

UNITED STATES

SUBMIT IN DUPLICATE

FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

Robert L. Bayless, Producer LLC

3. ADDRESS AND TELEPHONE NO.

P.O. Box 168 Farmington, NM 87499-168 (505) 326-2658

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

At surface

1775 FNL & 1145 FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

6/29/1999

16. DATE T.D. REACHED

7/5/99

17. DATE COMPL. (Ready to prod.)

10/2/1999

18. ELEVATIONS (DF, RKB, RT, FE, ETC.) *

5639 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH MD & TVD

1840 Ft

21. PLUG, BACK T.D., MD & TVD

1773 Ft

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *

1606 - 1616 Pictured Cliffs

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - GR - Density

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE / GRADE	WEIGHT, LB. / FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
7"	23 #/Ft	231 Ft	8 3/4"	125 sx (148 ft3) Class B W/3% CaCl, Cement Circulated	
4 1/2"	10.5 #/Ft	1819 Ft	6 1/4"	100 sx (206 ft3) Class B W/2% Econolite, tailed with 90 sx (106 ft3) Class B, Cement Circulated	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	1615 Ft	None

31. PERFORATION RECORD (Interval, size and number)

1606 - 1616 with 40 - .34" diameter holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1606 - 1616	500 gal 7 1/2% HCl acid
	26,500 gal 70 quality foam, 80,000 Lbs 20/40 sand

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
10/2/1999		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10/2/1999	3 Hrs.	3/4"			No flow		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 - HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
0 psi	185 psi			No flow			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-in waiting on gas connection

TEST WITNESSED BY

David Ball

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Petroleum Engineer

DATE

10/11/99 1999

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or

ACCEPTED FOR RECORD
FARMINGTON FIELD OFFICE
BY

37. SUMMARY OF POROUS ZONES: (Show all important zones or 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	surface	1284	Sandstone, siltstone, shale	Kirtland	surface	surface
Fruitland	1284	1606	Sandstone, siltstone, shale Coal, natural gas & water	Fruitland	1284	1284
Pictured Cliffs	1606	TD	Sandstone, natural gas & water	Pictured Cliffs	1606	1606

ROBERT L. BAYLESS
TIGER #12
1775 FNL & 1145 FEL (SENE)
SECTION 27, T30N, R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

9-30-99 Rigged up Dowell. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet Wireline services. Ran GR-CLL from 1773 ft RKB (corrected PBTD) to 1200 ft. Perforated the Pictured Cliffs interval with 3 1/8" casing gun at 4 JSPF as follows:

1606 - 1616 ft 10 ft 40 holes .34" diameter

Broke down perforations at 2100 psi. Established an injection rate of 3.8 BPM @ 1130 psi, ISIP = 450 psi (FG = 0.71). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 60 1.1 sg RCN ball sealers at 4.0 BPM @ 750 psi. Saw some ball action, obtained balloff to 3000 psi. Surged balls off perforations. Established injection rate again of 3.1 BPM @ 730 psi, 450 psi ISIP (FG = 0.71). Ran junk basket in hole on wireline and recovered 59 ball sealers. Fracture stimulated the Pictured Cliffs formation with 26,500 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 80,000 lbs of 20-40 mesh Arizona sand as follows:

4,000 gals of 70 qual foam pad	15 BPM @ 800 psi
5,000 gals of 70 qual foam with 0-2 ppg 20-40 sand	15 BPM @ 1200 psi
17,500 gals of 70 qual foam with 4 ppg 20-40 sand	15 BPM @ 1200 psi
1,000 gals of 70 qual foam flush	15 BPM @ 1200 psi

ISIP = 1100 psi decreasing to 1050 psi after 15 minutes. All water contained 2% KCL, 1/2 gal/1000 clay stabilization agent, and bactericide. Sand contained multiple radioactive tracer material as follows: 3 mc Sb-124 in 0-2 ppg sand stage, 15 mc Ir-192 in first half of 4 ppg sand stage, and 11 mc Sc-46 in second half of 4 ppg sand stage. Average rate 15 BPM, average pressure 1200 psi, maximum pressure 1250 psi, minimum pressure 800 psi, average nitrogen rate 3,500 scfm, total nitrogen pumped 178,500 scf. Total fluid to recover 367 bbls. Shut well in for 3 hours. Blow well back to a flowback tank through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

10-1-99 Well flowed foamy water with a small amount of sand and was still flowing after 16 hours of flow after frac. Recovered approximately 135 barrels of water in flowback tank. Move in and rig up JC Well Service completion rig. Nipple up wellhead and BOP. Pick up 2 3/8" tubing in hole. Tag sand fill at 1611 ft RKB (in perforations). Circulated 83 ft of fill to 1694 ft (78 ft of rathole). Moved tubing up hole and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	3.00	0-3
2 2 3/8" subs	12.00	3-15
50 jts of 2 3/8" 4.7#/ft J55		
EUE yellow band tubing	1565.98	15-1581
1 seating nipple	1.10	1581-1582
1 jt of 2 3/8" tubing	<u>33.10</u>	1582-1615
	1615.18	

Nipple down BOP and nipple up wellhead. Rigged to swab. Made 25 swab runs. Shut down for the night.

10-2-99 Made 20 swab runs, building annulus pressure to 50 psi. Kicked well off flowing to pit. Well flowing to pit to cleanup. Released rig, job complete. End of report.