District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD. Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

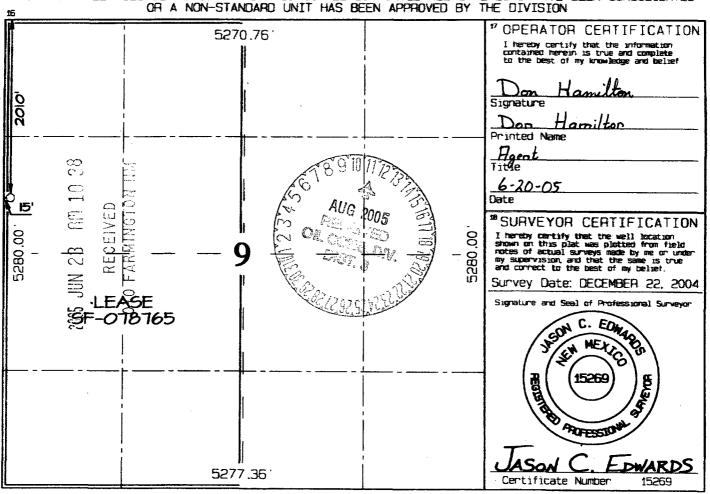
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

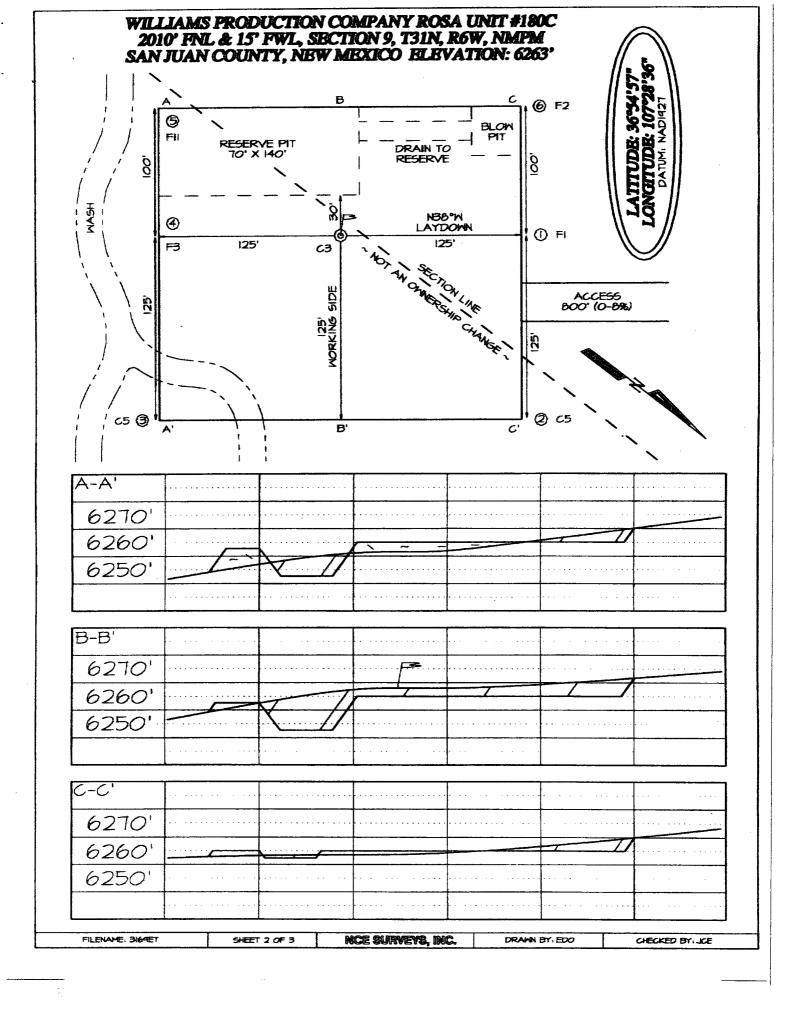
AMENDED REPORT

			WELL	LOCAT	ION AND A	CREAGE DED:	CATION PL	.AT		
*API Number *Pool 0			de 'Pool Name							
				72319	9		BLANCO MES	AVERDE		
*Property Code		^a Property Name					*Well Number			
17033		ROSA UNIT							18 0 C	
'OGRID No.		*Operator Name							Elevation	
120782		WILLIAMS PRODUCTION COMPANY							6263	
					¹⁰ Sunface	Location				
UL or lest no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County	
Е	9	31N	6 W		2010	NORTH	15	WEST	SAN JUAN	
¹¹ Bottom Hole Location If Different From Surface							•			
UL or Bot no.	Section	Township	Range	Lort Idn	Feet from the	North/South line	Feet from the	East/West line	County	
9-					9		50			
²² Deducated Acres 320.0 Acres - (W/2)			¹⁹ Jaint or Infill	** Coreclidation Code	²⁵ Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Submit 3 Copies To Appropriate District State of New Mexico	Form C-103
Office Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION	5. Indicate Type of Lease Federal
District III 1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505	SF-078765
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	
PROPOSALS.)	Rosa Unit
1. Type of Well: Oil Well Gas Well Other	8. Well Number 180C
2. Name of Operator	9. OGRID Number
Williams Production Company, LLC	120782
3. Address of Operator 999 Goddard Ave, Ignacio, CO 81137	10. Pool name or Wildcat Blano MV
	Diano MV
4. Well Location	ha War III
Unit Letter E: 2,010 feet from the N line and 15 feet from the	
Section 2 Township 31N Range 6W	NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc. 6,263' GL	
Pit or Below-grade Tank Application or Closure	
Pit type Drilling Depth to Groundwater > 100' Distance from nearest fresh water well > 100	A ft Distance from nearest surface water
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Constru	-10001
12. Check Appropriate Box to Indicate Nature of Notice	COOR INTEGER
	•
NOTICE OF INTENTION TO: SUE	SSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WOR	
	ILLING OPNS. P AND A
PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMEN	IT JOB
OTHER: OTHER:	п
13. Describe proposed or completed operations. (Clearly state all pertinent details, ar	d give pertinent dates, including estimated date
of starting any proposed work). SEE RULE 1103. For Multiple Completions: A	ttach wellbore diagram of proposed completion
or recompletion.	, , ,
Pit to be located approximately 50 to 75 feet from well head. Pit will be for multi-us	se drilling and completion to avoid
additional site disturbance and pit will be considered out of service once production	n tubing set. Pit to be constructed
operated and closed in accordance with NMOCD guidelines and Williams procedu	res.
I hereby certify that the information above is true and complete to the best of my knowledge	e and helief I further cortify that are not an halom
grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit	or an (attached) alternative OCD-approved plan .
Grove To U. III	ATE 6/20/05
Type or print name Don Hamilton E-mail address: starpoint@etv.net	Telephone No. 435-719-2018
BEPUTY OIL & GAS IN	SPECTOR DIST. AL ALLO 1 1 200
APPROVED BY:	DATE AUG 11 200
· ·	





WILLIAMS PRODUCTION COMPANY

Operations Plan

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

DATE:

6/13/2005

FIELD:

Blanco MV

WELL NAME:

Rosa #180C

San Juan, NM

SURFACE:

BLM

BH LOCATION:

SWNW Sec 09-31N-6W

MINERALS:

BLM

ELEVATION:

6,263' GR

LEASE #

SF-078765

MEASURED DEPTH:

5,997

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

A. FORMATION TOPS: (KB)

Name	MD	Name	MD
Ojo Alamo	2,222	Cliff House	5,267
Kirtland	2,342	Menefee	5,312
Fruitland	2,772	Point Lookout	5,547
Picture Cliffs	3,082	Mancos	5,857
Lewis	3,402	TD	5,997

- B. MUD LOGGING PROGRAM: None
- C. LOGGING PROGRAM: High Resolution Induction/ GR and Density/ Neutron log from surface to intermediate casing point and High Resolution Induction/ GR and Density/ Neutron log from intermediate shoe to TD. Onsite geologist will pick Density/ Neutron log intervals on both logging runs.
- D. 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. Use air w/Air Hammer from 7 in. csg.to TD.
- 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 drum brakes will be inspected and tested each tour. All tests and inspections will be recorded in the tour book as to time and results.

III. MATERIALS

A. CASING PROGRAM:

CASING TYPE	HOLE SIZE	DEPTH (MD)	CASING SIZE	WT. & GRADE
Surface	12-1/4"	+/- 300'	9-5/8"	36# K-55
Intermediate	8-3/4"	+/- 3,557'	7"	20# K-55
Prod. Liner	6-1/4"	+/- 3,457'-5,997'	4-1/2"	10.5# K-55

B. FLOAT EQUIPMENT:

- 1. <u>SURFACE CASING:</u> 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.
- 2. <u>INTERMEDIATE CASING:</u> 7" cement nose guide shoe with a self-fill insert float. Place float collar 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).
- PRODUCTION CASING: 4-1/2" & 5-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' bottom joint. Place marker joint above 5,400'. Place centralizers as needed across selected production intervals.

C. CEMENTING:

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

- 1. SURFACE: Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl₂ + ¼ # 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. <u>INTERMEDIATE</u>: Lead 450 sx (929) cu.ft.) of "Type III" 65/35 poz with 8% gel, 1% CaCl₂ and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail -50 sx (70 cu.ft.) of "Type III" with 1/4# cello-flake/sk, and 1% CaCl₂ (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 = 999 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: $50sx (130ft^3)$ of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE. (Yield = 2.59 cu.ft./sk, Weight = 11.6 #/gal.). Tail: $100sx (215 ft^3)$ of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft³/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 325 ft³. WOC 12 hours

Rosa #180C Operations Plan Page #3

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.

C. STIMULATION

- 1. Perforate the Point Lookout as determined from the open hole logs.
- 2. Stimulate with approximately 80,000# of 20/40 sand in slick water.
- 3. Isolate Point Lookout with a CIBP.
- 4. Perforate the Menefee/Cliff House as determined from the open hole logs.
- 5. Stimulate with approximately 80,000# of 20/40 sand in slick water.
- 6. Test each zone before removing bridge plugs.

D. RUNNING TUBING

1. <u>Mesa Verde</u>: Run 2-3/8", 4.7#, J-55, EUE tubing with a SN (1.91" ID) on top of bottom joint. Land tubing approximately 25' above the bottom Point Lookout perforation.

Gary Sizemore Sr. Drilling Engineer



Well Control Equipment Schematic for 2M Service

Typical BOP satup

