

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		5.	Lease Designation and Serial No. SF-078765
		6.	If Indian, Allottee or Tribe Name
		7.	If Unit or CA, Agreement Designation ROSA UNIT
1.	Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8.	Well Name and No. ROSA UNIT #12A
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	9.	API Well No. 30-039-25900
3.	Address and Telephone No. PO BOX 3102 MS 37-4, TULSA, OK 74101 (918) 588-4592	10.	Field and Pool, or Exploratory Area BLANCO MV
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description) 1695' FSL & 1840' FEL, NW/4 SE/4 SEC 15-31N-6W	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 checked="" type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <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 proposes to re-complete this well to the Pictured Cliffs formation and dual with the existing Mesaverde, as per the attached procedure. Estimated start date is April 1, 1999.

RECEIVED
 09 MAR - 1 11:42
 070

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

Signed SUSAN GRIGUHN *S. Griguhn* Title CLERK Date June 20, 1998

(This space for Federal or State office use)

Approved by Chip Harraden Title Acting Team Lead Date 3/11/99

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.

HOLD 0104 FOR *Plot*

NMOOD

WILLIAMS PRODUCTION COMPANY
COMPLETION PROGNOSIS
ROSA 12A

Purpose: To complete the Pictured Cliffs formation and dual with the existing Mesaverde.

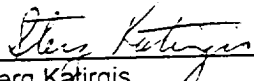
1. Notify BLM 24 hours prior to moving in.
Check rig anchors and repair as necessary.
Spot and fill 2- 400 bbl tanks with 1% fresh KCl water. Do not filter water unless necessary. Filter water to 25 microns if necessary. One tank will be gelled.
Set flow back tank if needed and dig pit. **Fence and line any pits dug.**
Order out dual tubing head and Mt. Sates Model B Seal Bore Packer packer.
Order Pictured Cliffs tbg string w/ turned down collars.
2. MIRUSU. Nipple up BOP, blooie line, working valves and 2" relief line. Test BOP.
3. TOH with 2-3/8" Mesaverde tbg.
4. TIH with 7" drillable bridge plug on 2-3/8" tbg and set at 3500' . Load hole with 1% KCl water and pressure test entire casing to 3,000 psi and hold for 15 minutes.
5. Spot 200 gals 15% HCl acid across perfed interval from 3300'-3190'. TOH with tbg.
6. On wireline run CBL-CCL across Pictured Cliffs from 2800'-2600'.
7. Correlate to Halliburton's Neutron-Density log of 7/23/98. Perforate the Pictured Cliffs formation in 7" casing w/ 0.36" holes using a 3-1/2" select fire casing gun from top down at the following depths; 3195, 3196, 3231, 3233, 3235, 3237, 3239, 3241, 3243, 3245, 3247, 3251, 3253, 3261, 3268, 3270, 3275, 3280, 3284, 3290.
8. Breakdown and attempt to balloff down casing w/ 500 gals 15% HCl acid and 1.3 S.G. - 7/8" neutral density RCN perf balls.
Maximum pressure = 3000 psi.
Acid to contain 1 gal/1000 gals surfactant, iron control and inhibitor (24 hour inhibition at 150°F).
9. RIH with wireline junk basket and retrieve balls.
10. Rig up pump trucks and fracture stimulate the Pictured Cliffs with 80,000# 20/40 Arizona sand using a 70 quality foam (TRANSFOAM). Initial injection rate of 40 BPM rate down casing as follows.
CONFIRM ALL VOLUMES ON LOCATION

<u>STAGE</u>	<u>FLUID (gals)</u>	<u>DOWNHOLE FOAM (gals)</u>	<u>SAND (lbs)</u>
Pad	3,000 gals	10,000 gals	-
1.0 ppg	3,000 gals	10,000 gals	10,000#
1.5 ppg	3,000 gals	10,000 gals	15,000#
2.0 ppg	3,000 gals	10,000 gals	25,000#
3.0 ppg	3,000 gals	10,000 gals	30,000#
Flush	(5,271 gals)	-	
	20,271 (gals)	50,000 gals	80,000 #

Maximum injection rate = 40 BPM or greater at maximum STP =3000 psi.
All frac fluid to contain 20 PPT of Guar Gel, 1 PPT of Breaker, 5 GPT Foaming Agent
SI well in for minimum of 3 hours to allow gel to break. Record ISDP and 15 minute shut in pressure if not on vacuum.

Flow back initially through 1/4" choke. Then gradually open as pressure drops.

11. TIH with bit on tubing and clean out to BP. Obtain pitot gauge when possible.
12. TIH w/ original 2-3/8", 4.7#, J-55, 8rd, EUE Mesaverde tubing w/ 4-1/2" Mt. States Model B Arrow Drill Seal Bore Packer (WPX configuration) and tail pipe w/ SN 1 joint off bottom. Land @ 5955'. Set packer at approx. 3700' inside 4-1/2" liner. Liner top @ 3575'.
TIH w/ 2-3/8", 4.7#, J-55, 8rd, EUE Pictured Cliffs tubing with turned down collars & SN 1 joint off bottom. Land near bottom perf. Flow back both zones. Obtain pitot tube gauge from both zones if possible. If pump out plug is used on Pictured Cliffs tbg, then run orange peeled sub on bottom and perferd joint of tbg between SN and orange peeled sub.
13. ND BOP and NU wellhead. Shut well in for buildup.
14. Cleanup location and release rig.



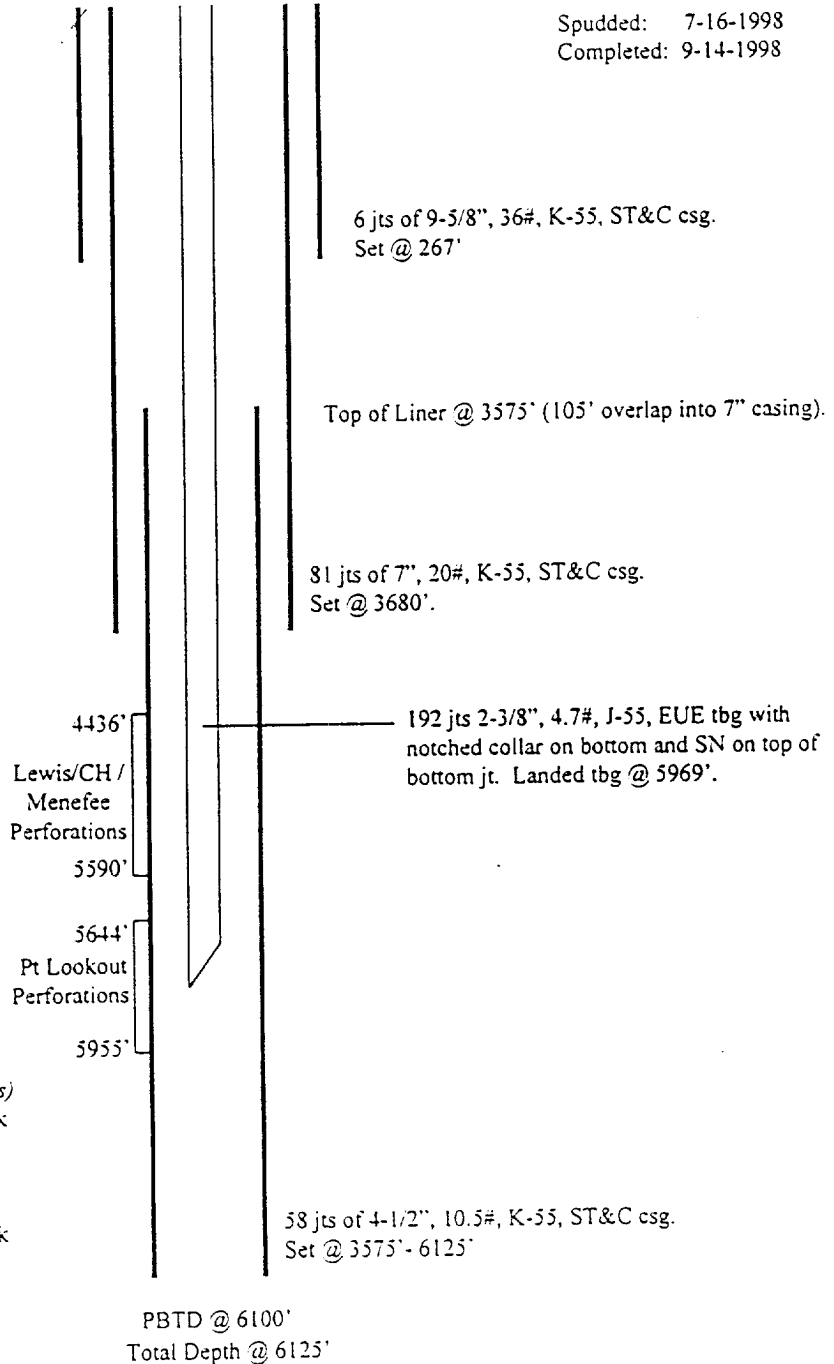
Sterg Katirgis
Senior Engineer

ROSA UNIT #12A BLANCO MESAVERDE

Location:
1695' FSL and 1840' FEL
NW/4 SE/4 Sec 15, T31N R6W
Rio Arriba, New Mexico
Elevation: 6331' GR

Spudded: 7-16-1998
Completed: 9-14-1998

<u>Top</u>	<u>Depth</u>
Ojo Alamo	2380'
Fruitland	2983'
Pictured Cliffs	3168'
Lewis	3450'
Cliff House	5364'
Menefee	5410'
Point Lookout	5642'
Mancos	6090'



Stimulation

Lewis/CH/Menefee: 4436' - 5590' (38 0.38" holes)
Fraced with 80,000# 20/40 sand in 2160 BBls slick water.

Point Lookout: 5644' - 5955' (40 0.38" holes)
Fraced with 80,000# 20/40 sand in 2240 BBls slick water.

HOLE SIZE	CASING	CEMENT	CMT TOP
12 - 1/4"	9 - 5/8"	150 s x	SURFACE
8 - 3/4"	7"	675 s x	SURFACE
6 - 1/4"	4 - 1/2"	320 s x	3575' (CBL)