

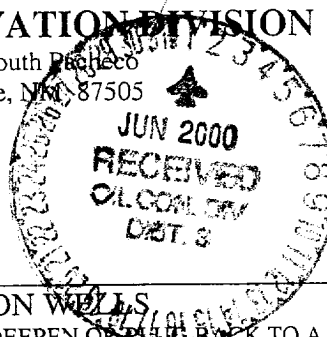
Submit 3 Copies
To Appropriate
District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pecos
Santa Fe, NM 87505



DISTRICT II
811 South First, Artesia NM 88210

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

WELL API NO. 30-045-30101
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. 120782
7. Lease Name or Unit Agreement Name: ROSA UNIT
8. Well No. 185
9. Pool name or Wildcat BLANCO MV/ BASIN DK
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6330' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(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)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator WILLIAMS PRODUCTION COMPANY
3. Address of Operator P O BOX 3102, MS 37-2, TULSA, OK 74101
4. Well Location: <u>IBH 1570</u> Unit letter <u>1040</u> feet from the <u>SOUTH</u> line and <u>1238'</u> feet from the <u>EAST</u> line
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6330' GR

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: **SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CASING TEST AND CEMENT JOB	OTHER: _____	
OTHER: Amend original APD approved 1/14/00			

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

Williams Production Company proposes to alter our original drilling and completion plans. Williams proposes to dual complete this well in the Blanco Mesa Verde and the Basin Dakota. An update operations plan has been attached for your review.
Estimated start date 6/20/00

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tracy Ross TITLE: PRODUCTION ANALYST DATE: May 26, 2000
Type or print name TRACY ROSS Telephone No: (918) 573-6254
(This space for State use)

APPROVED BY Original Signed by STEVEN A. HAYDEN

DEPUTY OIL & GAS INSPECTOR, DIST. 3

JUN - 2 2000

Conditions of approval, if any:

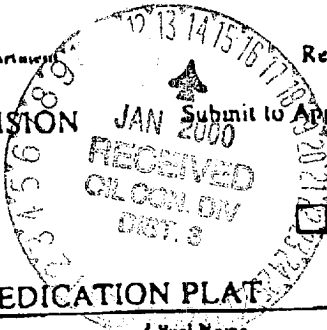
directional survey

JAN-13-2000 13:47

District I
 P.O. Box 1980, Hobbs, NM 88241-1980
 District II
 811 South West, Artesia, NM 88210
 District III
 1000 Rte. 7800 Rd., Adco, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505



P. 01/02
 Form C-102

Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-045-30101		* Pool Code 72319		* Pool Name Blanco - MV	
* Property Code 17033		* Property Name ROSA UNIT		* Well Number 185	
* OGRID No. 123782		* Operator Name WILLIAMS PRODUCTION COMPANY		* Elevation 6330'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
G	16	31N	6W		1790'	NORTH	1928'	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
L	16	31N	6W		1010'	SOUTH	1010'/238	EAST	BIO ARriba

* Dedicated Acres 320 S/2	* Joint or Infill I	* Consolidation Code U	* Order No.
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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

16 S89°53'E 5277.36' 5280.00' 1790' Surface 1928' 3 Section 16		<h3>17 OPERATOR CERTIFICATION</h3> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Steve Nelson</i> Signature Steve Nelson Printed Name Agent, Nelson Consulting Title January 13, 2000 Date</p>
1258 Bottom 1010' 1570 5280.00' N89°54'E		<h3>18 SURVEYOR CERTIFICATION</h3> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>10/02/00 Date of Survey Signature 11383 Certificate Number</p>

WILLIAMS PRODUCTION COMPANY
OPERATIONS PLAN

DATE: Revised 5/26/00

WELLNAME: ROSA UNIT #185 **FIELD** Blanco MV

SURFACE LOCATION: SW/4 NE/4 Sec. 16, T31N, R06W **SURFACE:** BLM
San Juan, NM

BOTTOM HOLE LOCATION: SE4/SW4 Sec. 16, T31N, R06W
San Juan, NM

ELEVATION: 6330' GR **MINERALS:** State

TRUE VERTICAL DEPTH: 8012' **LEASE #** FEE

MEASURED DEPTH: 8933'

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

	<u>TVD</u>	<u>MD</u>		<u>TVD</u>	<u>MD</u>
Ojo Alamo	2342'	2652'	Point Lookout	5632'	6553'
Kirtland	2457'	2835'	Mancos	5932'	6858'
Fruitland	2917'	3561'	Gallup	6912'	7833'
Pictured Cliffs	3167'	3909'	Greenhorn	7672'	8593'
Lewis	3467'	4284'	Graneros	7727'	8648'
Cliff House	5352'	6269'	Dakota	7862'	8783'
Menefee	5402'	6320'	Total Depth	8012	8933'

B. LOGGING PROGRAM: Attempt to run a 6-1/4" IND/GR/TEMP log from TD to Intermediate TD CDL interval selected by onsite geologist. If attempt fails run a cased hole log (TMDL) will be ran after drilling is complete and casing is landed and cemented.

C. 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. LSND to log and run pipe.

B. BOP TESTING: While drill pipe is in use, the pipe rams will be tested not less than once each day. The blind rams will be tested once each trip. The drum brakes will 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:

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH(MD)</u>	<u>CASING SIZE</u>	<u>WT. & GRADE</u>
Surface	13-3/4"	500'	10-3/4"	32.75# H-40
Intermediate	9-7/8"	5340'	7-5/8"	26.4# K-55
Prod. Liner	6-3/4"	8933'	5-1/2"	17.0# N-80

B. FLOAT EQUIPMENT:

1. **SURFACE CASING:** 10-3/4" notched regular pattern guide shoe.

2. INTERMEDIATE CASING: 7-5/8" cement nose guide shoe with a self- fill insert float. Place float one(1) joint above the shoe. Place one rigid spiral centralizer, every 120' interval from float joint to surface pipe shoe. Total number of rigid spiral centralizers = 40

3. PRODUCTION CASING: 5-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' bottom joint. Place 20' marker joint on top of 10th joint and one above 6320'.

C. CEMENTING:

1. SURFACE: Use 288sx (400cu.ft.) of class "Type III" with 2% CaCl₂ and 1/4# of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). Use 100% excess to circulate the surface. WOC 12 hours. Test to 1500#.

2. INTERMEDIATE: Lead – 710sx (1487 cu.ft.) of "Premium Lite" Poz/Type III, 35/65 with 8% gel, 1% CaCl₂, and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail – 580sx (807 cu.ft.) of class "Type III" with, 1% CaCl₂, and 1/4# cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5#/gal.). Use 100 excess in lead and tail to circulate to surface. Total volume = 2294 cu.ft. WOC 12 hours. Test to 1500#.

PRODUCTION LINER: Lead 235 sx (325 cu.ft.) of class 50/50, Poz/Class H with 4% gel, 2% kcl, 0.2% CD-32, 4.0% Phenoseal, 0.6% FL-50 and 1/4#/sk cello-flake. (Yield = 1.38 cu.ft./sk, Weight = 13.4 #/gal.). Tail 100 sx (150 cu.ft.) of class "H" with 35% silica flour, 1.5% FL-62 ,0.3% CD-32, 0.2% A-2, and 1/4# cello-flake/sk, (Yield = 1.50 cu.ft./sk, Weight = 15.9 #/gal.) Batch mix tail slurry. Displace cement at a minimum of 8 BPM. Use 50% excess in lead and tail. Total volume 475 cuft. WOC 12 hours.

IV COMPLETION

A. CBL

1. Run Cement Bond Log across all intervals to be perforated and find Top of Cement behind all casing strings.

B. PRESSURE TEST

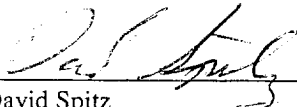
1. Pressure test 7-5/8" to 3300# and 5-1/2" casing to 6000# for 15 minutes.

C. STIMULATION

1. Stimulate Dakota with approximately 60,000# of 20/40 sand in x-link foam.
2. Isolate Dakota with a RBP.
3. Stimulate Point Lookout with approximately 80,000# of 20/40 sand in slick water.
4. Isolate Point Lookout with a RBP.
5. Perforate the Menefee/Cliff House as determined from the open hole logs.
6. Stimulate Menefee/Cliff House with approximately 80,000# of 20/40 sand in slick water.
7. Test each zone before removing bridge plugs.

D. RUNNING TUBING

1. Dakota: Run 2-1/16", 3.25#, J-55, IJ tubing with 1/2 mule shoe on bottom , SN with pump-out plug on top of adeem joint and 5 Seal Units. Land tubing approximately 100' below top Dakota perf.
2. Mesa Verde: Run 2-1/16", 3.25#, J-55, IJ tubing with mule shoe on bottom and SN on top of bottom joint. Land tubing approximately 50' above the bottom Point Lookout perforations.



David Spitz
Engineer, Production & Drilling

file:#185opp