

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JAN 08 2009

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir in an application for a permit to drill for such proposals

Bureau of Land Management
Farmington Field Office

5. Lease Designation and Serial No
701-02-0014

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 X Other

8. Well Name and No.
JAECO 26-3 22 #1A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No
30-039-30050

3. Address and Telephone No
PO BOX 640 Aztec, NM 87410-0640

10. Field and Pool, or Exploratory Area
Blanco MV/Basin Dakota

4. Location of Well (Footage, Sec, T, R., M., or Survey Description)
790' FSL & 180' FEL, Sec. 22, T26N, R3W
1850'

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

ER
X Notice of Intent

Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

X Other Mancos Completion

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 plans to complete the Basin Mancos formation of this well as per attached procedure. A notice of intent to plug the Basin Dakota has been previously submitted.

Note: Subsequent reporting of this procedure will be reported on the completion sundry for this well

A well location acreage dedication plat is required for the Basin Mancos.

RCVD JAN 21 '09
OIL CONS. DIV.

DIST. 3

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

HOLD C104 FOR C102 for Basin Mancos gas pool

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

Signed Larry Higgins
Larry Higgins

Title Drilling COM

Date 1-8-09

(This space for Federal or State office use)

Approved by Thane Townsend

Title Pet Eng

Date 1/20/09

Conditions of approval, if any

NMOCB

B 1/22



Exploration & Production
COMPLETION PROGNOSIS
Mancos Interval

WELL NAME:	JAECO 26-3 22 #1A	DATE:	1/8/2009
LOCATION Surface:	790 FSL, 1850' FEL SEC. 22-T26N-R3W Rio Arriba, NM	FIELD:	Blanco MV Basin DK
		API NUMBER:	30-039-30050
LOCATION Btm Hole:	790 FSL, 1850' FEL SEC. 22-T26N-R3W Rio Arriba, NM	SURFACE:	Jicarilla Apache
		MINERALS:	Fed / 701-02-0014 WT6229 (MV)
ELEVATION:	7,362' GR	AFE NUMBER:	WT18937 (Mancos) WT18953 (DK)
DRILLER KB:	14' AGL	AMOUNT:	\$ (MV) \$. (Mancos) \$ (DK)
DRILLER TD:	8,652'	DCT:	\$1,095,374
PROD CSG Set at:	8,650'	OGRE ID:	xxxx(MV) xxxx(DK)
FLOAT COLLAR:	8,603'	ORACLE ID:	62171664(MV) xxxxxxxx(Mancos) xxxxxxxx (DK)
MARKER JTS:	3,724'-3739'	PROD TEAM LEAD:	Matt Lane
DRILL RIG:	AWS 124	PROD TECH:	Tommy Clements
DRILL CNSLTNT:	G. Gathings/W. Mock	INV RTG CODE:	NXEKK334711
DRILL SPUD/FIN:	10/31/08-11/27/08		

CASING RECORD:

TYPE	SIZE	WT	GRADE	THRD	SET AT	TOL	OH SIZE	TOC
Surface	10.75	40.5	J-55	ST&C	318		14.75	surface
Intermediate	7 5/8	26.4	J-55	ST&C	4,390		9 7/8	surface
Longstring	5 1/2	17	N-80	LT&C	8,650		6 3/4	5200' CBL

WIRELINE LOGS: Weatherford – MDN/MPD & MAI/MFE (11-11-08 & 11-25-08)

FORMATION TOPS:

Ojo Alamo	3,580	Menefee	5,812
Kirtland	3,768	Point Lookout	6,123
Frutland	3,810	Mancos	6,396
Picture Cliffs	3,936	Gallup	7,151
Lewis	4,140	Greenhorn	8,099
Huerfanito	4,460	Graneros	8,168
Cliffhouse Trans		Dakota	8,210
Cliff House	5,667	TD (Logger)	8,652

JAECO 26-3 22 #1A Completion Plan Mancos Interval

PROJECT OBJECTIVE:

Plug and Abandon the Dakota Interval

Initially Complete the Mancos vertical wellbore.

The Mesa Verde will also be completed as detailed on a subsequent procedure.

The Mancos stimulation will be the standard Slickwater Frac and flowback in multiple stages.

Exceptions are the critical items noted next.

CRITICAL ITEM DISCUSSION:

The Mancos zones are not proven and may require a longer testing process than a normal development well.

It is estimated that there will be at least 3 frac stages. It is intended to flow back and test each stage separately.

A. PREPARATION:

1. 15 Frac Tanks are on location. Fill with fresh water. Add biocide while filling. May want to use KCl water. Check with engineer for final determination of KCl percentage.
2. CBL was done 12/4/08.
3. Completion unit is on location and rigged up as follows. NDWH. NU BOPE, Blooie line, & 2 7/8 handling tools. RU pump and recirculating pit. RU Air package. Position 2 7/8" 6.5# N-80 EUE workstring.

B. PLUG AND ABANDON DAKOTA:

1. Workstring is currently at approximately 4000'. Circulate hole with fresh water, killing the well, and TOO H.
2. PU Cement Retainer and run in hole on tubing. Set at 8170' (middle of casing joint).
3. Pressure tbg/csg annulus to 500 psi. Hold and monitor pressure.
4. RU BJ Services and pump 100 sacks of Class 3 neat cement to plug Dakota.
5. Displace to within 1/2 bbl of end of tubing. Sting out of retainer and reverse circulate tubing clean with fresh water.
6. TOO H w/ tbg.
7. Load hole and test casing and blind rams to 1500 psi for 30 minutes (this is a regulatory requirement) and record results in daily report

B. MANCOS COMPLETION:

8. PU 4 3/4" bit, bit sub, and TIH on 2 7/8" tbg. Clean out Cmt to 8150' (20' above retainer). Circulate hole with 2% KCl water.
9. RU Acid pumper. Pressure test 5 1/2 casing to 5000 psi. Spot 200 gal 15% HCl across interval to be perforated.
10. TOO H.
11. RU Perforating company and perforate Mancos with 3 shots per location phased 120 degrees apart with a 3 3/8" select fire HSC gun with a 10 gram charge for a .34 hole and 21" penetration. See attached Perforation Detail Sheet. The overall interval is from 6750' to 7800'.
12. With acid pumper breakdown perfs and pump into formation apprx 20 Bbls at 5 BPM and record pressures.
13. Frac according to Frac company proposal at apprx 50 BPM with 6000 psi max. Obtain ISIP, 5, 10, and 15 min SIP.
14. The Frac procedure should be approximately as follows: Spearhead 1-2000 gals 15% HCl, 10 Bbls fresh water spacer, 50 Bbls CL Gel, and 4000 Bbls fresh slick water with 8000 Lbs 100 Mesh at .25 & .50 ppg followed by 120,000 Lbs 40/70 sand at .50, .75, 1.0, & 1.25 ppg. All frac fluid will contain a clay stabilizer.
15. Flowback on choke to flowback tank. Start with a 1/8 and increase as appropriate. Record fluid volume recovered.

C. CLEAN UP:

1. PU 1/2 Mule shoe and SN (production setup) and TIH on 2 7/8" tubing, CO with A/S mist to PBTD.
2. Pull above perforations, gauge well and blow with a compressor if necessary.
3. Flowback until formation quits making sand and load water decreases to an acceptable level.
4. Obtain flowback water and gas samples for analysis.
5. TOO H with tbg and set CIBP per engineer direction in preparation for next stage Mancos interval completion.
6. Repeat completion procedure for each stage. Discuss with engineer before refilling frac tanks for type of fluid.