

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.
Jicarilla Apache Contract #60
6. If Indian, Allottee or Tribe Name
Jicarilla Apache Nation
7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
740' FNL & 2076' FEL, NW/4 NE/4 SEC 22-T31N-R03W

8. Well Name and No.
INDIAN H #2

9. API Well No.
30-039-29222

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

11. County or Parish, State
RIO ARRIBA, NM

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

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Production Test

Change of Plans
New Construction
Non-Routine Fracturing
Water Shut-Off
Conversion to Injection
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.)*

Per your request, attached is the IP test that was conducted on the above well on April 13, 2005.



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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date February 8, 2006

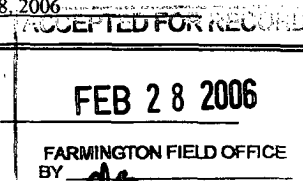
(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:



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.

NMOCD

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Operator Williams Production Company					Lease or Unit Name INDIAN H				
Test Type X Initial Annual Special			Test Date 4/13/2005		Well Number #2 (30-039-29222)				
Completion Date 3/28/2005		Total Depth 6376'		Plug Back TD		Elevation 7045'		Unit Sec Twp Rng B 22 28N 03W	
Casing Size 4 1/2"		Weight 10.5#		d		Set At 6374'		Perforations: 5677' - 5884'	
Tubing Size 2 3/8"		Weight 4.7#		d		Set At 6164'		Perforations: 5956' - 6131'	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation MV		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF			Barometer Pressure - Pa		Connection
L	H	Gq 0.6	%CO2		%N2	%H2S		Prover 3/4"	Meter Run Taps

FLOW DATA					TUBING DATA		CASING DATA		
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI		2" X 3/4"			1280	41	1660		0
1					490	58	1170		0.5 hr
2					360	61	1058		1.0 hr
3					300	62	1000		1.5 hrs
4					290	62	980		2.0 hrs
5					300	62	950		3.0 hrs

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor FI	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604					312	0.9981	1.29	1.029	3970
2										
3										
4										

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	____ p.s.i.a.
5					Critical Temperature _____ R	____ R

Pc	1672	Pc2	2795584
NO	Pt1	Pw	Pw2
1		962	925444
2			
3			
4			

(1) $Pc2 = 1.4948528$		(2) $Pc2^n = 1.3519132$	
$Pc2 - Pw2$		$Pc2 - Pw2$	
AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} = 5367$			

Absolute Open Flow	5367	Mcf @ 15.025	Angle of Slope _____	Slope, n	0.75
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Remarks:			
Approved By Commission:	Conducted By: Sherry Brooks	Calculated By: Tracy Ross	Checked By: