

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.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Williams Production Company/on behalf of Northwest Pipeline Corp.

3. ADDRESS OF OPERATOR

P. O. Box 58900, Salt Lake City, UT 84158-0900

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

Unit L (NW SW)  
1650' FSL 990' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, RT, GR, etc.)  
6982' GR

5. LEASE DESIGNATION AND SERIAL NO.  
Contract #61

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Indian I

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Gavilan PC

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 35, T28N, R3W

12. COUNTY OR PARISH 13. STATE  
Rio Arriba NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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 perti-  
nent to this work.)\*

1) See attached sheet for details of plugging

2) See attached P&A wellbore diagram

RECEIVED  
AUG 17 1992  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
92 AUG -6 PM 1:14  
019 FARMINGTON, N.M.

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

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

SIGNED

*Mark M. Carls*

TITLE

Sr. Engineer

DATE

7-23-92

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE  
AUG 12 1992

AREA MANAGER

NMOCD

\*See Instructions on Reverse Side

Well Name & Number Location	Contr. Rig #	Depth Yes'day	Feet Today	Feet Drld	Csg Sz Depth	Proj'd TD	Day #	Hole Size
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07/11/92

Indian I #2  
NW/SW Sec. 35, T28N, R3W  
Rio Arriba County, NM

BEDFORD

2

1

RECAP: MOL & RU. Blew well down to pit and killed w/ water. ND wellhead & NU BOP. Circulated well. Spotted plug #1, 25 sx (29.5 cu ft) from 3658' to 2760'. TOH to 2500'. Displaced 2 BBLS. of cmt. into perfs. TOH. Shut down for weekend.

07/12/92

BEDFORD

2

RECAP: Shut down for weekend.

07/13/92

BEDFORD

2

RECAP: Shut down for weekend.

7/14/92

BEDFORD

5

2

RECAP: Roads very muddy. Pressure tested casing to 500# bled to 0 in 5 min. Changed out leaking bradenhead valve. Retested to 500# held ok. RIH w/ wireline & could not get past 2735'. TIH w/ tubing. Tagged plug #1 @ 3357' (perfs 3604' to 3664'). Spotted 7 sx (8.3 cu ft) from 3357' to 3100'. Pressure tested to 1000# held ok. RIH w/ wireline & tagged cmt @ 3057'. (TOC by survey @ 3100'). Squeezed w/ 100% excess to cover top of Ojo Alamo and spotted cmt from 3050' to 2950' (90 sx, 106 cu ft). Final squeeze pressure = 1000#. Shut well in & shut down for night.

07/15/92

BEDFORD

5

3

RECAP: TIH w/ 1 1/4" tubing. Tagged cement @ 2540' (top of Ojo Alamo @ 2930'). Spotted 30 sx (35 cu. ft.) from 2540' to 1440'. TOH to 1440'. Spotted 40 sx (47 cu. ft.) from 1440' to surface. TOH to 189'. Circulated well clean. TOH. Perforated 2 holes @ 189'. Established circulation from bradenhead and spotted 70 sx (83 cu. ft.) inside and outside of casing from 189' to the surface. Circulated 3 BBLS. of good cement from bradenhead. ND BOP & cut-off wellhead. Installed P&A marker. Rig down and moved to Rosa #106.

July 21, 1992

WELLBORE DIAGRAM

LEASE #: Jicarilla Contract #61  
NW/4 SW/4 SEC. 35, T28N, R03W  
RIO ARriba CO., NM.  
ELEV. = 6982' GR  
KB = 11'

WELL DRILLED IN 10/77

INDIAN I #2 PC  
P & A

CASINGHEAD: 9" 1500 LARKIN

TOPS:

OJO ALAMO: 2930'  
KIRTLAND: 3116'  
FRUITLAND: 3426'  
UPPER PICTURED CLIFFS: 3600'  
MASSIVE PICTURED CLIFFS: 3707'

PBTD @ 3886'

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<><>  
<><> 8-5/8" 24# K-55 @ 139'  
<><>  
<><> Perforated @ 189' ( 50' below surface casing shoe)  
<><>  
<><> Plug #6 - 70sx (82.6 cu.ft.) from 189'to Surface  
<><> Circulated 3 BBLS of cement to surface  
<><>  
<><>  
<><>  
<><> Plug #5 - 40sx (47.2 cu.ft.) from 1440'to 189'  
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<><>  
<><> Perforated @ 3050'  
<><> Plug #3 - 90sx (106.2 cu.ft.) from 3050'to 2540' inside  
<><> and from 3050'to 2576'(est) outside  
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<><>  
<><> Tagged plug #2 @ 3357'  
<><> Pressure tested csg. to 1000# before pumping plug #3  
<><> Plug #2 - 7sx (8.3 cu.ft.) from 3357'to 3100'  
<><> Plug #1 - 25sx (29.5 cu.ft.) from 3658'to 3357'  
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<><> 1 3604',08',12'  
<><> 1 3642',46',50',54',58',64'  
<><>  
XXX BP @ 3750'  
1 3776',80',84',88',92'  
\_\_\_\_\_  
2-7/8" 6.4# J-55 NU 10RD @ 3893'

CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	12-1/4"	8-5/8"	90	106 cu.ft.	SURFACE
PRODUCTION	6-1/4"	2-7/8"	160	301 cu.ft.	3100' (survey)