

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.

Contract #81

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Indian A

9. WELL NO.

#3

10. FIELD AND POOL, OR WILDCAT

Choza Mesa PC

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

Sec. 29, T29N, R3W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

14. PERMIT NO.

API #30-039-21279

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7108' GR

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 COMPLETION

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

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.) *

Williams Production Company plans to P&A the subject well as per the attached procedure.

RECEIVED
NOV 15 1991
OIL CON. DIV
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

SIGNED

Mike J. Turnbaugh
Mike Turnbaugh

TITLE Production Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED

DATE 11-6-91

NOV 13 1991

AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

WELL DATA SHEET

WELLNAME: Indian A #3 PC

FIELD: Choza Mesa Pictured Cliffs

LOCATION: NW/4 SW/4 Sec. 29, T29N R03W

ELEVATION: 7108'GR KB = 12'

COUNTY: Rio Arriba

STATE: New Mexico

TOTAL DEPTH: 4070' PBTD: 3850'

DATE COMPLETED: 07/14/80

CASING RECORD	CASING SIZE	WT. & GRADE	DEPTH SET	CEMENT	TOP CEMENT
Surface	8-5/8"	24# K-55	136'	85 sx	Surface
Production	2-7/8"	6.4# J-55	4070'	160 sx	2400' survey

WELLHEAD EQUIPMENT Casinghead: 9" 1500 Larkin

TUBING EQUIPMENT: 117 joints of 1-1/4", 2.3#, J-55 IJ 10rd NU Tubing. Landed @ 3805'

FORMATION TOPS			
Ojo Alamo	3022'	Cliff House Trans.	
Kirtland	3118'	Cliff House	
Fruitland	3650'	Menefee	
Pictured Cliffs	3750'	Point Lookout	
Lewis	N/A		

LOGGING RECORD: Compensated Density Log, Gamma Ray/Induction and Temperature Survey. A

PERFORTAIONS: 3762' - 90', 3948' - 56' w/ 1 shot/2 ft.

STIMULATION: 40,000# 10/20 sand in water.

PRODUCTION HISTORY: Well incapable of production, never first delivered. Swabbed a total of 27 days, TSTM. Unloaded well w/ compressor, no gas. Set BP @ 3850' (above bottom set of perms). Attempted to produce well, no gas. No activity since 1980.


WORKOVER PROCEDURE

1. TA well (see attached procedure).
2. P & A well (see attached procedure)

file a#3data

INDIAN A #3 PC
P&A PROCEDURE

1. Set anchors, blade location and dig blow pit.
2. MOL RU Service Unit.
3. Hold safety meeting and discuss procedure.
4. Kill tubing and ND wellhead and NU BOP's.
5. Kill casing, pull tubing hanger and TOH.
6. Squeeze perforations with 25 sx. class "B" cement and spot 102 sx of cement from the top perforation to 50' below surface casing shoe.
7. Perforate 50' below surface casing shoe and squeeze with class "B" cement to surface. Spot 5 sx. (5.9 cu.ft.) class "B" cement in 2-7/8" casing to surface.
8. Cut off wellhead, install P&A marker, clean up location and seed to land owner's specifications.


Mark McCallister
Sr. Engineer
Production & Drilling

file:inda#3pa

WELLBORE DIAGRAM

OCTOBER 21, 1991

WELLBORE DIAGRAM

INDIAN A #3 PC

NW/4 SW/4 SEC. 29, T29N, R03W
RIO ARRIBA CO., NM.

CASINGHEAD: 9" 1500 LARKIN

TOPS:

OJO ALAMO: 3022'
KIRTLAND: 3118'
FRUITLAND: 3650'
PICTURED CLIFFS: 3750'

PBTD @ 4052'

8-5/8" 24# K-55 @ 136'

117 Jts. 1-1/4" 2.3#
NU 10RD Tubing
Landed @ 3805'

1 3762'
1 3790'

XXX BP @ 3850'
1 3948' to 3956'

2-7/8" 6.4# J-55 NU 10RD @ 4071'

CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	12-1/4"	8-5/8"	85	101 cu.ft.	SURFACE
PRODUCTION	6-1/4"	2-7/8"	160	293 cu.ft.	2400' (survey)

* ALL CEMENT VOLUMES ARE REDUCED BY A 75% EXCESS TO CALCULATE CEMENT TOPS.

WELLBORE DIAGRAM

NW/4 SW/4 SEC. 29, T29N, R03W
RIO ARRIBA CO., NM.

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><>|
<><|
><>| 8-5/8" 24# K-55 @ 136'
<><|
><>| Perforate 50' below surface casing shoe
<><| Circulate cement to surface

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OJO ALAMO: 3022'
KIRTLAND: 3118'
FRUITLAND: 3650'
PICTURED CLIFFS: 3750'

```
<> 1 3762' Squeeze perfs w/ 23 sx
<> 1 3790'
<>
XXX BP @ 3850'
1 3948'to 3956'
2-7/8" 6.4# J-55 NU 10RD @ 4071'
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CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	12-1/4"	8-5/8"	85	101 cu.ft.	SURFACE
PRODUCTION	6-1/4"	2-7/8"	160	301 cu.ft.	2400' (survey)

* ALL CEMENT VOLUMES ARE REDUCED BY A 75% EXCESS TO CALCULATE CEMENT TOPS.

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 3 Indran A

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR

PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES

FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-E-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing: The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4-700.