

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 Fulcher Kutz PC
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5543 GL

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	2. Name of Operator Robert L. Bayless
3. Address of Operator P O Box 168 Farmington, NM 87499	4. Well Location Unit Letter G 1650 Feet From The North Line and 1800 Feet From The East Line Section 29 Township 30N Range 12W NMPM San Juan 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: Frac <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 Daily Report.

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

SIGNATURE Price M. Bayless TITLE Petroleum Engineer DATE 2-23-95
TYPE OR PRINT NAME: Price M. Bayless TELEPHONE NO. 505-3262659

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT #3 DATE FEB 24 1995
CONDITIONS OF APPROVAL, IF ANY

ROBERT L. BAYLESS
Juhan #1
1650 FNL & 1800 FEL
Section 29-T30N-R12W
San Juan County, New Mexico

DRILLING REPORT

- 1/31/95 Moved L&B Speedrill on location and rig up. Spud surface hole at 11:30 am, 1/30/95. Drill 8 3/4" hole to 135 ft, circulate and condition hole. Drop survey tool and trip out of hole. Deviation 1/4 at 135 ft. Rig up and run 4 jts (131.01 ft) of 7" 23.0# J-55 ST&C casing. Set casing at 132 ft, rig up Cementers Inc to cement. Cement casing with 50 sx Class B w/ 2% CaCl, displace with 4 bbls water after cement to surface. Good returns throughout job with 4 bbls circulated to surface. Plug down at 5:45 pm, 1/30/95. Wait on cement and nipple up.
- 2/1/95 Nipple up and test BOPT to 600 psi for 30 minutes, held OK. Trip in and tag cement at 30 ft. Drill out cement and start on open hole at 10:00 am. Drill to 600 ft with water. Pull off bottom and drain pumps. Shut down overnight.
- 2/2/95 Drill ahead to 650 ft. Circulate and condition hole. Drop survey tool and trip for Bit #3. Deviation 1/4 at 650 ft. Continue drilling to 1150 ft. Pull off bottom and drain pumps. Shut down overnight.
- 2/3/95 Continue drilling to 1640 feet with Bit #3. Pull off bottom and drain pumps. Shut down overnight.
- 2/4/95 Drill to 1800 feet, TD at 11:30 am, 2/3/95. Condition hole for logs. Drop survey tool and trip out of hole. Rig up Halliburton Logging Services and log well. Loggers TD at 1810 ft. Rig down and shut down overnight.
- 2/5/95 Spot casing on location. Rig up San Juan Casing to run pipe. Run 42 joints of 4.5" 10.5# J-55 new casing as follows:

KB to landing point	4.00 ft	0-4 ft
41 jts casing	1759.07 ft	4-1763 ft
Insert Float	0.00 ft	1763-1763 ft
Shoe Joint	42.85 ft	1763-1806 ft
Guide Shoe	<u>0.70 ft</u>	1806-1807 ft
	1806.62 ft	

2/5/95(cont)

Rig down San Juan Casing and rig up Western Company to cement casing. Pump 10 bbls of fresh water ahead, then cement as follows:

Lead	10 sx	11.8 CF	Class B neat cement
Tail	110 sx	226.6 CF	Class B w/ 2% Econolite
2nd Tail	<u>100 sx</u>	<u>126.0 CF</u>	50/50 Poz 2% Gel 10% Salt
	220 sx	364.4 CF	

Good returns throughout job. Average pumping pressure at 350 psi. Bump plug to 700 psi, circulate 19 bbls good cement to pit. Plug down at 2:00 pm, 2/4/95. Release rig and wait on completion.

ROBERT L. BAYLESS
 Juhan #1
 1650 FNL & 1800 FEL
 Section 29-T30N-R12W
 San Juan County, New Mexico

2/14/95

Set anchors with Mote. Move in and rig up Aztec #391, spot in all equipment. Tally 2 3/8" tubing and trip in hole with 3 7/8" bit. Tag cement at 1762 ft. Rig up Western Company and circulate hole with 2% KCL water. Pressure test casing to 3500 psi for 15 minutes, held OK. Move tubing to 1661 ft. Spot 250 gallons 7.5% HCL acid. Trip out of hole. Rig up Blue Jet and run GR/CCL log from PBTD to 1200 feet. Perforate the Pictured Cliffs formation with 3 1/8" casing gun using .34" diameter shots as follows:

1650 to 1661 ft	11 ft	22 holes
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Rig up Western Company to break down perfs. Pump 3.2 BPM at 1800 psi, breaking back to 5.6 BPM at 600 psi. Pump 250 gallons 7.5% HCL acid with 33 ball sealers. Displace with water. Increase rate to 5.6 BPM at 500 psi. Ball off to 300 psi with little individual ball action. Try to surge balls off, cannot pump into formation. Run wireline junk basket, recover 7 ball sealers. Pump into perfs at 6.2 BPM with 450 psi. Shut down, ISIP=200 psi. Shut well in overnight.

2/15/95

Rig up Western Company to fracture stimulate the Pictured Cliffs formation with 24900 gallons of 70 quality foam containing 44000 lbs of 12/20 sand at 25 BPM injection rate as follows:

Pad	7000 gal	0 PPG	0 lbs	1200 psi
Stage 1	3000 gal	1 PPG	3000 lbs	1100 psi
Stage 2	5000 gal	2 PPG	10000 lbs	800 psi
Stage 3	5000 gal	3 PPG	15000 lbs	875 psi
Stage 4	4000 gal	4 PPG	16000 lbs	950 psi
Flush	<u>900 gal</u>			<u>940 psi</u>
	24900 gal		44000 lbs	1000 psi avg

Shut well in, ISDP=950 psi. Leave well shut in for 4 hours. Casing pressure at 525 psi after 4 hours. Open well to blowback tank, clean up after frac. Well flowed to tank with decreasing pressure, 25 psi at 6:00 pm, then died at 9:00 pm. Well continued to head during night.

2/16/95

Tubing and casing both dead. Trip in hole with saw tooth collar and tag sand at 1540 ft. Rig up pump and circulate hole. Wash down to 1620 ft, lose all returns. Trip out and

pick up sand bailer. Trip in hole and clean out sand to 1710 ft, bailer quit working. Trip out of hole, bailer backed off at pump. Trip in hole and screw back into bailer, trip out of hole. Clean tubing and lay down bailer. Pick up new bailer and trip in hole. Clean out sand to 1762 ft, trip out of hole. Clean out tubing and lay down bailer. Trip in hole with tubing and seating nipple one joint off bottom. Tag sand at 1761 ft. Lay down 3 joints of tubing and land in BOP with 55 joints of tubing. End of tubing at 1665 ft. Drop standing valve and pressure test tubing to 1000 psi, held OK. Rig up to swab and make one run. Pick up sand line overshot and retrieve standing valve. Make one swab run. Rig up flow back to tank, tubing and casing still dead. Shut down overnight and leave drywatchman on location.

2/17/95

Tubing and casing both dead. Rig up and make 27 swab runs, recovering 55 bbls of water. Tubing still dead, casing pressure built to 122 psi. Rig down swab equipment and land 2 3/8" 4.7 #/ft, J-55 EUE tubing as follows:

KB to landing point	3.00 ft	0-3 ft
54 jts of tubing	1638.11 ft	3-1641 ft
Seating nipple	0.75 ft	1641-1642 ft
1 jt of tubing	29.81 ft	1642-1671 ft
Sawtooth collar	<u>0.50 ft</u>	1671-1672 ft
	1672.17 ft	

Casing pressure dropped to 15 psi while open to land tubing. Make up wellhead and rig up to swab tubing. Pump water out of pit to tank and rig down equipment. Drywatch well overnight.

2/18/95

Tubing dead, 85 psi on casing. Rig up and make 5 swab runs. Fluid level at 1575 ft. Recover 5 bbls of fluid, casing pressure climbing at 92 psi. Rig down swab, will clean up with compressor. Rig down rig and move off. Wait on pipeline connection.