

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO. Jicarilla Cont. 456
2. NAME OF OPERATOR Robert L. Bayless		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' FSL & 1850 FWL		8. FARM OR LEASE NAME Jicarilla 456
14. PERMIT NO.		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7286' GL; 7299' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 11, T30N, R3W
		12. COUNTY OR PARISH Rio Arriba
		13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Swabbing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 daily reports.

RECEIVED

APR 02 1987

OIL CON. DIV.
DIST. #

ACCEPTED FOR RECORD

APR 01 1987

FARMINGTON RESOURCE AREA

BY E. G. 3

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

SIGNED

TITLE

Agent

DATE

3/26/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMCC

ROBERT L. BAYLESS

PETROLEUM PLAZA BUILDING
P. O. BOX 168
FARMINGTON, NEW MEXICO 87499
(505) 326-2659

DAILY REPORT

JICARILLA 456 #1
Sec. 11, T30N, R3W
790' FSL & 1850' FWL
Rio Arriba County, New Mexico

- 02/04/87 Spud well at 1:45 pm 02/03/87 - drill 145 ft of 9 7/8" surface hole
- ran 3 jts of 7 5/8" 26.4#/ft S-95 used casing (128.87) set at 141
ft RKB - cemented surface casing with 60sx (71 ft) of class "B" cement
with 3% CaCl - good circulation throughout job - circulated cement
to surface - plug down at 6:30 pm 02/03/87 - WOC 8 hours - drilling
6 3/4" hole.
Daily \$9,959 Cum \$9,959
- 02/05/87 Drilling at 1712' depth today.
Daily \$7,538 Cum \$17,497
- 02/06/87 Drilling at 2595' depth today.
Daily \$7,047 Cum \$24,544
- 02/07/87 Drilling at 3173' depth today.
Daily \$6,594 Cum \$31,138
- 02/08/87 Drilling at 3726' depth today.
Daily \$5,748 Cum \$36,886
- , 02/09/87 T. D. well at 4050' RKB at 9:45 pm 02/08/87 - circulate for 1/2 hour
- short trip 18 stands - circulate for 1 1/2 hours - trip out of hole
- rigged up Welex - ran IEL, CNL, FDC, logs from ID of 4052 ft RKB
- TIH with drillings to lay down.

02/09/87 T1H - lay down drillings and collars - run 4 1/2" casing as follows:
Cont.

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	12.00	0-12
87 jts 4 1/2" 11.6#/ft J-55 new casing (JAP MKK)	3656.38	12-3668
1 - DV tool	2.50	3668-3671
7 jts 4 1/2" 11.6#/ft J-55 new casing (JAP MKK)	295.30	3671-3966
1 - DFFC	1.80	3966-3968
1 jt 4 1/2" 11.6#/ft J-55 new casing (JAP MKK)	41.19	3968-4009
1 - cement filled guide shoe	.80	4009-4010
	<u>4009.97</u>	

Cement baskets @ 3627, and 3676 Centralizers @ 3712, and 3627

Rigged up Dowell - pumped 1st stage plug with mud - plug pumped through DFFC wrong plug - circulate and wait on correct plug - pump plug with mud - bump plug in DFFC at 1500 psi - held OK - dropped bomb to open D.V. tool - opened tool at 1300 psi - cemented longlasting with 110 sacks (139 ft) of 50/50 pozmix with 2% gel, 10% salt, and 1/4 lb. flocele/sx - good circulation throughout job - bumped plug to 2700 psi - plug down at 7:30 p.m. 02/09/87 - released rig - ran temperature survey - top of cement @ 2900' - wait on completion.

3/04/87 Move in and rig up Bayless Rig 4. Pick up 3-7/8" bit, casing scraper, and 2-3/8" tubing. Tag cement on top of DV tool @ 3658' RKB. SDFN.

3/05/87 Drill 10 ft. of cement and DV tool @ 3668'. Tripped remaining tubing in hole and tagged DFFC @ 3968' RKB. Tripped tubing, scraper and bit out of hole. Rigged up Basin Perforators and ran junk basked on wireline to check for obstructions. Junk basket only went to 3918' RKB. Ran cast iron bridge plug on wireline to PBTD of 3963' RKB (deeper than junk basket and correlates with casing and tubing tally). Set bridge plug @ 3942' RKB. Pressure tested plug to 3500 psi, held okay. Ran GR-CLL-CBL from 3939' to 2800' RKB. Bottom of cement @ 3668' and top of cement @ 2958'. Tripped tubing in hole to 3746' and swabbed fluid level down to 3000 ft. from surface. Trip tubing out of hole. Perforated Fruitland interval with 3-1/8" casing gun and 4 JSPF as follows:

3694-3711	17'	68 holes
3715-3729	14'	56 holes
	<u>31'</u>	<u>124 holes (.34" diameter)</u>

(Note: fluid level rose 800' after first gun run and before second gun run.)

SDFN.

- 3/06/87 Tripped tubing in hole to 3746' RKB. Rigged up to swab and made 26 swab runs on the day. Well made thicker mud for three swab runs, then started making larger percentage of water (still dirty). Well started gassing after third swab run (burnable gas). Annulus pressure was 380 psi at end of day. Water entry rate into wellbore at end of day was 5.0 bbl/hr. or 120 bbl./day. Shut well in to build pressure. SDFN.
- 3/07/87 Overnight shutin pressures: tubing - 10 psi; annulus - 500 psi. Blew down tubing immediately. Rigged to swab. Initial fluid level at 1800 ft. Made four swab runs and well kicked off flowing. Flowed for 50 minutes and made 5 bbls. of water (made 5 bbls. water in 30 minutes, slugs of gas and water for the last 20 minutes). Made two more swab runs, but well was dry of fluid. Shut well in to build pressure. SDFN.

Rig	1092	Eng	100	Daily	\$1192	Cum	\$78,820
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3-8-87 to 3-20-87 Well shut in - Bad weather conditions

- 3-21-87 Shut in pressures: annulus: 90 psi, tubing trace - blew down tubing - Rigged to swab - swabbed well as follows: (swab report) Made 22 swab runs on the day (fluid entry was very small at this point) - Recovered 46.7 Bbls for day, 144.6 Bbls since perforating, 58 Bbl casing capacity) Swab fluid was gas cut all day, well flowed for 30+ minutes making from 175-100 MCFGPD before it logged off - at end of day - fluid entry into the well was very small - fluid entry into wellbore during the last 2 hours of swabbing was 5 Bbl/hr or 120 Bbl/day - shut in well - SDFN

Rig	1092	Eng	100	Daily	\$1192	Cum	\$80,012
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3-22-87 Shut down - Sunday

- 3-23-87 Shut in pressures: annulus 230 psi, tubing 10 psi - Blew well down. Tripped tubing out of hole - tripped in hole with pumping assembly and landed production tubing as follows:

<u>DESCRIPTION</u>	<u>LENGTH</u>	<u>DEPTH</u>
KB to landing point	10.00	0-10
122 jts of 2 3/8" f.7#/ft N-80		
EUE used tubing	3739.66	10-3750
1 seating nipple	1.10	3750-3751
1 perforated sub	6.10	3751-3757
1 joint of 2 3/8" tail pipe	29.86	3757-3786
1 bullplug	.50	3786-3787
	<u>3787.22</u>	

Nipple down BOP - nipple up wellhead - Rigged to swab - Swabbed well as follows: (swab report) - Made 16 swab runs on the day (fluid entry was very small at this point) - Recovered 31.7 Bbls of dirty water (31.7 Bbls for day, 176.3 Bbls since perforating) swab fluid was gas cut all day, well flowed several times, making a water mist, and 10-15 MCFGPD before it logged off - fluid entry into well at end of day was very small - approximate fluid entry rate earlier was 5.4 Bbl/hr, 130 Bbl/day - Shut in well for AOF test

Rig	1502	Eng	100	Daily	\$1602	Cum	\$81,614
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