Avg. Pressure 3100 PSI. ISDP = 1850 PSIG. Down to 1650 PSIG in 10 minutes. Total load = 1,318 bbl. Shut-in.
- 10-12-81 Shut in pressure 475 PSIG. Flowed back frac water to reserve pit. Trip in w/tubing to 6720' KB. Well came in half way in hole. Started making part oil w/100 bbls in reserve pit. Hooked up to frac tank. Two tanks manifolded together had 62-1/4 bbl water at start of flow. Made 181-3/4 bbl overnight total fluid (244 bbl in tanks). Well logged off during night. Estimated rate when flowing 40 BOPH 30% oil. (SSD)
- 10-13-81 Casing pressure 700 PSIG. Drained off water, found oil produced to 8:00 AM was 54-1/2 bbl. Made swab run, fluid level 400 ft. from surf. Pulled from 1500', well kicked off flowing @ 9:00 AM. Fluid 20% oil - gas 200-300 MCF/D. Flowed until 10:30 when logged off. Oil cut increased to 90% w/60% of it emulsified. Casing pressure 430 PSIG. Made total 133 bbl in 1-1/2 hrs. or rate of 88 BPH. Made three swab runs w/fluid level dropping from 1000' to 3000' before kicked off. Flowing. Flowed 15 min and died off. Gas behind swab 500 - 750 MCF/D dieing to 50 MCF/day. 100% oil on flow. Made 3 swab runs. Well kicked off again, flowed 15 minutes in slugs. Died off. killed well and tripped out. SDON. (SSD)

MERRION & BAYLESS

BONANZA # 6
Sec. 12, T2-N, R3W
Sandoval Co., New Mexico 87401



- 10-14-81 SIP - 300 PSIG. Bled off. Rig up Blue Jet and Western Co. Set Halliburton Drillable bridge plug at 6900' KB. Pressure tested to 4300 PSIG - ok for 10 minutes. Trip in hole w/tbg to 6880' KB. Loaded hole w/gelled oil and spotted 500 gal 15% HCL. Trip out w/tubing. Perforated Graneros from 6857-66' and 6820 - 40' per induction log w/2 PF 3-1/8" casing guns. Well started coming in naturally. Fraced Graneros w/90,349 gals maxi-0-74 gelled oil w/25#/1000 Gal aquaseal and 20#/1000 gals J-278 breaker w/89,000 lbs 20/40 sand. Avg. rate 35 BPM, avg. pressure 2900 PSIG. ISDP - 2400 PSIG down to 2250 in 10 minutes. Load to recover 2,259 bbls. Shut-in for gel to break.
- 10/15/81 SIP - 1600 PSIG. Started flowing @ 9:00 AM. Well made 208 bbls oil, 180 MCF/D gas @ 11:00 AM. By 1:00 PM made additional 135 bbls w/gas increasing. Flowrate @ 1:00 PM was 32 bbls/hr or 768 BPD, estimated 300 MCF/day gas. Shut-in @ 5:00 PM. Final production for 8 hrs. 10'9". (SSD)
- 10/16/81 SIP 1000 PSIG. Flowed to two tanks all day. Unable to blow down below 40 PSIG. Well making fluid @ the rate of 188 bbl/hr at the end of the day. getting stronger. Shut in.
- 10/17/81 SIP - 800 PSIG. Left shut in all day. Permian did crude analysis for sales. Load recovered to this point was 1289.45 bbls w/440 bbls sold to Permian.
- 10/18/81 Turned on well. SIP 800 PSIG @ 10:18 AM. Fluid reached surface in 2 minutes. Flowed on 25/64" choke overnight.
- 10/19/81 Total fluid 1827. Well was flowing through casing. Pumped water to kill well. Ran open mud anchor, seating nipple and 222 jts. of 2-3/8" EUE tubing. Buttoned up in the wellhead @ 6820.28. bottom of mud anchor. Pumped out plug and swabbed the tubing in. Left it flowing overnight. SDON.
- 10/20/81 Well flowed 288 bbls of oil overnight. 15 hrs. RDMO.