

Submit 3 Copies

to Appropriate

District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103

Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO. 30-045-29075
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name JUHAN
8. Well No. #1
9. Pool name or Wildcat BASIN FRUITLAND COAL

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>
2. Name of Operator ROBERT L. BAYLESS, PRODUCER LLC
3. Address of Operator P.O. BOX 168 FARMINGTON, NM 87499
4. Well Location Unit Letter <u>G</u> : <u>1650</u> Feet from the <u>NORTH</u> Line and <u>1800</u> Feet from The <u>EAST</u> Line Section <u>29</u> Township <u>30N</u> Range <u>12W</u> NMPM <u>SAN JUAN</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5543 GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: RECOMPLETION <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SEE ATTACHED REPORT

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE \_\_\_\_\_ TITLE ENGINEER DATE 4/22/99  
TYPE OR PRINT NAME Kevin McCord TELEPHONE NO. (505) 327-2659

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUL - 8 1999

CONDITIONS OF APPROVAL, IF ANY:

**ROBERT L. BAYLESS**  
JUHAN #1  
1650 FNL & 1800 FEL (SWNE)  
SECTION 29, T30N, R12W  
SAN JUAN COUNTY, NEW MEXICO

**RECOMPLETION REPORT**

- 4-17-99 Move in and rig up JC Well Service completion rig. Blow down and kill well. Nipple down wellhead and nipple up BOP. Add tubing to tubing string and tag fill at 1732 ft RKB (71 ft of rathole below bottom Pictured Cliffs perforation). Trip tubing out of hole. Shut down for the weekend.
- 4-18-99 Shut down for the weekend.
- 4-19-99 Rigged up Blue Jet wireline services. Set retrievable bridgeplug by wireline at 1648 ft RKB (2 ft above top Pictured Cliffs perforation). Dropped sand on top of bridgeplug. Rigged up Dowell pump truck. Pressure tested bridgeplug and casing to 3000 psi, held OK. Perforated Fruitland Coal interval with 3 1/8" casing gun at 4 JSPF as follows:

1604 - 1608 ft	4 ft	16 holes	
<u>1612 - 1637 ft</u>	<u>25 ft</u>	<u>100 holes</u>	
Total	29 ft	116 holes	.34" diameter

Broke down perforations at 650 psi. Established an injection rate of 4.7 BPM @ 440 psi, ISIP = 250 psi (FG = 0.59). Acidized the Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 174 1.1 sg RCN ball sealers. Acid rate was 5.0 BPM @ 600 psi. Balled off casing to 3000 psi. Surged balls off casing. Final injection rate was 4.0 BPM @ 800 psi, ISIP = 450 psi (FG = 0.71), bleeding to zero, then on a vacuum in 3 minutes. Ran junk basket in hole on wireline and recovered 168 ball sealers. Frac crew not available, so shut down for the night.

- 4-20-99 Rigged up Dowell. Fracture stimulated the Fruitland Coal interval down the casing with 29,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 90,000 lbs of 20-40 mesh Arizona sand as follows:

5,000 gals of 70 qual foam pad	15 BPM @ 2500 psi
5,000 gals of 70 qual foam with 2 ppg 20-40 sand	15 BPM @ 1800 psi
15,000 gals of 70 qual foam with 4 ppg 20-40 sand	15 BPM @ 1600 psi
4,000 gals of 70 qual foam with 5 ppg 20-40 sand	15 BPM @ 1450 psi
1,000 gals of 70 qual foam flush	15 BPM @ 1450 psi

ISIP = 1150 psi decreasing to 1025 psi after 5 minutes. All water contained 2% KCL, ½ gal/1000 clay stabilization agent, and bactericide. Sand contained multiple radioactive tracer material as follows: 4 mc Sc-46 in 2 ppg sand stage, 26 mc Ir-192 in 4 ppg sand stage, 7 mc Sb-124 in 5 ppg sand stage. Average rate 15 BPM, average pressure 1750 psi, maximum pressure 2600 psi, minimum pressure 1400 psi, average nitrogen rate 5100 scfm, total nitrogen pumped 272,400 scf, total fluid to recover 220 bbls. Blow well back to a flowback tank immediately after frac through a 1/4" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

- 4-21-99 Well flowed foamy water with sand overnight and was still flowing this morning. Recovered approximately 120 barrels of water in flowback tank. Killed well. Trip in the hole with retrieving head on tubing. Well came in flowing 3 times while tripping in hole. Tag sand fill at 1620 ft RKB (17 ft above bottom Fruitland Coal perforation and 28 ft above bridgeplug). Started pumping water for circulation and well came in flowing again. Cleaned out 28 ft of sand fill and recovered bridgeplug at 1648 ft RKB, using circulating water and flow from well. Trip tubing and bridgeplug out of hole. Trip in hole with tubing and tagged sand fill again at 1732 ft RKB (71 ft below Pictured Cliffs perforations). 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
54 jts of 2 3/8" 4.7#/ft J55 EUE used tubing	1638.11	3-1641
1 seating nipple	0.75	1641-1642
1 jt of used tubing	29.81	1642-1671
1 sawtooth collar	0.50	1671-1672
	1672.17	

Nipple down BOP and nipple up wellhead. Well started flowing. Left well flowing to production tank. Shut down for the night.

- 4-22-99 Well had died overnight. Rigged to swab. Made 5 swab runs and well kicked off flowing. Rigged down and released rig. Well is flowing to frac tank to clean up. End of report.