

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

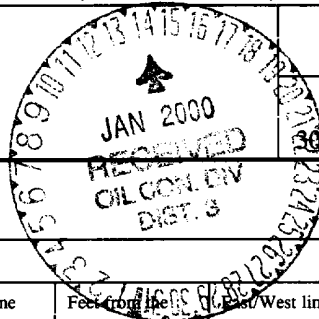
OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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

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



<sup>7</sup> 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

<sup>8</sup> 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
<del>ED</del>	34	32N	6W		<del>1700'</del> 1370'	North	<del>2010'</del> 1090'	Rio Arriba

<sup>9</sup> Proposed Pool Blanco Mesa Verde	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 6357' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6059' KB	<sup>18</sup> Formation Blanco Mesa Verde	<sup>19</sup> Contractor Aztec Well Service	<sup>20</sup> Spud Date April 1, 2000

<sup>21</sup> 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 (1227 cuft)	Surface
6-1/4"	4-1/2"	10.5#	3985' - 6059' KB	320 sx (458 cuft)	Top of Liner

<sup>22</sup> 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.

<sup>23</sup> 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

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

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

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
Rio Brazos Rd., Aztec, NM 87410

☐ AMENDED REPORT

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

# 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
*GRID No. 20782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6357'

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		1700	SOUTH	2010	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
E	34	32N	6W		1750	NORTH	1050	WEST	RIO ARRIBA
12 Dedicated Acres 320 W/2		13 Joint or Infill I		14 Consolidation Code II		15 Order No.			

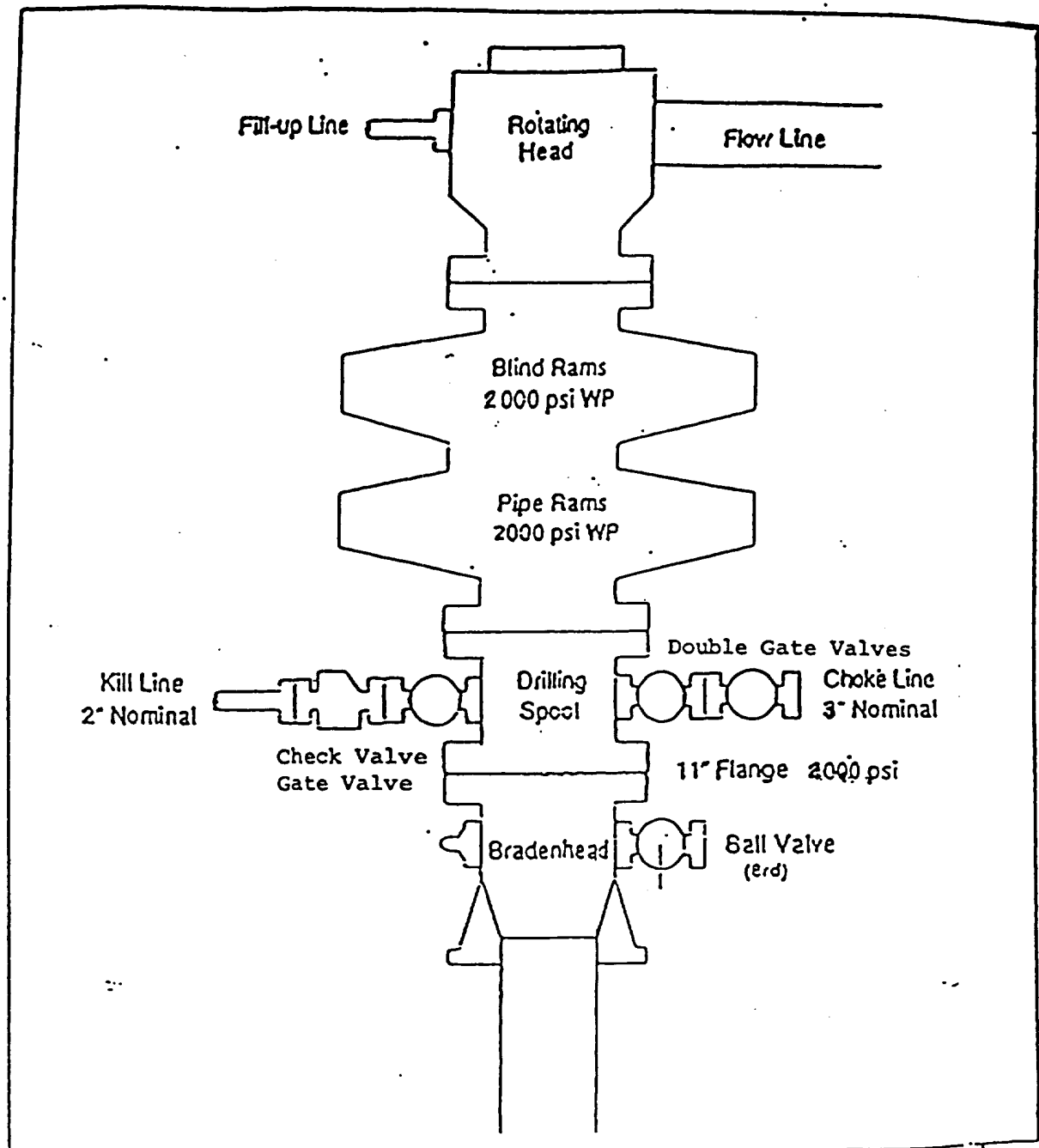
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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>Signature Steve Nelson</p> <p>Printed Name Agent, Nelson Consulting</p> <p>Title January 7, 2000</p> <p>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>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

