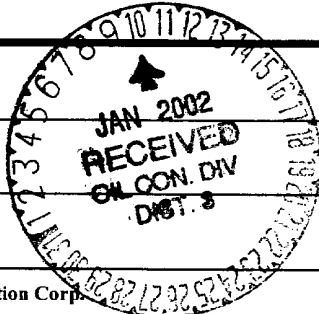


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No. Jicarilla Apache Contract #61
		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
		7. If Unit or CA, Agreement Designation
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Indian I #3A
2. Name of Operator Williams Production Company, LLC		9. API Well No.
3. Address and Telephone No. C/O Walsh Engineering & Production Corp. 7415 East Main, Farmington, NM 87402 505-327-4892		10. Field and Pool, or Exploratory Area Blanco Mesaverde
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 1035' FEL Sec 34, T28N, R3W		11. County or Parish, State Rio Arriba, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other <u>See Below</u>	<input type="checkbox"/> Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)*

Williams Production Company, LLC plans to drill the above mentioned well to the Mesaverde formation only. The originally intent was to drill the well to the Dakota and make a dual Mesaverde/Dakota well. Williams will drill the well as per the attached drilling prognosis. No changes to the original surface plan.

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

Signed John C. Thompson Title Agent/Engineer Date 12/21/01

(This space for Federal or State office use)

Approved by Is/ David R. Sitzler

Conditions of approval, if any:

Acting AFM
Multi-Res.

Title Date JAN 3 2002

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



WILLIAMS PRODUCTION COMPANY

Operations Plan

(Note: This procedure will be adjusted on site based upon actual conditions)

<u>DATE:</u>	12/21/2001	<u>FIELD:</u>	Jicarilla MV
<u>WELL NAME:</u>	Indian I #3A	<u>SURFACE:</u>	Jicarilla
<u>LOCATION:</u>	SE/4 SE/4 Sec 34-28N-3W Rio Arriba, NM	<u>MINERALS:</u>	Jicarilla
<u>ELEVATION:</u>	6955' GR	<u>LEASE #</u>	Jicarilla Apache Contract #61
<u>MEASURED DEPTH:</u>	6277'		

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

	<u>MD</u>		<u>MD</u>
Ojo Alamo	3277'	Cliff House	5557'
Kirtland	3397'	Menefee	5637'
Fruitland	3397'	Point Lookout	5877'
Pictured Cliffs	3557'	Mancos	6072'
Lewis	3827'		
Huerfanito Bentonite	4312'	Total Depth	6277'

B. LOGGING PROGRAM: IND/GR, CDL/SNL. Log the Mesa Verde from TD Intermediate Casing shoe.

C. NATURAL GAUGES: Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

II. DRILLING

A. MUD PROGRAM: Clear water with benex to 7" casing point. Convert to a LSND mud to log and run pipe. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses.

B. BOP TESTING: While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the rams will be tested to 1500 psi. The drum brakes will be inspected and tested each tour. All tests, inspections and SPR's will be recorded in the tour book as to time and results.

III. MATERIALS

A. CASING PROGRAM:

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH (MD)</u>	<u>CASING SIZE</u>	<u>WT. & GRADE</u>
Surface	12-1/4"	+/- 250'	9-5/8"	36# K-55
Intermediate	8-3/4"	+/- 4042'	7"	20# K-55
Prod. Liner	6-1/4"	+/- 3942'-6277'	4-1/2"	10.5# K-55

B. FLOAT EQUIPMENT:

1. SURFACE CASING: 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.
2. INTERMEDIATE CASING: 7" cement nose guide shoe with a self-fill insert float. Place float collar one joint above the shoe. Install one Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (4) joints to the surface casing. Total centralizers = (26) regular and (3) turbulent.
3. PRODUCTION CASING: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20" bottom joint. Place marker joint above 5630'. Place one positive standoff turbolizer every other joint. Total turbolizers is 34.

C. CEMENTING:

(Note: Volumes may be adjusted onsite due to actual conditions)

1. SURFACE: Slurry: 140sx (176 cu.ft.) of "Type III" + 2% CaCl₂ + ¼ # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 125% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.
2. INTERMEDIATE: Lead: 475sx (991 ft³) of "Type III" 65/35 poz + 8% gel + 1% CaCl₂ + ¼ # cello-flake/sk (Yield = 2.09 ft³/sk, Weight = 12.1 #/gal.). Tail: 165x (224 ft³) of class "Type III" + 1% CaCl₂ + ¼ # cello-flake/sk. (Yield = 1.39 ft³/sk, Weight = 14.5#/gal.). The 100% excess in lead and tail should circulate cement to the surface. Total volume = 1215 ft³. WOC 12 hours. Run a temperature survey after 8 hours if cement is not circulated to the surface. Test csg. to 1500psi.
3. PRODUCTION LINER: Lead: 80sx (157 ft³) of Premium Light HS + 0.65% FL-52 + .32% CD-32. (Yield = 1.96 cu.ft./sk, Weight = 12.5 #/gal.). Tail: 110 sx (218 ft³) of Premium Light HS + 0.65% FL-52 + .32% CD-32 + .25 #/sk Celloflake + 4% Phenoseal. (Yield = 1.98 ft³/sk, Weight = 12.5 #/gal.). Displace cement at a minimum of 8 BPM. The 50% excess in lead and tail should cover liner top. Total volume 375ft³. WOC 12 hours.

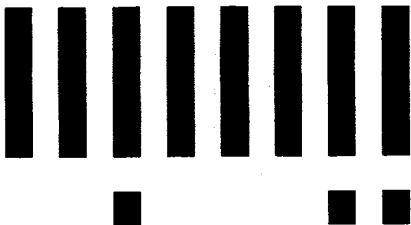
IV COMPLETION

A. CBL

1. Run Cement Bond Log across all intervals to be perforated and find Top of Cement behind all casing strings if cement is not circulated to surface.

B. PRESSURE TEST

1. Pressure test 7" & 4-1/2" casing to 3300# for 15 minutes.



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION:
☒ NEW WELL WORKOVER DEEPEN PLUG BACK DIFF.RESVR. OTHER _____

2. NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At Surface: 660' FSL & 1035' FEL

At top production interval reported below :

At total depth:

5. LBASE DESIGNATION AND LEASE NO.
JICARILLA APACHE CONTRACT #61

6. IF INDIAN, ALLOTTEE OR

JICARILLA APACHE NATION

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

INDIAN 1 #3A

9. API WELL NO.

30-039-26871

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

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

SE/4 SE/4 SEC 34-28N-09W

12. COUNTY OR
SAN JUAN

13. STATE
NEW MEXICO

15. DATE
SPUDDED
01/04/2002

16. DATE T.D.
REACHED
01/13/2002

17. DATE COMPLETED (READY TO PRODUCE)
02/13/2002

14. PERMIT NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6955' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6260' MD

21. PLUG, BACK T.D., MD & TVD
6234' MD

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

BLANCO MV 5601' - 6056'

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

HRI, Spectral Density, Epithermal Neutron, Temp, TMDL

27. WAS WELL CORED
NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36#	290'	12-1/4"	140 SX - SURFACE	
7" K-55	20#	4034'	8-3/4"	640 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3883'	6260'	110 SX		2-3/8"	6026'	

31. PERFORATION RECORD (Interval, size, and number)

CH/Menefee: 5601', 05', 07', 13', 15', 21', 51', 54', 5813', 16', 18', 20', 28', 31', 36' and 5838'. Total of 16 (0.38") holes

Point Lookout: 5893', 96', 99', 5902', 05', 09', 14', 18', 23', 36', 43', 46', 49', 54', 56', 63', 68', 92', 94', 6015', 19', 24' and 56'. Total of 23 (0.38") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

5601' - 5838'

77,000# 20/40 Sand in 1821 bbls slick water

5893' - 6056'

83,000# 20/40 Sand in 1793 bbls slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
02/25/02	3 hr	3/4"	3 hrs		695		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
420	1190				5,561		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY: CHIK CHARLEY

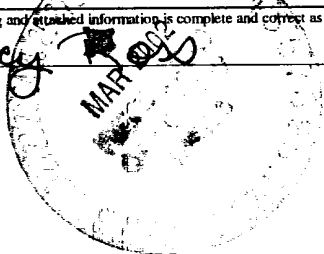
35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Production Analyst

DATE March 12, 2002



38 GEOLOGIC MARKERS

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, core intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
FRUITLAND	3375'	3578'					
PICTURED CLIFFS	3578'	3826'					
LEWIS	3826'	5566'					
CLIFFHOUSE	5566'	5623'					
MENEFEE	5623'	5893'					
POINT LOOKOUT	5893'						

INDIAN I #3A BLANCO MESAVERDE

Location:

660' FSL and 1035' FEL
SE/4 SE/4 Sec 34(P), T28N R3W
Rio Arriba, New Mexico
Elevation: 6955' GR

Spud date: 01/04/02

Completed: 02/13/02

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3557'
Lewis	3827'
CliffHouse	5566'
Menefee	5623'
Point Lookout	5893'

6 jts 9-5/8", 36#, K-55, ST&C csg. Landed @ 290'
Cemented with 140 sx cmt

85 jts 7", 20#, K-55, ST&C csg. Landed @ 4034'.
Float @ 3985'. Cemented with 640 sx cmt.

Top of Liner @ 3883'

192 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbq w/
exp check on bottom and SN 1 jt up.
Landed @ 6026'

52 jts 4-1/2", 10.5#, K-55 ST&C csg. Landed @ 3883' -
6260'. Latch collar @ 6234' & marker jt @ 5558'.
Cemented with 110 sx cmt

STIMULATION

CH/Men: 5601' - 5838' (16, 0.38"
holes) Frac with 77,000# 20/40 sand
in 1821 bbls slick water.

Point Lookout: 5893' - 6056' (23,
0.38" holes) Frac with 83,000# 20/40
sand in 1793 bbls slick water.

5601'
5838'
5893'
6056'

TD @ 6260'
PBDT @ 6234'

Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	140 sx	195 cu ft.	Surface
8-3/4"	7", 20#	640 sx	1215 cu ft.	Surface
6-1/4"	4-1/2", 10.5#	110sx	217 cu ft.	3900'



LTR



Job separation sheet

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address WILLIAMS PRODUCTION COMPANY P O BOX 3102, MS 37-2 TULSA, OK 74101		² OGRID Number 120782
		³ Reason for Filing Code NW
⁴ API Number 30 - 039-26871	⁵ Pool Name BLANCO MV	⁶ Pool Code 72319
⁷ Property Code 17033	⁸ Property Name INDIAN I	⁹ Well Number 3A

II. ¹⁰ Surface Location

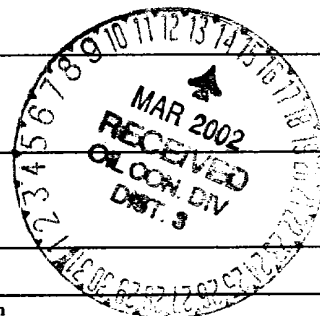
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	34	28N	3W		660'	SOUTH	1035'	EAST	RIO ARriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
009018	GIANT REFINING P O BOX 12999 SCOTTSDALE, AZ 85267	2831650	O	
025244	WILLIAMS FIELD SERVICES ATTN: BUD ALMOND P O BOX 645 TULSA, OKLA 74102	2831651	G	



IV. Produced Water

²³ POD 2831652	²⁴ POD ULSTR Location and Description
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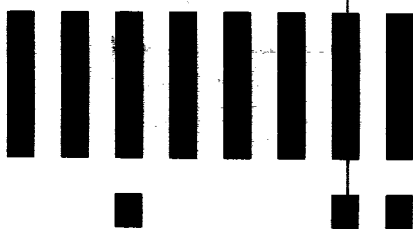
V. Well Completion Data

²⁵ Spud Date 01/04/02	²⁶ Ready Date 02/13/02	²⁷ TD 6260'	²⁸ PBD 6234'	²⁹ Perforations 5601' - 6056'	³⁰ DHC, DC, MC
³¹ Hole Size 12 1/4"	³² Casing & Tubing Size 9 5/8" - 36#	³³ Depth Set 290'	³⁴ Sacks Cement 140 SX		
8 3/4"	7" - 20#	4034'	640 SX		
6 1/4"	4 1/4" - 10.5#	6260'	220 140 SX		
	2 3/8" - 4.7#	6026'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 02/25/02	³⁸ Test Length 3 HRS	³⁹ Tbg. Pressure 420	⁴⁰ Csg. Pressure 1190
⁴¹ Choke Size 3/4"	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 695	⁴⁵ AOF	⁴⁶ Test Method Pitot

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tracy Ross</i>		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY CHARLIE T. PIERSON	
Printed name: TRACY ROSS		Title: <i>PRODUCTION ANALYST</i>	
Title: PRODUCTION ANALYST		Approval Date: <i>APR - 3 2002</i>	
Date: March 12, 2002		Phone: 918-573-6254	
⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date



LTR



Job separation sheet



March 12, 2002

DEVIATION REPORT

Well Name: INDIAN I #3A
Location: P SEC 34 T28N R3W
County, State: RIO ARRIBA COUNTY, NEW MEXICO
Formation: BLANCO MV

DEVIATION	DEPTH
1°	781'
¾°	1279'
¾°	1737'
½°	2245'
½°	2746'
1°	3750'
1°	4031'
¼°	5143'
½°	6270'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
County of Creek) ss:



The foregoing instrument was acknowledged before me this 12th day of March, 2002, by Tracy Ross.



Marni Davidson
Marni Davidson