

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

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)  
1895' FNL & 1290' FEL, SE/4 NE/4 SEC 30-T27N-R03W

5. Lease Designation and Serial No.  
Jicarilla Apache Contract #92

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Nation

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
JICARILLA 92 #16A

9. API Well No.  
30-039-29293

10. Field and Pool, or Exploratory Area  
BLANCO MESA VERDE

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 \_\_\_\_\_

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.)\*

Williams Production Company plans to alter the setting depth of the intermediate csg per the attached drilling plan.



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

Signed

Tracy Ross  
Tracy Ross

Title Sr. Production Analyst

Date February 2, 2006

(This space for Federal or State office use)

Approved by

Greenbury

Title

Pet. Eng

Date

2/8/06

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.

NMOC



## WILLIAMS PRODUCTION COMPANY

### Drilling Plan

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

<u>DATE:</u>	1/27/2006	<u>FIELD:</u>	Blanco MV
<u>WELL NAME:</u>	Jicarilla 92-#16-A	<u>SURFACE:</u>	Jicarilla
<u>LOCATION:</u>	SE/4 NE/4 Sec 30-27N-3W Rio Arriba, NM	<u>MINERALS:</u>	Jicarilla
<u>ELEVATION:</u>	7,251ft. GR	<u>LEASE #</u>	Jicarilla Apache Contract # 92
<u>MEASURED DEPTH:</u>	6,628ft.	<u>API #:</u>	30-039-29293

#### I. GEOLOGY: Surface formation - San Jose

##### A. FORMATION TOPS: ( KB)

	<u>MD</u>		<u>MD</u>
Ojo Alamo	3,533ft.	Huerfanito Bentonite	4,563ft.
Kirtland	3,728ft.	Cliff House	5,798ft.
Fruitland	3,838ft.	Menefee	5,873ft.
Pictured Cliffs	4,058ft.	Point Lookout	6,178ft.
Lewis	4,283ft.	Mancos	6,453ft.
Intermediate Casing	4,430ft.	Total Depth	6,628ft.

**B. LOGGING PROGRAM:** DIL from Intermediate casing TD to Surface Casing shoe. DIL from well TD to Intermediate Casing shoe. FDC / CNL over selected intervals. **Mud Logger** on from 3,000ft. to 4,100ft.

**C. NATURAL GAUGES:** Gauge any noticeable increases in gas flow. Record all gauges 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.

**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 BOPE will be tested to **250 psi (Low) for 5 minutes** and **1500 psi (High) for 10 minutes**. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The surface casing will be pressure tested to **1500 psi for 30 minutes** after the BOPE test before drilling out cement. The drum brakes will be inspected and tested each tour. **All tests, inspections and SPR's will be recorded in the tour book and DAR 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. &amp; GRADE</u>
Surface	12-1/4"	+ 250ft.	9-5/8"	36# K-55
Intermediate	8-3/4"	+/- 4,430ft.	7"	20# K-55
Prod. Liner	6-1/4"	+/- 4,300ft.-6,628ft.	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 Insert float one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints to 2,500 ft. Run (1) Turbulent centralizer at 2,700 ft., 2,500 ft., 2,300ft. 2,000ft., 1,500 ft., and 1,000 ft. (NTL-FRA 90-1). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )
3. PRODUCTION CASING: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20ft. bottom joint. Place marker joint above 5,600ft.. Place one positive standoff turbolizer every other joint thru Mesa Verde interval. ). ( Call this in to BLM for approval. If denied, follow what is in the Operations Plan in the Permit package. )

#### C. CEMENTING:

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

1. SURFACE: Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl<sub>2</sub> + 1/4 # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 100% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.
2. INTERMEDIATE: Lead - 515 sx (1,077) cu.ft.) of "Type III" 65/35 poz with 8% gel, 1% CaCl<sub>2</sub> and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 50sx (70cu.ft.) of "Type III" with 1/4# cello-flake/sk, and 1% CaCl<sub>2</sub> (Yield = 1.4 cu.ft./sk, Weight = 14.5#/gal.). Use 100% excess in Lead Slurry to circulate to surface. No excess in Tail Slurry. Total volume = 1147 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
3. PRODUCTION LINER: 10 bbl Gelled Water space. Lead: 50sx (130ft<sup>3</sup>) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, 1/4 #/sk cello flake. ( Yield = 2.59 cu.ft./sk, Weight = 11.6 #/gal.). Tail: 100sx (215 ft<sup>3</sup>) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, 1/4 #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft<sup>3</sup>/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 330 ft<sup>3</sup>.

245

Gary C. Sizemore

Sr. Drilling Engineer