

Sec : 34 Twp : 32N Rng : 06W Section Type : NORMAL

D 40.00 Fee owned U	C 40.00 Federal owned U	B 40.00 Federal owned U	A 40.00 Federal owned U A
E 40.00 Fee owned U	F 40.00 Federal owned U	G 40.00 Federal owned U	H 40.00 Federal owned U A A
L 40.00 Fee owned U	K 40.00 Federal owned U A A A C A	J 40.00 Federal owned U	I 40.00 Federal owned U
M 40.00 Federal owned U	N 40.00 Federal owned U C	O 40.00 Federal owned U A	P 40.00 Federal owned U

CMD : ONGARD 08/09/04 09:39:52
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPVY

API Well No : 30 39 27625 Eff Date : 05-22-2004 WC Status : N
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Prop Idn : 17212 ROSA UNIT COM

Well No : 129B
GL Elevation: 6360

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : M 34 32N 06W FTG 1290 F S FTG 400 F W P
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 08/09/04 09:39:57
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPVY
 Page No : 1

API Well No : 30 39 27625 Eff Date : 10-28-2000
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 17212 ROSA UNIT COM Well No : 129B
 Spacing Unit : 53669 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : 34 32N 06W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
C	34	34	32N	06W	40.00	N	FD		
D	34	34	32N	06W	40.00	N	FE		
E	34	34	32N	06W	40.00	N	FE		
F	34	34	32N	06W	40.00	N	FD		
K	34	34	32N	06W	40.00	N	FD		
L	34	34	32N	06W	40.00	N	FE		
M	34	34	32N	06W	40.00	N	FD		
N	34	34	32N	06W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078772 PM 3: 13	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE <input checked="" type="checkbox"/> ZONE MULTIPLE <input type="checkbox"/> ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 070-0000000, NMI	
2. NAME OF OPERATOR Williams Production Company, LLC		7. UNIT AGREEMENT NAME Rosa Unit COM	
3. ADDRESS OF OPERATOR P.O. Box 316 - Ignacio, Colorado 81137 - Phone (970) 563-3308		8. FARM OR LEASE NAME, WELL NO. 129B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface 1660' FSL & 1875' FWL At proposed Prod. Zone 1290' FSL & 400' FWL		9. API WELL NO. 30 039 27625	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* ~27 miles NE of Blanco, NM		10. FIELD AND POOL OR WILDCAT Blanco Mesaverde	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 400'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA K Sec. 34, T32N, R6W	
16. NO. OF ACRES IN LEASE 2561.86		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 - W/2		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 25'		19. PROPOSED DEPTH 6475'	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* April 30, 2004	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6360' GR			

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36.0#	+/- 250'	~205 cu.ft. Type III with 2% CaCl ₂
8-3/4"	7"	20.0#	+/- 4004'	~1063 cu.ft. 65/35 poz & ~70 cu.ft. Type
6-1/4"	4-1/2"	10.5#	+/- 3904'-6475'	~317 cu.ft. Prem. Lite HS w/additives

Williams Production Company, LLC proposes to drill a directional well to develop the Mesa Verde formation at the above described location in accordance with the attached drilling and surface use plans.

This location has been archaeologically surveyed by Independent Contract Archaeology. Copies of their report have been submitted directly to your office.

This APD also is serving as an application to obtain BLM road and pipeline right-of-ways. This well will require no new access road (see Pipeline & Well Plats #3 & #4). The well will share a location with the RU #129, RU#129A #RU#358. This location is accessed by an existing road that crosses the S/2 sec 34, the S/2 sec 35, SW and N/2 sec 36, T31N, R6W, NE qtr sec 31 and into the NW qtr of sec 32, T32N, R5W where it joins "Rosa Road."

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Larry Higgins TITLE Larry Higgins, Drlg COM DATE 2/20/2004

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE AFM DATE 5-21-04

*See Instructions On Reverse Side

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 C104 FOR Directional Survey
DRILLING OPERATORS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

NMOCD

This action is subject to technical and procedural review pursuant to 43 CFR 3165.6 and appeal pursuant to 43 CFR 3165.4

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 LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-27625		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 17033	*Property Name ROSA UNIT COM		*Well Number 129B
*GRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6360

10 Surface Location

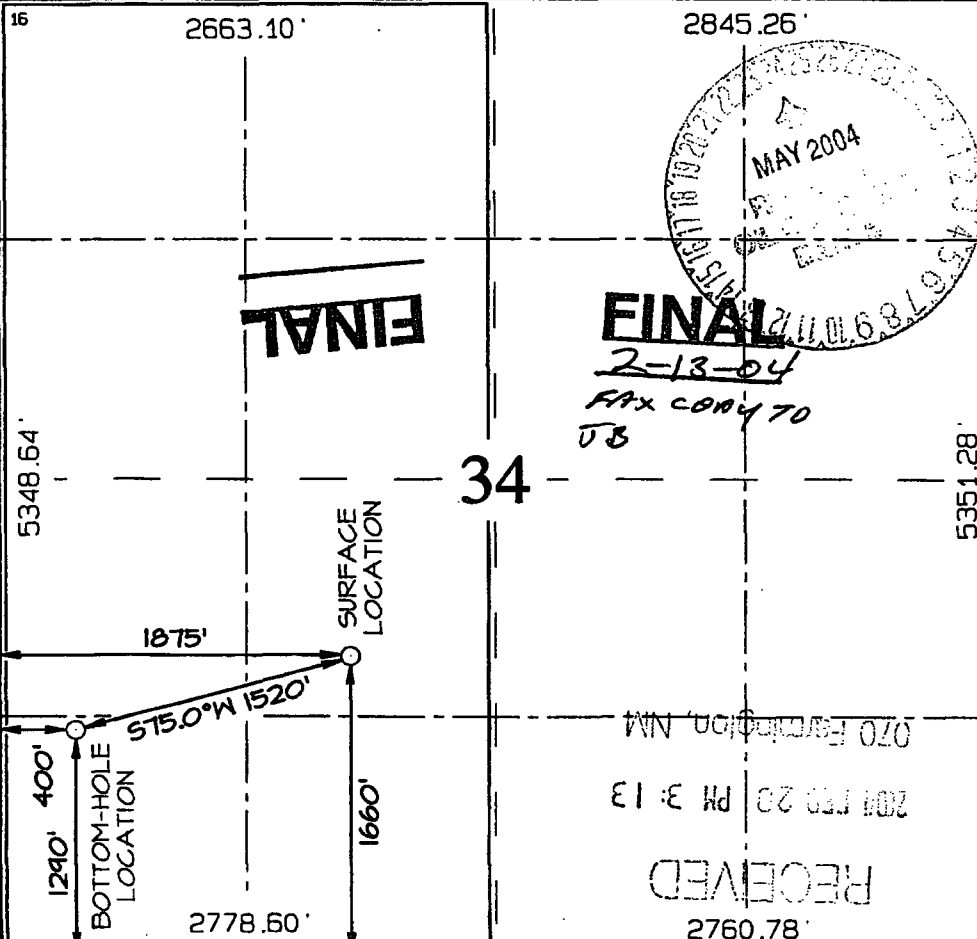

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	34	32N	6W		1660	SOUTH	1875	WEST	RIO ARriba

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
M	34	32N	6W		1290	SOUTH	400	WEST	RIO ARriba

12 Dedicated Acres 320.0 Acres - (W/2)	13 Joint or Infill	14 Consolidation Code	15 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

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Larry Higgins</i> Signature</p> <p>LARRY HIGGINS Printed Name</p> <p>DRILLING COM Title</p> <p>2-20-04 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <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>Revised: FEBRUARY 10, 2004 Date of Survey: MARCH 28, 2002</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p>JASON C. EDWARDS Certificate Number 15269</p>



WILLIAMS PRODUCTION COMPANY

Operations Plan

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

DATE: 2/20/2004 **FIELD:** Blanco MV
WELL NAME: Rosa Unit #129B **SURFACE:** FED
BH LOCATION: SWSW Sec 34-32N-6W **MINERALS:** FED
Rio Arriba, NM
SURF. LOCATION: NESW Sec 34-32N-6W
ELEVATION: 6,360' GR **LEASE #** SF-078772
MEASURED DEPTH: 6,475'

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

Name	TVD	MD	Name	TVD	MD
Ojo Alamo	2,329	2,582	Cliff House	5,374	5,775
Kirtland	2,439	2,717	Menefee	5,424	5,825
Fruitland	2,864	3,226	Point Lookout	5,619	6,020
Picture Cliffs	3,129	3,517	Mancos	5,989	6,390
Lewis	3,454	3,853	TD	6,074	6,475

B. MUD LOGGING PROGRAM: None

C. LOGGING PROGRAM: Cased Hole Logs

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 rams will be tested to 1500 psi. The surface and intermediate casing strings will be pressure tested to 1500 psi in conjunction with the BOP 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 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	12-1/4"	+/- 250'	9-5/8"	36# K-55
Intermediate	8-3/4"	+/- 4004'	7"	20# K-55
Prod. Liner	6-1/4"	+/- 3904'-6475'	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 float collar one joint above the shoe. Install one Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (4) joints to the surface casing. Total centralizers = (26) regular and (3) turbulent.
3. PRODUCTION CASING: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20" bottom joint. Place marker joint above 5630'. Place one positive standoff turbolizer every other joint. Total turbolizers is 34.

C. CEMENTING:

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

1. SURFACE: Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl₂ + 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 - 510 sx (1063) 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 (70cu.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 = 1133 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 (130ft³) 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: 90 sx (187 ft³) 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 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 317 ft³. WOC 12 hours

Williams Production Company, LLC

Well Control Equipment Schematic for 2M Service

Attachment to Drilling Technical Program

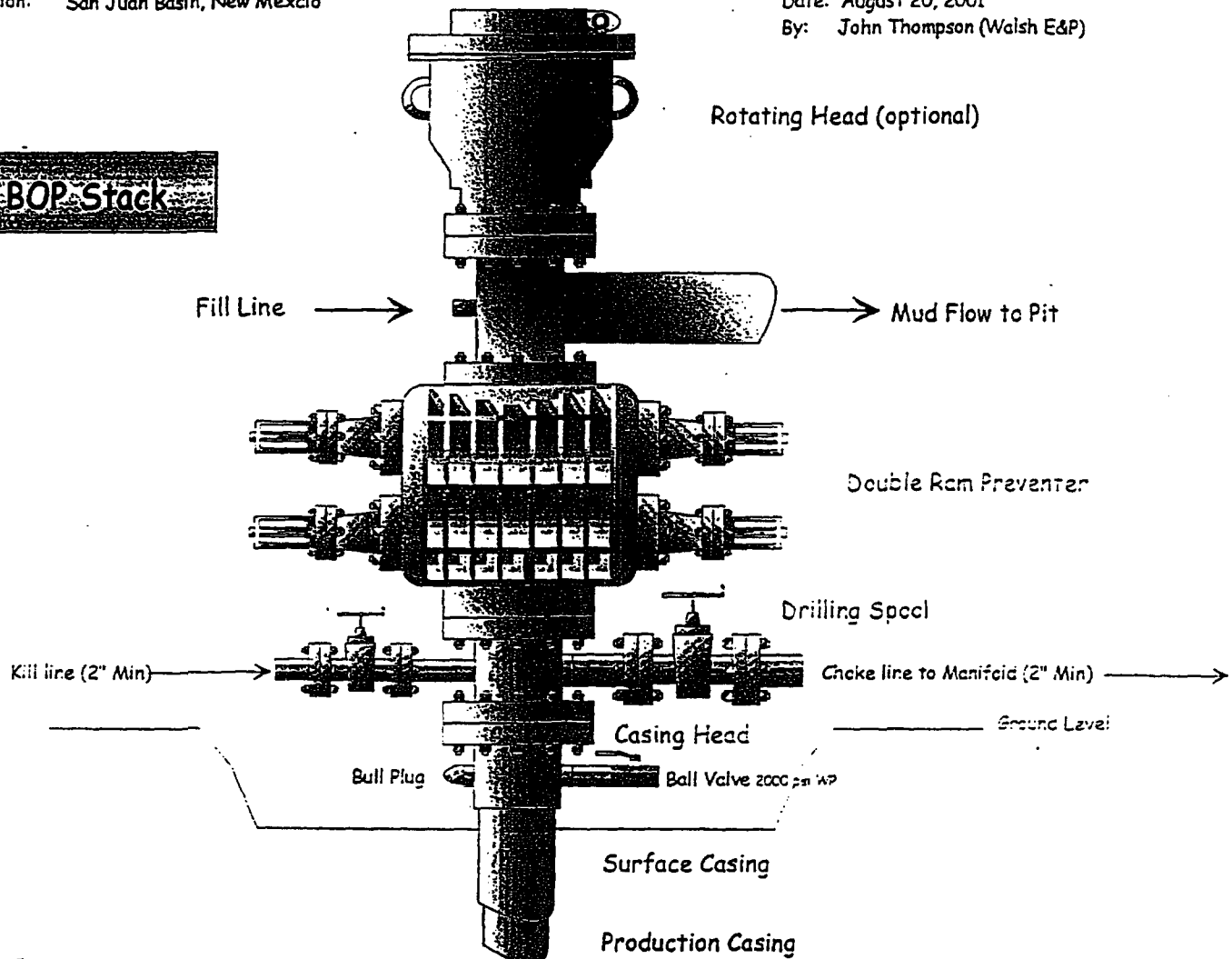
Typical BOP setup

Location: San Juan Basin, New Mexico

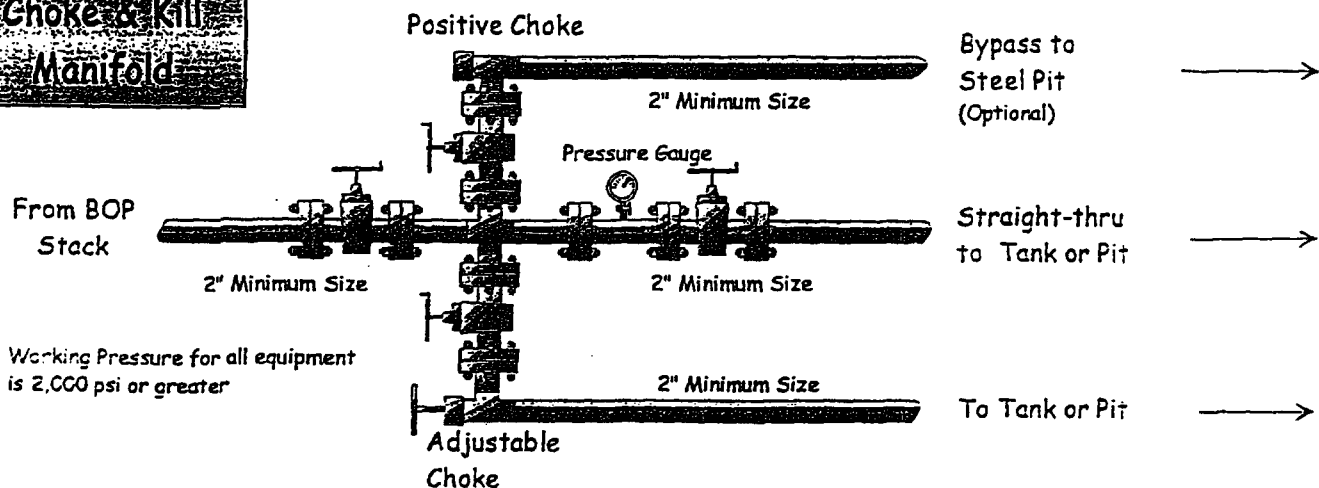
Date: August 20, 2001

By: John Thompson (Walsh E&P)

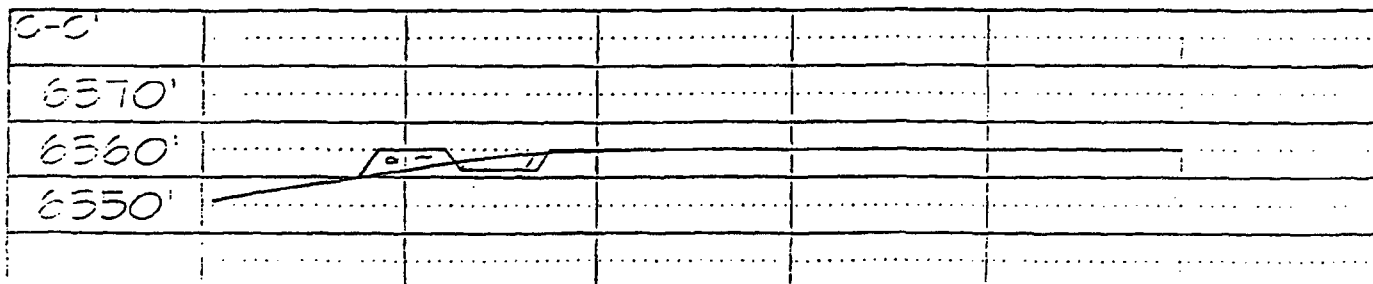
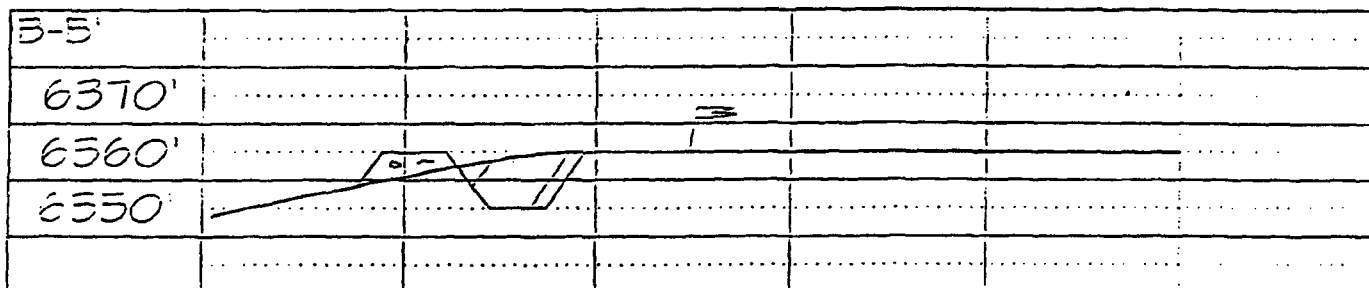
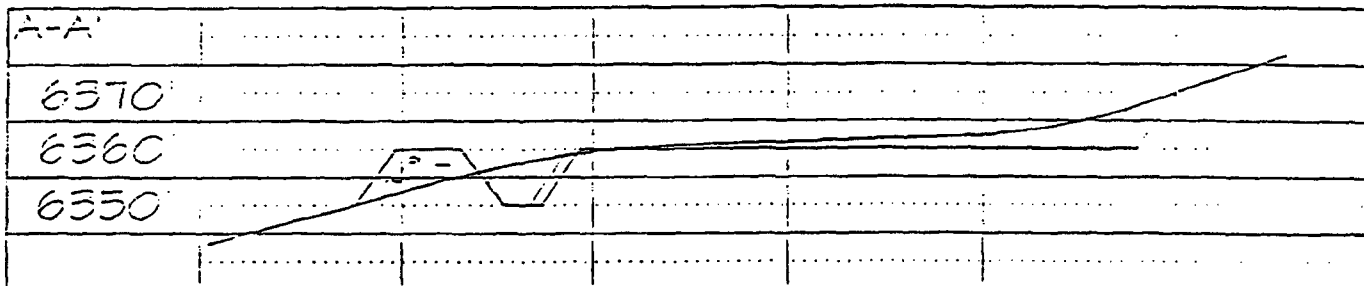
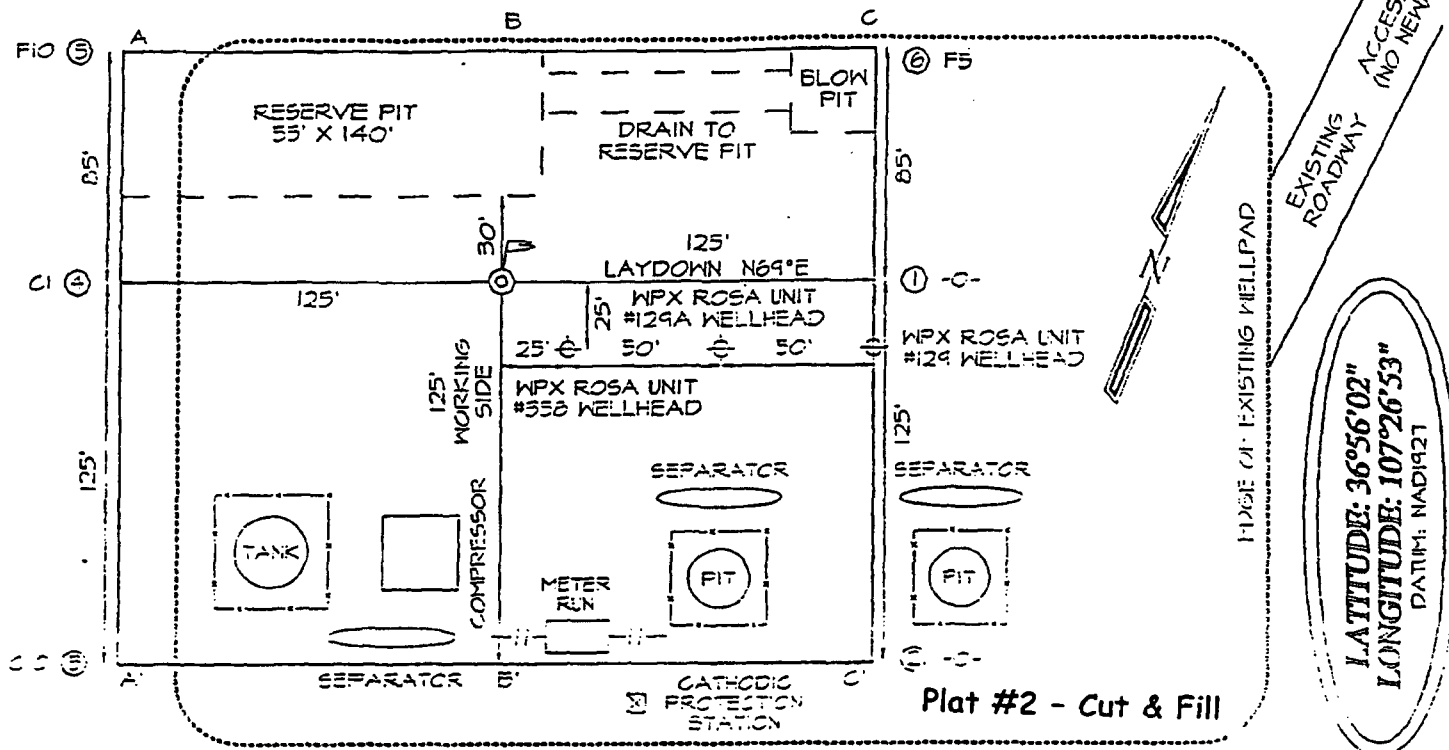
BOP Stack



Choke & Kill Manifold



WILLIAMS PRODUCTION COMPANY ROSA UNIT. LOM #129B
1660' FSL & 1875' FWL, SECTION 34, T32N, R6W, NMPM
RIO ARriba COUNTY, NEW MEXICO
GROUND ELEVATION: 6360'



CMD : ONGARD 08/09/04 09:39:10
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPVY

API Well No : 30 39 26304 Eff Date : 11-03-2000 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Prop Idn : 17212 ROSA UNIT COM

Well No : 129
GL Elevation: 6357

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : D 34 32N 06W FTG 1321 F N FTG 863 F W P
Lot Identifier:
Dedicated Acre: 320.00
Lease Type : P
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD
OG6ACRE C102-DEDICATE ACREAGE

08/09/04 09:39:19
OGOMES -TPVY
Page No : 1

API Well No : 30 39 26304 Eff Date : 10-28-2000
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 17212 ROSA UNIT COM
Spacing Unit : 53669 OCD Order :
Sect/Twp/Rng : 34 32N 06W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
C	34	32N	06W	40.00	N	FD				
D	34	32N	06W	40.00	N	FE				
E	34	32N	06W	40.00	N	FE				
F	34	32N	06W	40.00	N	FD				
K	34	32N	06W	40.00	N	FD				
L	34	32N	06W	40.00	N	FE				
M	34	32N	06W	40.00	N	FD				
N	34	32N	06W	40.00	N	FD				

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

08/09/04 09:39:28
OGOMES -TPVY
Page No: 1

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 39 26304 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30	39 26304 ROSA UNIT COM	01 03 31	5963	F
30	39 26304 ROSA UNIT COM	02 03 28	5512	F
30	39 26304 ROSA UNIT COM	03 03 31	5894	F
30	39 26304 ROSA UNIT COM	04 03 30	5310	F
30	39 26304 ROSA UNIT COM	05 03 31	5827	F
30	39 26304 ROSA UNIT COM	06 03 30	5201	F
30	39 26304 ROSA UNIT COM	07 03 31	4648	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/09/04 09:39:30
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPVY
 Page No: 2

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 26304 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26304	ROSA UNIT COM	08 03 31	4724	F
30 39 26304	ROSA UNIT COM	09 03 30	4333	F
30 39 26304	ROSA UNIT COM	10 03 31	4218	F
30 39 26304	ROSA UNIT COM	11 03 30	4907	F
30 39 26304	ROSA UNIT COM	12 03 31	5221	F
30 39 26304	ROSA UNIT COM	01 04 31	5614	F
30 39 26304	ROSA UNIT COM	02 04 29	4507	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

08/09/04 09:39:31
OGOMES -TPVY
Page No: 3

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 26304 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30	39 26304 ROSA UNIT COM	03 04 31	5143	F
30	39 26304 ROSA UNIT COM	04 04 30	4810	F
30	39 26304 ROSA UNIT COM	05 04 31	4360	F

Reporting Period Total (Gas, Oil) : 86192 160

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, 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

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address. Williams Production Company P.O. Box 3102, MS 37-2, Tulsa, OK 74101		2 OGRID Number 120782
4 Property Code 17033		3 API Number 30-039-26304
5 Property Name Rosa Unit		6 Well No. 129

7 Surface Location

U.L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the East/West line	County
K	34	32N	6W		1700'	South	2010'	Rio Arriba

8 Proposed Bottom Hole Location If Different From Surface

U.L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
10	34	32N	6W		1700'	North	1000'	West	Rio Arriba

9 Proposed Pool Blanco Mesa Verde	10 Proposed Pool 2
--------------------------------------	--------------------

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary Rotary	14 Lease Type Code P	15 Ground Level Elevation 6357' GR
16 Multiple No	17 Proposed Depth 6059' KB	18 Formation Blanco Mesa Verde	19 Contractor Aztec Well Service	20 Spud Date April 1, 2000

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8" K-55	36#	500' KB	255 sx (352 cuft)	Surface
8-3/4"	7" K-55	20#	4085' KB	545 sx (1227cuft)	Surface
6-1/4"	4-1/2"	10.5#	3985' - 6059' KB	320 sx (458 cuft)	Top of Liner

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Williams Exploration & Production proposes to drill a directional well with an 12-1/4" hole with water & benex to approx. 500' KB and set 9-5/8" 36# K55 surface casing, cement to surface with 255 sx of Class Type III, 2% CaCl2 (352 cu ft). Then drill 8-3/4" hole to 4085' KB, set 7" K-55 casing. Cement Lead with 520 sx (1088 cu ft) of Premium Lite Poz/Type III, 35/65 with 8% gel, 1% CaCl2; Cement Tail with 220 sx (309 cuft) of class Type III with, 1% CaCl2. Drill 6-1/4" hole to 6059'KB, set 4-1/2" K-55 casing, set production liner, cement Lead with 80 sx of Poz/Class H, 50/50, cement Tail with 240 sx (343 cu ft) of Poz/Class H, 50/50. Run cased hole log (TMDL). While drill pipe in use run not less than one BOP test per day. Set 9-5/8" 36# K-55 production casing from 500'KB to surface, set 7", 20# K-55 casing from 500'KB to 4085'KB, and set 4-1/2" 10.5# K-55 casing from 3985'KB to 6059'KB. Top of cement should circulate to surface (will adjust volumes based upon caliper log). A cement bond log will be run across all intervals to be perforated & find top of cement behind all casing strings. Pressure test 7" & 4-1/2" casing to 3300# for 15 minutes. Run 2-3/8", 2.9#, J-55 EUE tubing with a SN (1.91" ID) on top of bottom joint. Land tubing 25' above bottom Point Lookout perforations. Will test Mesa Verde through perforated casing. Will fracture stimulate and put on for production test. Surface ownership is Federal (BOR). Will negotiate with surface owner for approval to use surface. Formation tops: Ojo Alamo- 2342', Kirtland-2457', Fruitland-2917', Pictured Cliffs 3167', Lewis 3467', Cliff House 5352', Menefee 5402', Point Lookout 5632', Mancos 5932', TD 6059', all KB.

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

Signature:

Printed name: Steve Nelson

Title: Agent, Nelson Consulting, Inc.

Date: January 7, 2000

Phone: 505-327-6331

OIL CONSERVATION DIVISION

Approved by:

Title:

SUPERVISOR DISTRICT # 3

Approval Date:

JAN 14 2000

Expiration Date:

JAN 14 2001

Conditions of Approval:

Attached

HOLD C104 FOR W. Survey

02/16/99

14:40

NO.691 006

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26304	*Pool Code 72319	*Pool Name Blanco - Mesa Verde
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 129
*OGRID No. 20782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 5357'

10 Surface Location

U. or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
K	34	32N	6W		1700	SOUTH	2010	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

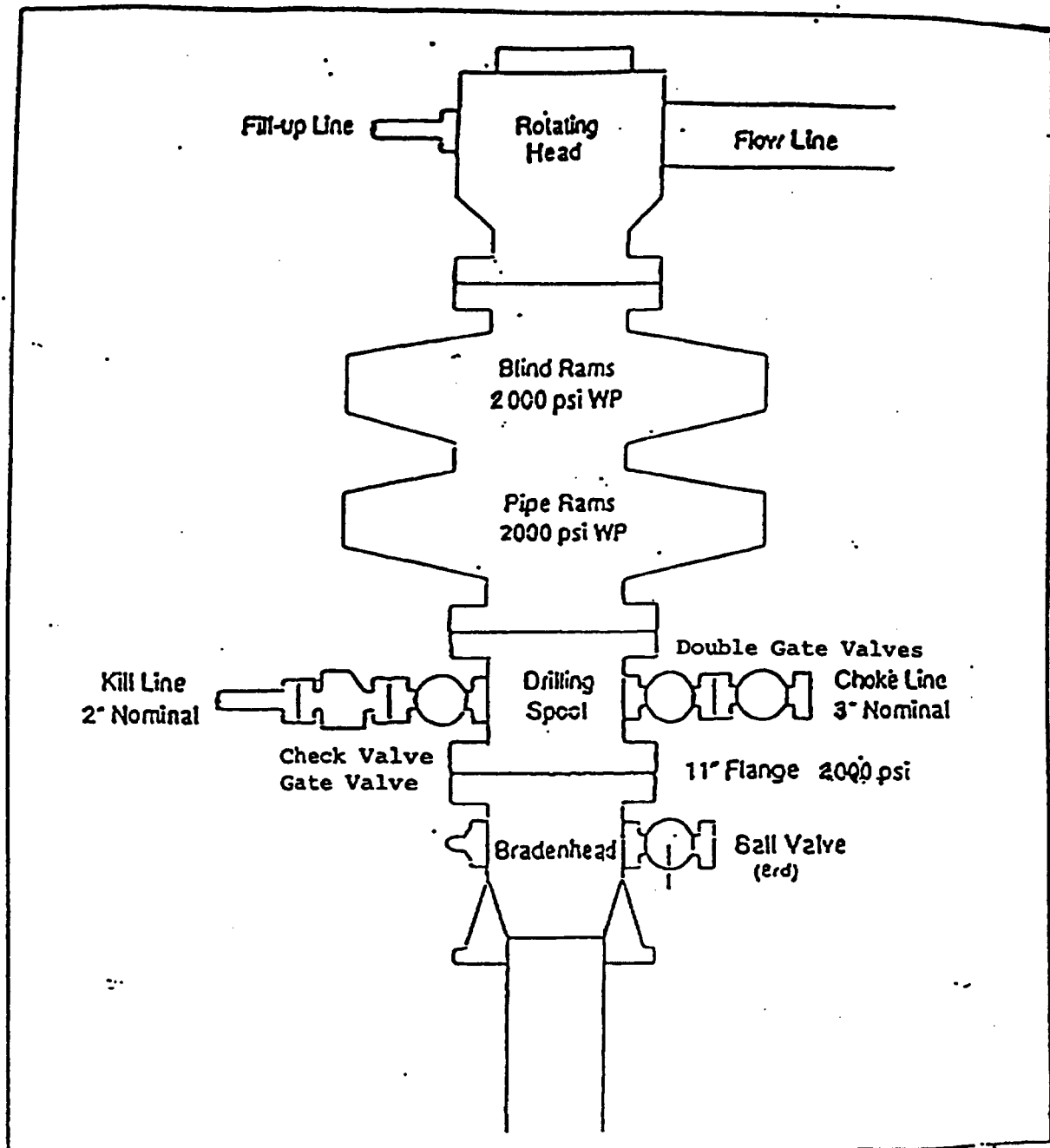
U. or lot no.	Section	Township	Range	Lat Lon	Feet from the	North/South line	Feet from the	East/West line	County
E D	34	32N	6W		1700	NORTH	1000	WEST	RIO ARriba
12 Dedicated Acres 320 W/2		13 Joint or Drilling I		14 Consolidation Code II		15 Order No.			

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

	<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>Signature Steve Nelson</p> <p>Printed Name Agent, Nelson Consulting</p> <p>Title January 7, 2000</p> <p>Date</p>
	<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>FEBRUARY 9, 1999</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857</p> <p>Certificate Number 6857</p>

EXHIBIT 1

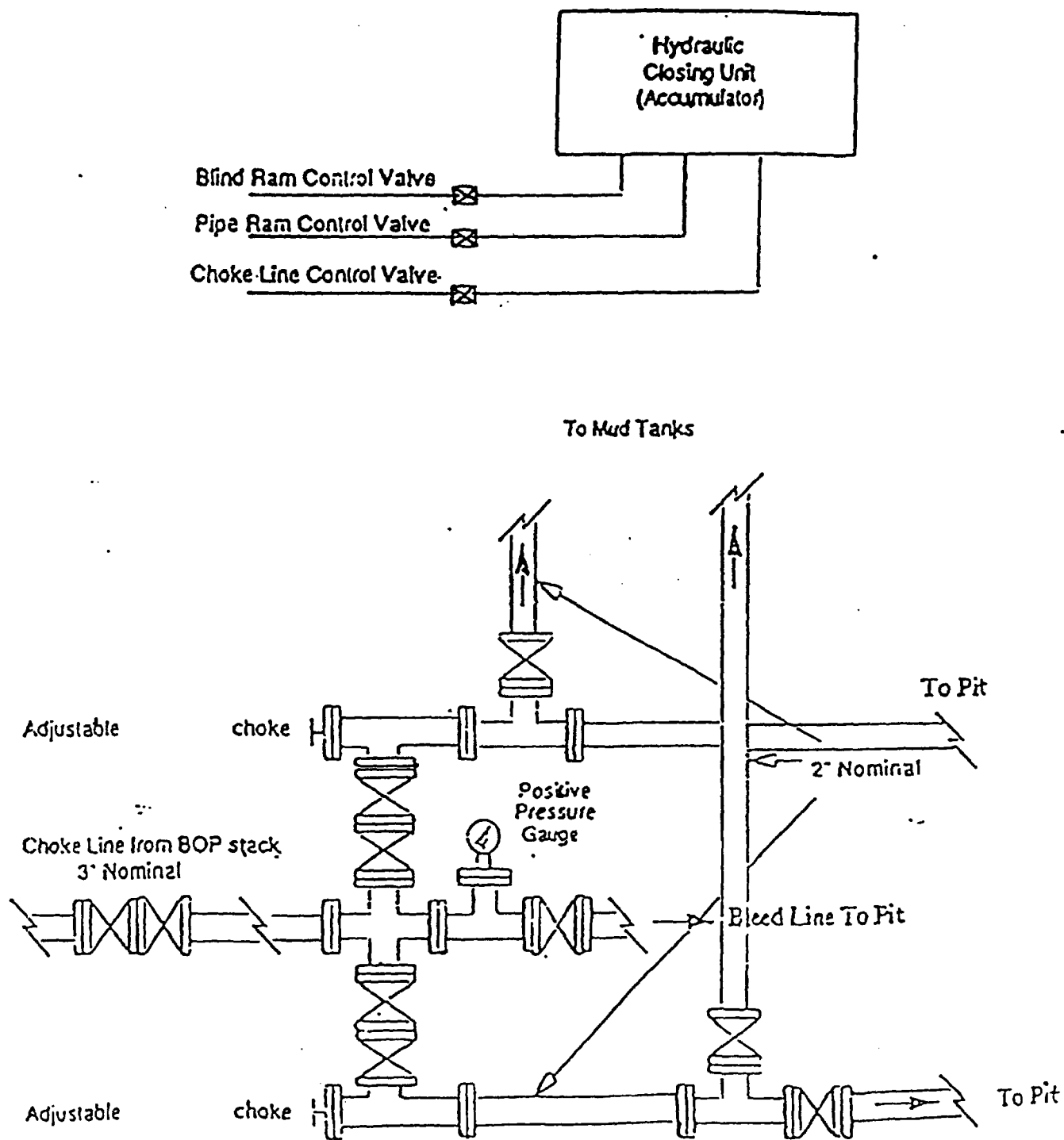
BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 1500 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock with handle, floor safety valve with change overs for each tool joint in the string, and choke manifold all rated to 2000 psi.

EXHIBIT 2

Choke Manifold & Accumulator Schematic



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

DISTRICT II
811 South First, Artesia NM 88210

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

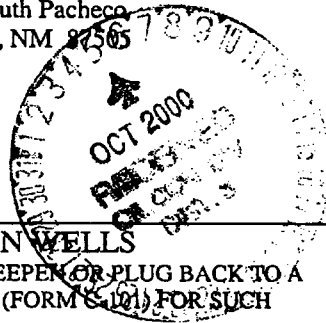
State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised 1-1-89

WELL API NO.	30-039-26304
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.	129
9. Pool name or Wildcat	BLANCO MV



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 6-101) 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 (Surface) Unit letter <u>K</u> : 1700 feet from the <u>SOUTH</u> line & 2010 feet from the <u>WEST</u> line Sec 34-32N-06W RIO ARRIBA, NM	
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6357' 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. Spud

PLUG AND
ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

OTHER:

OTHER:

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.

This well was spud @ 0430 hrs 10/01/00

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

SIGNATURE Tracy Ross TITLE: PRODUCTION ANYALST DATE: October 2, 2000

Type or print name TRACY ROSS

Telephone No: (918) 573-6254

(This space for State use)

APPROVED
BY ORIGINAL SIGNED BY CHARLIE T. PEPPIE

DEPUTY OIL & GAS INSPECTOR, DIST. JS

TITLE

DATE

OCT - 5 2000

Conditions of approval, if any:

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

DISTRICT II
811 South First, Artesia NM 88210

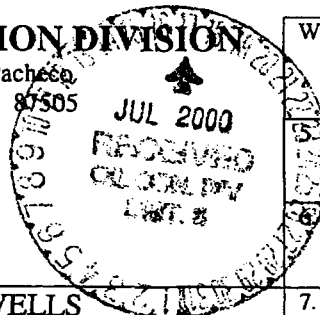
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505



WELL API NO. 30-039-26304	
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. 129	
9. Pool name or Wildcat BLANCO MV	

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 (Surface) Unit letter <u>K</u> : 1700 feet from the <u>SOUTH</u> line & 2010 feet from the <u>WEST</u> line Sec 34-32N-06W RIO ARRIBA, NM	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6357' 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: CHANGE WELL NAME

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 change the lease name on the above well from the Rosa Unit #129 to the Rosa Unit Com #129 172.2

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: July 13, 2000

Type or print name TRACY ROSS Telephone No: (918) 573-6254

(This space for State use)

APPROVED Original Signed by STEVEN N. HAYDEN DEPUTY OIL & GAS INSPECTOR, DIST. 1

BY _____ TITLE _____ DATE JUL 21 2000

Conditions of approval, if any:

Surface Location:

1700' FSL and 2010' FWL
NE/4 SW/4 Sec 34(K), T32N, R6W
Rio Arriba, NM

Bottom Hole Location:

1389' FSL and 863' FWL
SW/4 NW/4 Sec 34(E), 32N, 6W
Rio Arriba, NM

Elevation: 6357' GR

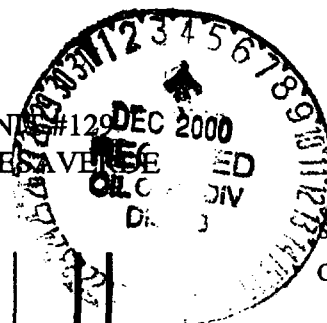
<u>Top</u>	<u>MD</u> <u>Depth</u>
Pictured Cliffs	3859'
Lew.s	4328'
Cliffhouse Ss.	6180'
Menefee	6227'
Point Lookout	6453'

Stimulation:

CH/Menefee: Frac with 80,000#
20/40 sand in 1961 bbl s slick water.
Total 28 (0.38") holes

Point Lookout: Frac with 80,000#
20/40 sand in 1956 bbls slick water.
Total 20 (0.38") holes

ROSA UNIT #129
BLANCO MESA VERDE



Spud 10-01-00

Completed 11-03-00

11 jts 9-5/8", 36#, K-55, LT&C @ 504'.
Cemented with 255 sxcm

212 jts of 2-3/8", 4.7#, J-55, 8rd EUE tbw with
1/2" mule shoe on bottom and SN 1 jt up.
Landed @ 6626'

Liner top @ 4003'

89 jts 7", 20#, K-55, ST&C @ 4175'.
Float @ 4129'. Cemented with 660 sx
cmt

61 jts 4-1/2", 10.5#, K-55
ST&C csg. Landed @ 4003' -
6790'. Latch collar @ 6765'
& marker jt @ 5840'.
Cemented with 320 sx cmt

5231'

6436'

6464'

6691'

PBTD @ 6595' MD 5768' TVD
TD @ 6791' MD 5961' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	36# K-55	255 sx	352 cu. ft.	Surface
8-3/4"	20# K-55	660 sx	1126 cu. ft.	Surface
6-1/4"	10.5# K-55	320 sx	458 cu. ft.	4003'

Submit To Appropriate District Office

State Lease - 6 copies

Fee Lease - 5 copies

District I

1625 N. French Dr., Hobbs, NM 87240

District II

811 South First, Artesia, NM 87210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

WELL API NO.

30-039-26304

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No. 120782

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER RESVR. ☐

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 37-2 TULSA, OK 74101

4. Well Location

Unit Letter K: 1700 Feet From The SOUTH Line and 2010 Feet From The WEST LineSection 34 Township 32N Range 06W NMPM RIO ARRIBA County10. Date Spudded
10/01/0010. Date T.D. Reached
10/14/0011. Date Compl. (Ready to Prod.)
11/03/0012. Elevations (DF& R(B. RT, GR, etc.)
6357' GR

14. Elev. Casinghead

15. Total Depth
6791' MD
5961' TVD16. Plug Back T.D.
6595' MD
5768' TVD17. If Multiple Compl. How Many
Zones?18. Intervals
Drilled ByRotary Tools
X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
5231' - 6691'20. Was Directional Survey Made
Yes21. Type Electric and Other Logs Run
CBL, TMDL

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	504'	12 1/4"	255 sx	
7"	20#	4175'	8 3/4"	660 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4 1/2"	4003'	6790'	320 sx	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	6626'	

26. Perforation record (interval, size, and number)

Lewis/CH/menefee: 5231', 39', 5404', 26', 33', 39', 44', 54', 5547', 87', 6109',
52', 6200', 32', 51', 63', 68', 73', 77', 80', 85', 94', 6307', 19', 56', 84', 6432' &
36'. Total 28 (0.38") holes
Point Lookout: 6464', 68', 73', 76', 81', 84', 96', 6502', 12', 17', 22', 34', 37', 68',
79', 6603', 64', 82', 85' & 91'. Total 20 (0.38") holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5231' - 6436'	80,000# 20/40 Sand in 1961 bbls slick water
6464' - 6691'	80,000# 20/40 Sand in 1956 bbls slick water

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) SI waiting on pipeline		
Date of Test 11/05/00	Hours Tested 3 hrs	Choke Size 3/4"	Prod'n For Test Period	Oil - Bbl	Gas - MCF 506	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 305	Casing Pressure 820	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF 4,046	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

To be sold

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Tracy Ross

Printed

Name

TRACY ROSS

Title Production Analyst

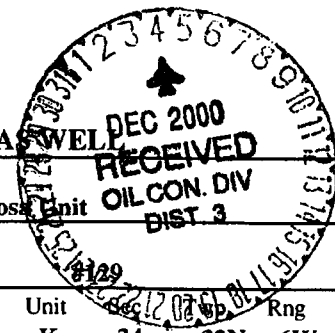
Date 11/29/00

INSTRUCTIONS

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Operator Williams Production Company				Lease or Unit Name Rosa Unit			
Test Type X Initial Annual Special			Test Date 11/5/2000		Well Number		
Completion Date 11/3/2000		Total Depth 6791'		Plug Back TD 6595'		Elevation 6357'	
Casing Size 4 1/2"		Weight 10.5#		Set At 6791'		Perforations: 5231' - 6436'	
Tubing Size 2-3/8"		Weight 4.7#		Set At 6626'		Perforations: 6464' - 6691'	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At		Formation MV	
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa	
Connection		L		H		Gq	
%		CO2		N2		H2S	
Prover 3/4"		Meter Run		Taps			

FLOW DATA					TUBING DATA		CASING DATA		
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI		2" X 3/4"			1015	42	1010		0
1					317	59	920		0.5 hr
2					324	63	888		1.0 hr
3					320	65	867		1.5 hrs
4					313	66	846		2.0 hrs
5					305	66	820		3.0 hrs

RATE OF FLOW CALCULATION									
NO	Coefficient (24 Hours)			hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604				317	0.9943	1.29	1.036	4046
2									
3									
4									

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration				Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____				Deq.
2					Specific Gravity Separator _____				XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx				
4					Critical Pressure _____ p.s.i.a.				_____ p.s.i.a.
5					Critical Temperature _____ R				_____ R

Pc	1022	Pc2	1044484						
NO	Pt1	Pw	Pw2	Pc2-Pw2	(1) Pc2 =		(2) Pc2^n =		
1		832	692224	352260	Pc2-Pw2	2.965094	Pc2^n	2.2595858	
2									
3									
4									

Absolute Open Flow 9141		Mcf/d @ 15.025		Angle of Slope _____		Slope, n 0.75	
Remarks:							
Approved By Commission:		Conducted By: Matt Crane		Calculated By: Tracy Ross		Checked By: David Spitz	

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

DISTRICT II
811 South First, Artesia NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised 1-1-89

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)		WELL API NO. 30-039-26304
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator WILLIAMS PRODUCTION COMPANY		6. State Oil & Gas Lease No. 120782
3. Address of Operator P O BOX 3102, MS 37-2, TULSA, OK 74101		7. Lease Name or Unit Agreement Name: ROSA UNIT
4. Well Location (Surface) Unit letter <u>K</u> : 1700 feet from the <u>SOUTH</u> line & 2010 feet from the <u>WEST</u> line Sec 34-32N-06W RIO ARRIBA, NM		8. Well No. 129
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6357' GR		9. Pool name or Wildcat BLANCO MV

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	X
OTHER:		OTHER:	

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.

09-30-2000 Rig down, move, and rig up. Drilling rat and mouse holes at report time

10-01-2000 Finish drilling rat and mouse holes. Drilled an 8-3/4" pilot hole to 135'. Spudded 12-1/4" surface hole at 0430 hrs 10/1/00. Drilling ahead

Continued on back

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: October 17, 2000

Type or print name TRACY ROSS Telephone No: (918) 573-6254

(This space for State use)

APPROVED BY ORIGINAL SECRETARY OF ENERGY DEPUTY OIL & GAS SUPERVISOR OCT 23 2000
BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

10-02-2000 TD surface hole with bit #2 (12-1/4", RR) at 520'. Circulate and TOH. Ran 11 joints (492.28') of 9-5/8" 36#, K-55, LT&C casing and set at 504' KB. BJ cemented with 255 sx (352 cu.ft.) of Type III RMS with 2% CaCl₂ and 1/4# cello-flake/sk. Displaced plug with 38 bbls of water. Plug down at 0115 hrs 10/2/00. Circulated out 5 bbls of cement. WOC. Nipple up BOP'S

10-03-2000 Nipple up BOP'S and pressure test to 1500 psi – held OK. TIH with bit #3 (8-3/4", HTC, GT09C). Drilled cement and new formation with water and polymer. Drilling ahead

10-04-2000 Drilling ahead with bit #3 (8-3/4", HTC, GT09C). Cuttings built up in the hole. Mixed and pumped gel sweeps to clean hole. Started to mud up at approximately 1700'. Hole is clean with very little extra drag

10-05-2000 Drilling ahead with bit #3 (8-3/4", HTC, GT09C). Slowing penetration rate for the Ojo Alamo

10-06-2000 Trip for bit #3 (8-3/4", HTC, GT09C) at 3026'. TIH with bit #4 (8-3/4", HTC, GT09C). Orientate tools and ream 105' to bottom. Continue drilling

10-07-2000 Drilling ahead with bit #4 (8-3/4", HTC, GT09C)

10-08-2000 TD intermediate hole with bit #4 (8-3/4", HTC, GT09C) at 4179'. Condition mud. Start LDDP

10-09-2000 LDDP and DC's. Change out rams and rig up casing crew. Ran 89 jts. (4177.88') of 7", 20#, K-55, ST&C casing and landed at 4175' KB. Float at 4129'. Rig up BJ and precede cement with 10 bbls of water and 10 bbls of scavenger cement. Cemented with 445 sx (825 cu.ft.) of Type III 50/50 poz with 8% gel, 1% CaCl₂ and 1/4# celloflake/sk. Tailed with 215 sx (301 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl₂. Displaced plug with 166 bbls of water. Plug down at 1630 hrs 10/8/00. Circulated out 20 bbls of cement. Set slips with 75,000# and cutoff casing. WOC. Start rig repair (right angle drive) at 0430 hrs 10/9/00

10-10-2000 Repair right angle drive. Pick up bit #5 (6-1/4", HTC, STR09) on 3-1/2" DP. TIH and unload well at 2280'. Continue picking up 3-1/2" DP

10-11-2000 TIH with bit #5 (6-1/4", HTC, STR09) on 3-1/2" DP. Unload hole with air. Drilled cement and dried up hole. Drilling ahead with air at 1500 hrs 10/10/00. Right angle drive still not working right

10-12-2000 Pull up into intermediate casing and shut down to repair right angle drive and sprocket. TIH and continued drilling with air. Ran survey and added 2 sx. of graphite to DP. DP became stuck. Working stuck pipe

10-13-2000 Work stuck pipe free and blow hole clean. Continue drilling ahead with air

10-14-2000 Drilling ahead with air and bit #5 (6-1/4", HTC, STR09)

10-15-2000 TD well with air and bit #5 (6-1/4", HTC, STR09) at 6791'. Blow hole clean and TOH. LDDC. Rig up casing crew and run 61 jts. (2786.86') of 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x 7" liner hanger on drill pipe and landed at 6790' KB. Latch collar at 6765' KB and marker joint at 5840' KB. Top of liner at 4003' - 171' of overlap into 7". Rig up BJ. Hold safety meeting. Cement with 80 sx (114 cu.ft.) of CI "H" 50/50 poz w/ 4% Gel, 1% CaCl₂, and 0.4% FL-50. Tailed with 240 sx (344 cu.ft.) of CI "H" 50/50 poz with 4% Gel, 1% CaCl₂, 0.4% FL-50, 1/4#sk celloflake and 4% Phenoseal. Displaced plug with 72 bbls of water. Plug down at 2200 hrs 10/14/00. Set pack-off and circulate out 15 bbls of cement. Lay down DP and TIW setting tool. ND BOP's. Rig released at 0600 hrs. 10/15/00

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-104B
March 19, 2001

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to
appropriate District Office

Change of Operator Name

OGRID: 120782
Effective Date: _____

Previous Operator Name and Information:

Name: Williams Production Company
Address: One Williams Center
Address: P.O. Box 3102
City, State, Zip: Tulsa, OK 74101

New Operator Name and Information:

New Name: Williams Production Company LLC
Address: One Williams Center
Address: P.O. Box 3102
City, State, Zip: Tulsa, OK 74101

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: Tracy Ross
Printed name: Tracy Ross
Title: Production Analyst
Date: 4/30/01 Phone: 918/573-6881



NMOCD Approval

Signature: _____
Printed Name: _____
District: _____
Date: _____

CMD : ONGARD 08/09/04 09:38:41
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPVY

API Well No : 30 39 26297 Eff Date : 10-28-2000 WC Status : A
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 OGRID Idn : 120782 WILLIAMS PRODUCTION COMPANY, LLC
 Prop Idn : 17212 ROSA UNIT COM

Well No : 129A
 GL Elevation: 6357

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : K 34 32N 06W FTG 1680 F S FTG 1965 F W P
 Lot Identifier:
 Dedicated Acre: 320.00
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : U

E6317: No more recs. for this api well no.
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

08/09/04 09:38:46
OGOMES -TPVY
Page No : 1

API Well No : 30 39 26297 Eff Date : 10-28-2000
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 17212 ROSA UNIT COM
Spacing Unit : 53669 OCD Order :
Sect/Twp/Rng : 34 32N 06W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base U/L Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
C	34	32N	06W	40.00	N	FD	
D	34	32N	06W	40.00	N	FE	
E	34	32N	06W	40.00	N	FE	
F	34	32N	06W	40.00	N	FD	
K	34	32N	06W	40.00	N	FD	
L	34	32N	06W	40.00	N	FE	
M	34	32N	06W	40.00	N	FD	
N	34	32N	06W	40.00	N	FD	

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

08/09/04 09:38:57
OGOMES -TPVY
Page No: 1

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 26297 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 26297 ROSA UNIT COM	01 03 31	5731	F
30	39 26297 ROSA UNIT COM	02 03 28	5124	F
30	39 26297 ROSA UNIT COM	03 03 31	5840	F
30	39 26297 ROSA UNIT COM	04 03 30	5094	F
30	39 26297 ROSA UNIT COM	05 03 31	6058	F
30	39 26297 ROSA UNIT COM	06 03 30	5433	F
30	39 26297 ROSA UNIT COM	07 03 31	4317	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 08/09/04 09:39:00
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPVY
 Page No: 2

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 26297 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 26297 ROSA UNIT COM	08 03 31	4536	80 F
30	39 26297 ROSA UNIT COM	09 03 30	4368	F
30	39 26297 ROSA UNIT COM	10 03 31	4422	F
30	39 26297 ROSA UNIT COM	11 03 30	4939	F
30	39 26297 ROSA UNIT COM	12 03 31	4813	F
30	39 26297 ROSA UNIT COM	01 04 31	4595	F
30	39 26297 ROSA UNIT COM	02 04 29	3462	80 F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPPOOL PF11 NXTOGD PF12

CMD : ONGARD 08/09/04 09:39:01
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPVY
 Page No: 3

OGRID Identifier : 120782 WILLIAMS PRODUCTION COMPANY, LLC
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 39 26297 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 39 26297	ROSA UNIT COM	03 04 31	4625	F
30 39 26297	ROSA UNIT COM	04 04 30	4426	F
30 39 26297	ROSA UNIT COM	05 04 31	3555	F

Reporting Period Total (Gas, Oil) : 81338 240

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPPOOL PF11 NXTOGD PF12

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ROW/APD

FORM APPROVED
Budget Bureau No. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
RU-# 129A

9. API Well No.
30-C39-26297

10. Field and Pool, or Exploratory Area
Blanco - MV

11. Sec., T., R., M., or BLK.
and Survey or Area
Section 34, T32N, R6W

12. County or Parish
Rio Arriba

13. State
NM

1a. Type of Work

DRILL ☒

DEEPEN ☐

b. Type of Well

Oil Well ☐ Gas Well ☒ Other ☐

Single Well ☒ Multiple Zone ☐

2. Name of Operator

Williams Exploration & Production

3. Address and Telephone No

P.O. Box 3102, MS 37-2, Tulsa, OK. 74101

4. Location of Well (Footages)

At Surface

1680' FSL 1965' FWL

At proposed prod. zone

14. Distance in Miles and Directions from Nearest Town or Post Office

19.3 miles northeast Navajo Dam Post Office (straight line)

15. Distance from Proposed Location to Nearest

Property or Lease Line, Ft 1680'

16. No. of Acres in Lease

2561.86 acres

17. No. of Acres Assigned to This Well

320 acres W/2

18. Distance from Proposed Location to Nearest Well Drilling, Completed, or Applied for, on this Lease, FT

1100'

19. Proposed Depth

6069' -

20. Rotary or Cable Tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc)

6357' GR

22. Approximate Date Work will Start

April 1, 2000

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE & GRADE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	250'	130 sx-176 cu ft Type III
8-3/4"	7"	20#	3614'	400 sx-831 cu ft Lite 185 sx-256 Cu ft-Type III
6-1/4"	4-1/2"	10.5#	3514' - 6069' -	70 sx-150-cuft 115 sx-243cuft Lite HS 65/35

Williams Exploration & Production proposes to drill a directional well to develop the Mesa Verde Formation at the above described location, in accordance with the attached Operation and Surface Use plans. The surface is under the jurisdiction of the Bureau of Reclamation. The location has been surveyed for Cultural Resources by Moore Anthropological Research of Aztec, NM. The report has been submitted to your office for review.

This APD also is serving as an application to obtain BLM road and pipeline rights-of-way. This well will be accessed by 1500-feet of new access road (see plats #3 & #4). The proposed 272-foot long pipeline would tie into the Williams Gathering System on the Rosa Unit 129 (see the attached Plat Map # 4).

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

14. Above and below the proposed production zone, if proposal to deepen, give present productive zone and proposed new productive zone.
Signed Steve Nelson Title Agent

COPIES: BLM+4, WELL FILE+1
Date January 04, 2000

(This space for Federal or State office use)

Permit No.

Approval Date

Application approval does not warrant or certify that applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any:

APPROVED BY

/s/ Jim Lovato

TITLE

DATE

JUL 14 2000

10/18/99

15:00

NO.588

D06

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

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
3000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2033, Santa Fe, NM 87504-2033

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 LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26297		*Pool Code 72319		*Pool Name Blanco-Mesavende (Promoted)	
*Property Code 17033		*Property Name ROSA UNIT		*Well Number 129A	
*OGRIID No. 20782		*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6357'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County
K	34	32N	6W		1680	SOUTH	1965	WEST	RIO ARriba

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 101	Feet from the	North/South line	Feet from the	East/West line	County

*Dedicated Acres 320 w/2	*Joint or Infill	*Consolidation Code	*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

	<p>17 OPERATOR CERTIFICATION</p> <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</p> <p>Steve Nelson Printed Name</p> <p>Agent Nelson Consulting, Inc. Title</p> <p>January 4, 2000 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <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>SEPTEMBER 18, 1999 Date of Survey</p> <p><i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor</p> <p>NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR</p> <p>Certificate Number 6857</p>



Exploration & Production
Operations Plan

DATE: 12/01/99

<u>WELLNAME:</u>	ROSA UNIT #129A	<u>FIELD:</u>	Blanco MV
<u>LOCATION:</u>	NESW Sec.34, T32N, R6W Rio Arriba Co., NM	<u>SURFACE:</u>	BOR
<u>ELEVATION:</u>	6357' GR	<u>MINERALS:</u>	Federal
<u>TOTAL DEPTH:</u>	6069'	<u>LEASE #</u>	SF-078772

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS:

Ojo Alamo	2339'	Cliff House	5379'
Kirkland	2464'	Menefee	5424'
Fruitland	2864'	Point Lookout	5619'
Pictured Cliffs	3139'	Mancos	5959'
Lewis	3444'	Total Depth	6069'

B. LOGGING PROGRAM: 8-3/4" IND/GR/Temp log from TD to surface. CDL interval selected by onsite geologist. 6-1/4" IND/GR/Temp log from TD to Intermediate TD. CDL interval selected by onsite geologist.

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</u>	<u>CASING SIZE</u>	<u>WT. & GRADE</u>
Surface	12-1/4"	250'	9-5/8"	36# K-55
Intermediate	8-3/4"	3614'	7"	20# K-55
Prod. Liner	6-1/4"	3514'-6069'	4-1/2"	10.5# K-55

B. FLOAT EQUIPMENT:

1. **SURFACE CASING:** 9-5/8" notched regular pattern guide shoe.

1. INTERMEDIATE CASING: 7" cement nose guide shoe with a self- fill insert float. Place float one(1) joint above the shoe and five(5) centralizers, spaced every other joint, starting with the float collar. Place turbulent centralizers, at 120' intervals, starting at 2510' to the surface. Total centralizers = 5 regular and 21 turbulent.
2. PRODUCTION CASING: 4-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' joint. Place 20' marker joint above 5300'.

C. CEMENTING:

1. SURFACE: Use 130 sx (176cu.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 125% excess to circulate the surface. WOC 12 hours. Test to 1500#.
2. INTERMEDIATE: Lead - 400sx (831cu.ft.) of class "Premium Lite" 65/35 Type III/Poz with 8% gel, 1% CaCl₂, and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail - 185sx (256cu.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 = 1104 cu.ft. WOC 12 hours. Test to 1500#.
3. PRODUCTION LINER: Lead - 70 sx (150 cu.ft.) of class "Premium Lite HS" 65/35, Type III/Poz with 6 % gel, 0.5% FL-52, 1% CaCl₂, (Yield = 2.13 cu.ft./sk, Weight = 12.3 #/gal.) Tail - 115sx (243 cu.ft.) of class "Premium Lite HS" 65/35, Type III/Poz with 6 % gel, 0.5% FL-52, 1% CaCl₂, 4% Phenoseal and 1/4# cello-flake/sk (Yield = 2.16 cu.ft./sk, Weight = 12.3 #/gal.) Displace cement at a minimum of 8 BPM. Use 50% excess in lead and tail to cover liner top. Total volume 393 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

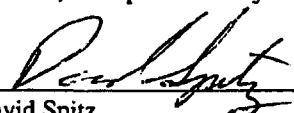
1. Pressure test 7" & 4-1/2" casing to 3300# for 15 minutes.

C. STIMULATION

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

D. RUNNING TUBING

1. Mesa Verde: Run 2-3/8", 4.7#, J-55, EUE tubing with a SN (1.91" ID) on top of bottom joint. Land tubing approximately 50' above the bottom Point Lookout perforation.


David Spitz
Engineer, Production & Drilling

Williams Exploration & Production
Rosa Unit Well #129A
Bancos Mesa NW USGS Quad

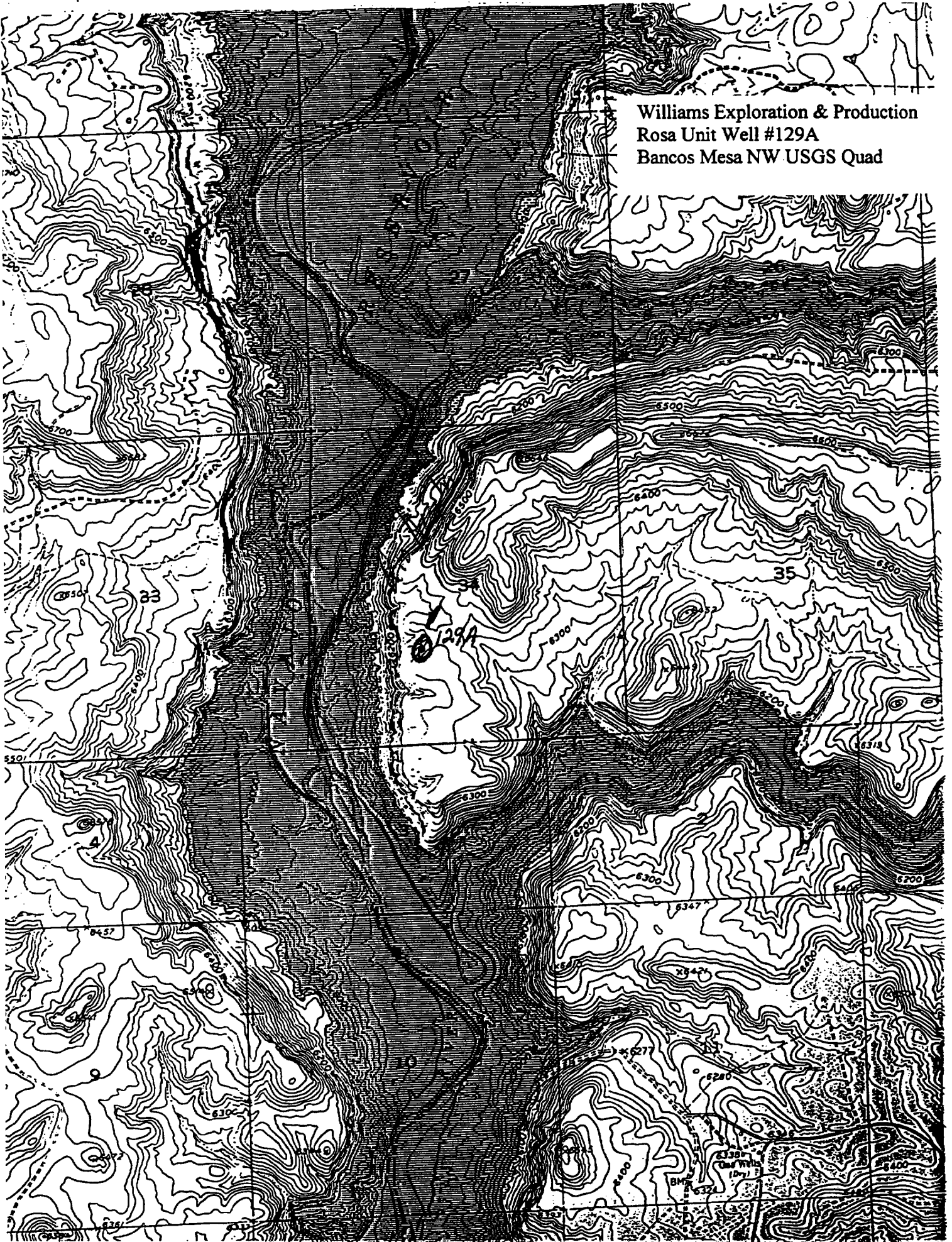
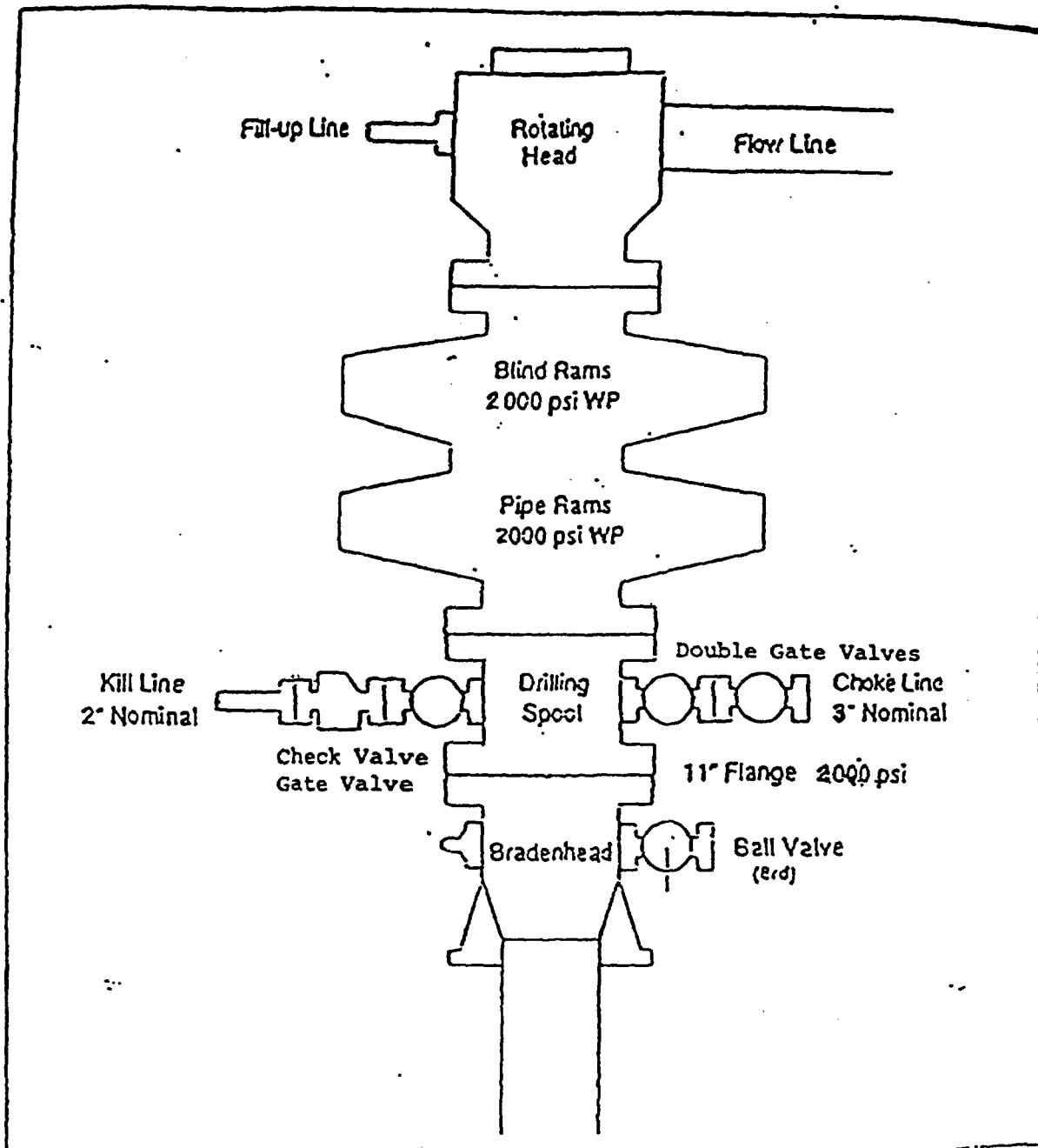


EXHIBIT 1

BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 1500 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock with handle, floor safety valve with change overs for each tool joint in the string, and choke manifold all rated to 2000 psi.

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

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

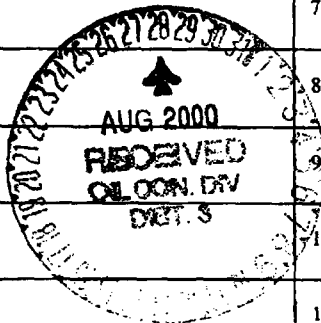
SUBMIT IN TRIPLICATE

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1680' FSL & 1965' FWL, NE/4 SW/4 SEC 34-32N-06W



8. Well Name and No.
ROSA UNIT #129A

9. API Well No.
30-039-26297

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	TYPE OF ACTION
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Change Name</u>
	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 proposes to change the well name on the above lease from the Rosa Unit #129A to the Rosa Unit Com #129A

17212

*This is a
name change to
add Com*

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date July 21, 2000

(This space for Federal or State office use)

Approved by _____

Title _____

ACCEPTED FOR RECORD

Conditions of approval, if any:

AUG 25 2000

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.

FARMINGTON DISTRICT OFFICE

NMOC

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

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well ☐ Gas Well ☒ Other ☐

8. Well Name and No.
ROSA UNIT #129A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-26297

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

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

4. ☒ Location of Well (Footage, Sec., T., R., M., or Survey Description)
1680' FSL & 1965' FWL, NE/4 SW/4 SEC 34-32N-06W

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 Surface Pipe Depth

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 proposes to increase the setting depth of the 9-5/8" csg from 250' to 500'. All other aspect of the original APD will remain the same.

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

Signed

Tracy Ross
Tracy Ross

Title Production Analyst

Date September 15, 2000

(This space for Federal or State office use)

Approved by

/s/ Jim Lovato

Title

Date

OCT 18 2000

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.



November 20, 2000

DEVIATION REPORT

Well Name: ROSA UNIT #129A
Location: K SEC 34 T32N R6W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE

DEVIATION	DEPTH
¾°	94'
1°	247'
1 ¾°	490'
1°	1849'
¾°	2736'
¾°	3173'
1 ¾°	3546'
1°	4390'
1 ¾°	6032'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
) ss:
County of Tulsa)

The foregoing instrument was acknowledged before me this 20th day of November, 2000, by Tracy Ross.

Susan A. Tyler
Susan A. Tyler

My Commission Expires: 7-17-2001

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 11/5/2000		Well Number #129A				
Completion Date 10/28/2000		Total Depth 6069'		Plug Back TD 6031'		Elevation 6357'		Unit Sec Twp Rng K 34 32N 6W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6069'		Perforations: 5526' - 5568'		County Rio Arriba	
Tubing Size 2-3/8"		Weight 4.7#		Set At 5926'		Perforations: 5638' - 5981'		Pool Blanco MV	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation MV		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"	Meter Run	Taps	

FLOW DATA				TUBING DATA		CASING DATA			
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI	2" X 3/4"				1091	41	1082		0
1					350	58	1001		0.5 hr
2					361	63	956		1.0 hr
3					347	65	926		1.5 hrs
4					301	67	913		2.0 hrs
5					282	66	897		3.0 hrs

RATE OF FLOW CALCULATION									
NO	Coefficient (24 Hours)			hwPm	Pressure Pm	Flow Temp. Factor Ff	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604				294	0.9943	1.29	1.030	3730
2									
3									
4									

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

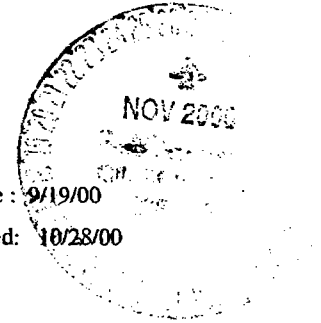
Pc	1094	Pc2	1196836
NO	Pt1	Pw	Pw2
1		909	826281
2			
3			
4			

(1) $\frac{Pc2}{Pc2 - Pw2} = \underline{3.2298471}$		(2) $\frac{Pc2^n}{Pc2 - Pw2} = \underline{2.4092756}$	
AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} = \underline{8987}$			

Absolute Open Flow	8987	Mcf/d @ 15.025	Angle of Slope _____	Slope, n	0.75
--------------------	-------------	----------------	----------------------	----------	-------------

Remarks:			
Approved By Commission:	Conducted By: Matt Crane	Calculated By: Tracy Ross	Checked By: David Spitz

ROSA UNIT #129A
BLANCO MESAVERDE



Spud date : 9/19/00

Completed: 10/28/00

Location:

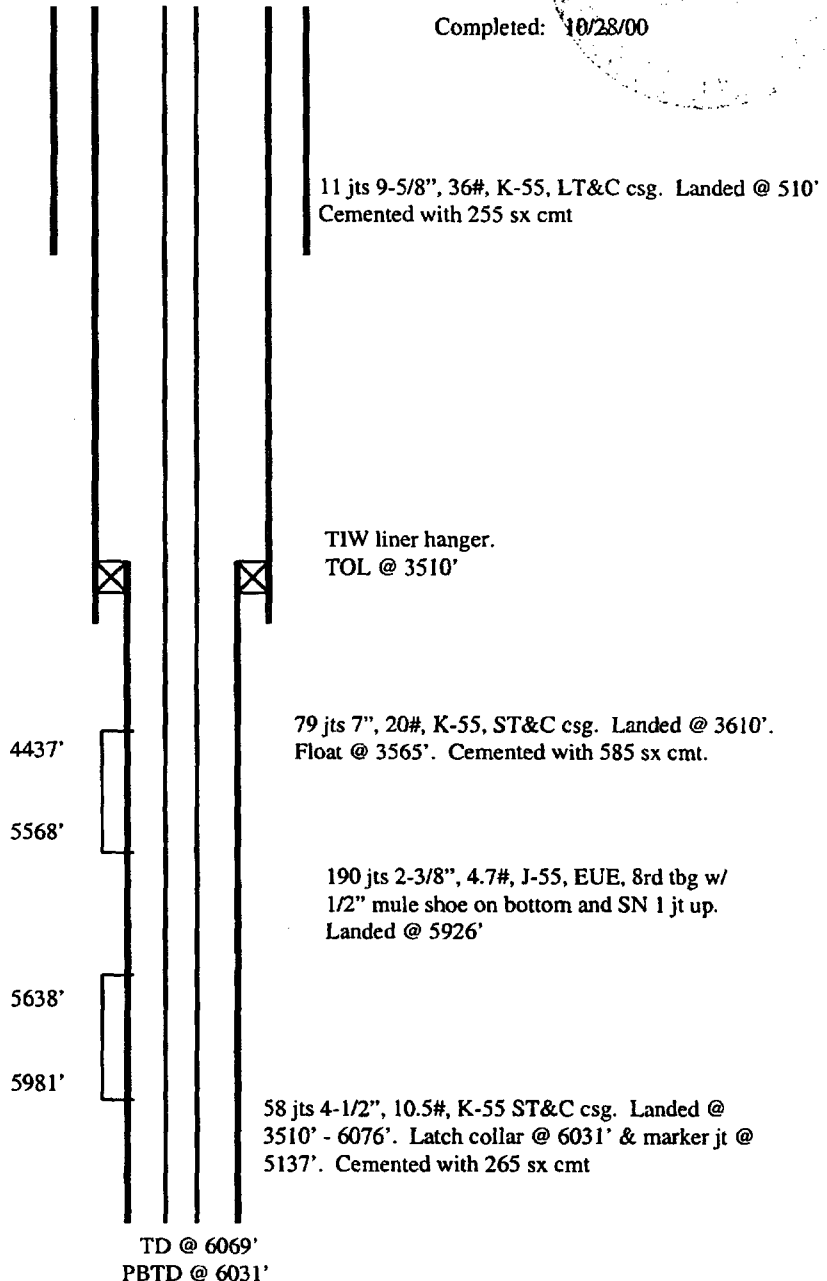
1680' FSL and 1965' FWL
NE/4 SW/4 Sec 34(K), T32N R06W
Rio Arriba, New Mexico
Elevation: 6357' GR

<u>Top</u>	<u>Depth</u>
Pictured Cliffs	3129'
Lewis	3556'
CliffHouse	5377'
Menefee	5424'
Point Lookout	5640'

STIMULATION

CliffHouse/Menefee: 4437' - 5568'
(34, 0.38" holes) Frac with 80,000#
20/40 sand in 1931 bbls slick water.

Point Lookout: 5638' - 5981' (37,
0.38" holes) Frac with 80,000# 20/40
sand in 1935 bbls slick water.



Hole Size	Casing	Cement	Volume	Top Of CMT
12-1/4"	9-5/8", 36#	255 sx	354 cu. Ft.	surface
8-3/4"	7", 20#	585 sx	1087 cu ft.	surface
6-1/4"	4-1/2", 10.5#	265 sx	385 cu. Ft.	3510'

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

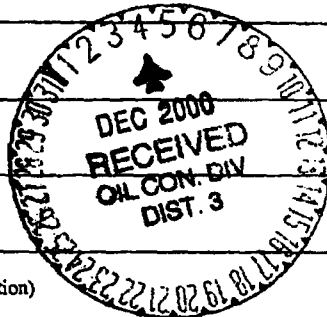
SUBMIT IN TRIPLICATE

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1680' FSL & 1965' FWL, NE/4 SW/4 SEC 34-32N-6W



5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #129A

9. API Well No.
30-039-26297

10. Field and Pool, or Exploratory Area
BLANCO MV

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
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other <u>COMPLETION OPERATIONS</u>
	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.)*

10-21-2000 MIRU, secure location and SD for Sunday

10-23-2000 Finished moving all equipment on location & spot rig. Location is extremely muddy. Tallied tbg. RU Basin Perf & RIH for bond log. Ran log from 5930' to 3900'. PU 3-7/8" bit on 2-3/8" tbg & RIH to 4400'

10-24-2000 RIH w/ tbg to tag cmt & drill 90' to float collar. RU BJS & pressure test csg to 3500 psi, held 15 min. Spotted 500 gal 15% HCl acid @ 5975'. TOOH w/ tbg, standing back. Perf Point Lookout w/ 37 (0.38") holes @ the following intervals: 5638', 41', 44', 47', 53', 55', 58', 62', 64', 68', 74', 86', 89', 92', 95', 98', 5711', 14', 17', 19', 25', 27', 39', 52', 54', 62', 65', 5818', 64', 73', 5901', 05', 17', 21', 40', 75' & 81'. Recovered all sand, laid manifold

10-26-2000 Pressure test lines to 4500 psi. Ball off Point Lookout w/ 1000 gal 15% HCl acid & 60 bbls, action good & complete. RIH w/ 4 1/2" junk bskt to recover 56 balls w/ 34 hits. Frac Point Lookout w/ 80,000# 20/40 Ariz sand @ 105 bpm @ 3000 psi. RIH w/ CIBP & set @ 5625'. Load hole & pressure test to 3500 psi, held 15 min. RIH w/dump bailer & spotted 15 gal 28% HCl acid @ 5526'. Perf, top down, with 35 (0.38") total holes @ the following intervals: 4437', 43', 51', 57', 66', 77', 4628', 36', 42', 50', 4743', 82', 86', 5046', 72', 77', 90', 94', 5156', 73', 5215', 22', 5304', 89', 92', 5423', 46', 48', 52', 56', 65', 69', 5526' & 68'. Ball off CH/Men w/ 1000 gal 15% HCl acid & 60 balls, action good & complete. Recovered 49 balls w/ 35 hits. Frac CH/Men w/ 80,000# 20/40 Ariz sand @ 95 bpm @ 2800 psi. RIH w/ tbg, rotated through liner top, then pulled up to 7"

Continued on reverse side

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____

Title _____

Date NOV 28 2000

Conditions of approval, if any:

FAIRMINGTON FIELD OFFICE
BY [Signature]

10-27-2000 RIH w/ tbg & 3-7/8" bit to tag 35' fill. RU air pkg & CO to CIBP. Ran 3 sweeps. RU power swivel & drilled CIBP. Chased bal of plug to bottom, had 65' of sand. Ran sweeps each 45 min w/ lots of help from lower zone. TOOH w/ tbg & bit. Pitot reading: 42# on 2" = 4843 mcf. Well was not communicated behind csg. Let well blow on it's own

10-28-2000 RIH w/ 2-3/8" tbg w/ 1/2" mule hoe on bottom. Tagged 34' sand. Ran 2 sweeps w/ lots of help from bottom zone. Pulled up & landed 190 jts 2-3/8", J-55, EUE 8rd 4.7# tbg w/ 1/2" mule shoe on bottom & SN 1 jt up @ 5925.79'. NDBOP, NUWH. Release rig @ 1240 hrs

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

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #129A

9. API Well No.
30-039-26297

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

11. County or Parish, State
RIO ARRIBA, NM

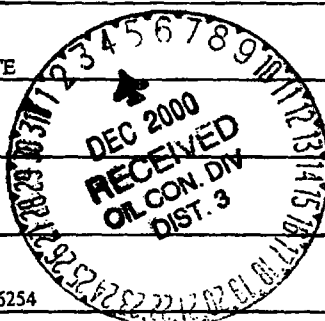
SUBMIT IN TRIPLICATE

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1680' FSL & 1965' FWL, NE/4 SW/4 SEC 34-32N-06W



CHECK APPROPRIATE BOX(es) 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 ☒ Drilling Complete

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.)*

9-19-2000 MIRU, drilled rat hole. Drilling mouse hole at report time

9-20-2000 Finished drilling mouse hole. Spud surface hole at 1100 hrs 9/19/00 with spud mud and bit #1 (12-1/4", 111J). Drilled to 520'. Circulate hole clean and TOH. Rig up casing crew and hold safety meeting. Ran 9-5/8" casing to 108' and casing stopped. Laid down casing. TIH with bit #1 and condition hole

9-21-2000 Condition hole. Pick up 3-point reamer and ream hole to bottom. Ran 11 joints (498.25') of 9-5/8" 36#, K-55, LT&C casing and set at 510' KB. BJ cemented with 255 sx (354 cu.ft.) of Type III RMS with 2% CaCl₂ and 1/4# cello-flake/sk. Displaced plug with 37 bbls of water. Plug down at 2230 hrs 9/20/00. Circulated out 10 bbls of cement. WOC. Nipple up BOP'S

9-22-2000 Nipple up BOP and pressure test to 1500 psi - held OK. TIH with bit #2 (8-3/4", GT09C). Drilled cement and shoe and new formation with water and polymer. Drilling ahead

9-23-2000 Drilling ahead with water and polymer and bit #2 (8-3/4", GT09C)

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date October 2, 2000

(This space for Federal or State office use)

Approved by _____

Title _____

Date NOV 28 2000

Conditions of approval, if any:

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

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.

WMOCD

9-24-2000 Drilling ahead with water and polymer and bit #2 (8-3/4", GT09C)

9-25-2000 TD intermediate hole with bit #2 (8-3/4", GT09C) at 3616'. Circulate, short trip, and circulate. TOH for logs. Rig up Halliburton loggers. Logs stopped at 1550'. Rigged down loggers. TIH to condition

9-26-2000 TIH to bottom and circulate and condition hole. Short trip to collars. Rig up Halliburton and run IND/GR/Temp and CDL logs. TIH and LDDP and DC's. Change out rams and rig up casing crew. Ran 79 jts. (3602.72') of 7", 20#, K-55, ST&C casing and landed at 3610' KB. Float at 3565'. Rig up BJ and precede cement with 20 bbls of water. Cemented with 400 sx (831 cu.ft.) of Type III 65/35 poz with 8% gel, 1% CaCl₂ and 1/4# celloflake/sk. Tailed with 185 sx (256 cu.ft.) of Type III with 1/4# celloflake/sk and 1% CaCl₂. Displaced plug with 144 bbls of water. Plug down at 0315 hrs 9/26/00. Circulated out 20 bbls of cement. WOC

9-27-2000 Drilling with air approx. 115' per hour

9-28-2000 Drilling ahead with air hammer, (drill pipe manually backed off, bit may have torqued up in a fracture, unable to get details, but was able to screw back into drill string @ 1,511'). After trip continued drilling to TD of 6,069' @ 0600 hrs 9/28/00 with bit #3 (6 1/4", R42R8R3)

9-29-2000 TOH for logs. RU Halliburton & run IND/GR and DEN/NEU/TEMP logs. Rig down Halliburton. TIH. LDDP & DC's. Rig up casing crew and run 58 jts (2566.61') of 4-1/2", 10.5#, K-55, ST&C casing and TIW 4-1/2"x 7" liner hanger on drill pipe and landed at 6076' KB. Latch collar at 6031' KB and marker joint at 5137' KB. Top of liner at 3510' - 100' of overlap into 7". Rig up BJ. Hold safety meeting. Cement with 80 sx (114 cu.ft.) of CI "H" 50/50 poz w/ 4% Gel, 1% CaCl₂, and 0.4% FL-50. Tailed with 185 sx (271 cu.ft.) of CI "H" 50/50 poz with 4% Gel, 0.4% FL-50, 1/4#/sk celloflake and 4% Phenoseal. Displaced plug with 66 bbls of water. Plug down at 0200 hrs 9/29/00. Set pack-off and circulate out 10 bbls of cement. Lay down DP and TIW setting tool. Rig released at 0800 hrs 9/29/00. FINAL REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION:
☒ NEW WELL WORKOVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 593-6255

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 1680' FSL & 1965' FWL
At top production interval reported below:
At total depth:

5. LEASE DESIGNATION AND LEASE NO.
SF-078772

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #129A

9. API WELL NO.
30-039-26297

10. FIELD AND POOL, OR WILDCAT
BLANCO MV

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 SW/4 SEC 34-32N-6W

12. COUNTY OR
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
09/19/2000

16. DATE T.D.
REACHED
09/28/2000

17. DATE COMPLETED (READY TO PRODUCE)
10/28/2000

14. PERMIT NO.
DATE ISSUED
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6357' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
6069' MD

21. PLUG, BACK T.D., MD & TVD
6031' MD

22. IF MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MV 4437' - 5981'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & DEN/NEU/TEMP

27. WAS WELL CORED
NO

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" K-55	36#	510'	12-1/4"	255 SX - SURFACE	
7" K-55	20#	3615' 2615'	8-3/4"	585 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3510'	6076'	265 SX		2-3/8"	5926'	

31. PERFORATION RECORD (Interval, size, and number)

CH/Manatee: 4437', 43', 51', 57', 66', 77', 4628', 36', 42', 50', 4743', 82', 86', 5046', 72', 77', 90', 94', 5156', 73', 5215', 22', 5304', 89', 92', 5423', 46', 48', 52', 56', 65', 69', 5526' and 68'. Total of 34 (0.38") holes
Point Lookout: 5638', 41', 44', 47', 53', 55', 58', 62', 64', 68', 74', 86', 89', 92', 95', 98', 5711', 14', 17', 19', 25', 27', 39', 52', 54', 62', 65', 5818', 64', 73', 5901', 05', 17', 21', 40', 75' and 81'. Total of 37 (0.38") holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4437'- 5568'	80,000# 20/40 Sand in 1931 BBIs slick water
5638'- 5981'	80,000# 20/40 Sand in 1935 BBIs slick water

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI waiting on pipeline	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
10/05/00	3 hr	3/4"			466		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
282	897				3,730		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD

TEST WITNESSED BY: CHIK CHARLEY

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Tracy Rex

TITLE Production Analyst

DATE

ACCEPTED FOR RECORD
November 20, 2000

NOV 28 2000

FARMINGTON FIELD OFFICE
BY *[Signature]*

11/05/00

In Lieu of
Form 3160
(June 1990)

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

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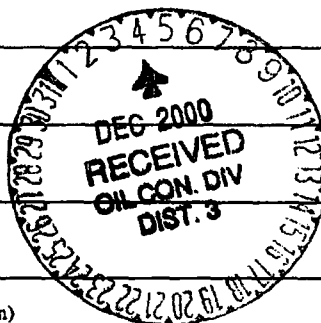
SUBMIT IN TRIPLICATE

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1680' FSL & 1965' FWL, NE/4 SW/4 SEC 34-32N-06W



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SF-078772

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ROSA UNIT #129A

9. API Well No.
30-039-26297

10. Field and Pool, or Exploratory Area
BLANCO MV

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
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Spud</u>
	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.)*

This well was spud @ 1100 hrs 9/19/00

APD/ROW

2000 SEP 25 PM 1:40
OZO FARMINGTON NM

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

Signed

Tracy Ross
Tracy Ross

Title Production Analyst

Date

September 20, 2000

(This space for Federal or State office use)

Approved by

Title

Date

NOV 28 2000

Conditions of approval, if any:

FARMINGTON FIELD OFFICE

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.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 17, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address WILLIAMS PRODUCTION COMPANY P O BOX 3102, MS 37-2 TULSA, OK 74101		² OGRID Number 120782
		³ Reason for Filing Code NW
⁴ API Number 30 - 039-26297	⁵ Pool Name BLANCO MV	⁶ Pool Code 72319
⁷ Property Code 17033	⁸ Property Name ROSA UNIT	⁹ Well Number 129A

II. ¹⁰ Surface Location

UL or lot no. K	Section 34	Township 32N	Range 6W	Lot Idn	Feet from the 1680'	North/South Line SOUTH	Feet from the 1965'	East/West line WEST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	------------------------	---------------------------	------------------------	------------------------	----------------------

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Use Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
009018	GIANT REFINING P O BOX 12999 SCOTTSDALE, AZ 85267	2827228	O	
025244	WILLIAMS FIELD SERVICES P O BOX 3102, MS 37-2 TULSA, OKLAHOMA 74101	2827229	G	

IV. Produced Water

²³ POD 2827230	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 9/19/00	²⁶ Ready Date 10/28/00	²⁷ TD 6069'	²⁸ PBDT 6031'	²⁹ Perforations 4437' - 5981'	³⁰ DHC, DC, MC
³¹ Hole Size 12 1/4"	³² Casing & Tubing Size 9 5/8" - 36#	³³ Depth Set 520' 510	³⁴ Sacks Cement 255 SX		
8 3/4"	7" - 20#	3610'	585 SX		
6 1/4"	4 1/2" - 10.5#	6076'	265 SX		
	2 3/8" - 4.7#	5926'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 11/05/00	³⁸ Test Length 3 HRS	³⁹ Tbg. Pressure 282	⁴⁰ Csg. Pressure 897
⁴¹ Choke Size 3/4"	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 3,730	⁴⁵ AOF	⁴⁶ Test Method IP

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tracy Ross*
Printed name: TRACY ROSS

Title: Production Analyst

Date: November 20, 2000

Phone: 918-573-6254

OIL CONSERVATION DIVISION

Approved by:

T.S.
SUPERVISOR DISTRICT #3

Title:

Approval Date:

DEC - 4 2000

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date