

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

JUN 15 2011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Case Serial No NMSF-078772	6. If Indian, Allottee or Tribe Name Mingomton of Indian Management
2. Name of Operator Williams Production Company, LLC		7. If Unit of CA/Agreement, Name and/or No. Rosa Unit	8. Well Name and No Rosa Unit #242A
3a. Address PO Box 640 Aztec, NM 87410	3b. Phone No. (include area code) 505-634-4208	9. API Well No 30-045-31888	10. Field and Pool or Exploratory Area Basin Fruitland Coal
4. Location of Well (Footage, Sec., T, R, M., or Survey Description) Sur. 1095' FNL & 1922' FWL, BHL: 1300' FSL & 2546' FWL, sec 33, T32N, R6W		11. Country or Parish, State Rio Arriba	

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markets and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Williams plans to re enter this existing wellbore and convert this well from a vertical cavitation to a horizontal completion as per attached plat, operation plan and directional plan

Hold C104  
for Directional Survey  
and "As Drilled" plat

**BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS**

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Larry Higgins	Title Permit Supervisor
Signature <i>Larry Higgins</i>	Date 6/14/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Troy L. Solvers</i>	Title PE	Date 6/21/2011
Conditions of approval, if any, are attached. Approval of this notice 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.	Office FFO	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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

(Instructions on page 2)

Hold C104  
for Directional Survey  
and "As Drilled" plat

RCVD JUN 22 '11

OIL CONS. DIV.

NMOCD

DIST. 3

A

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

District II  
1301 W. Grand Avenue, Artesia, NM 88210

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

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
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 <b>30-045-31888</b>		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 242A
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6469'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	33	32N	6W		1095	NORTH	1932	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

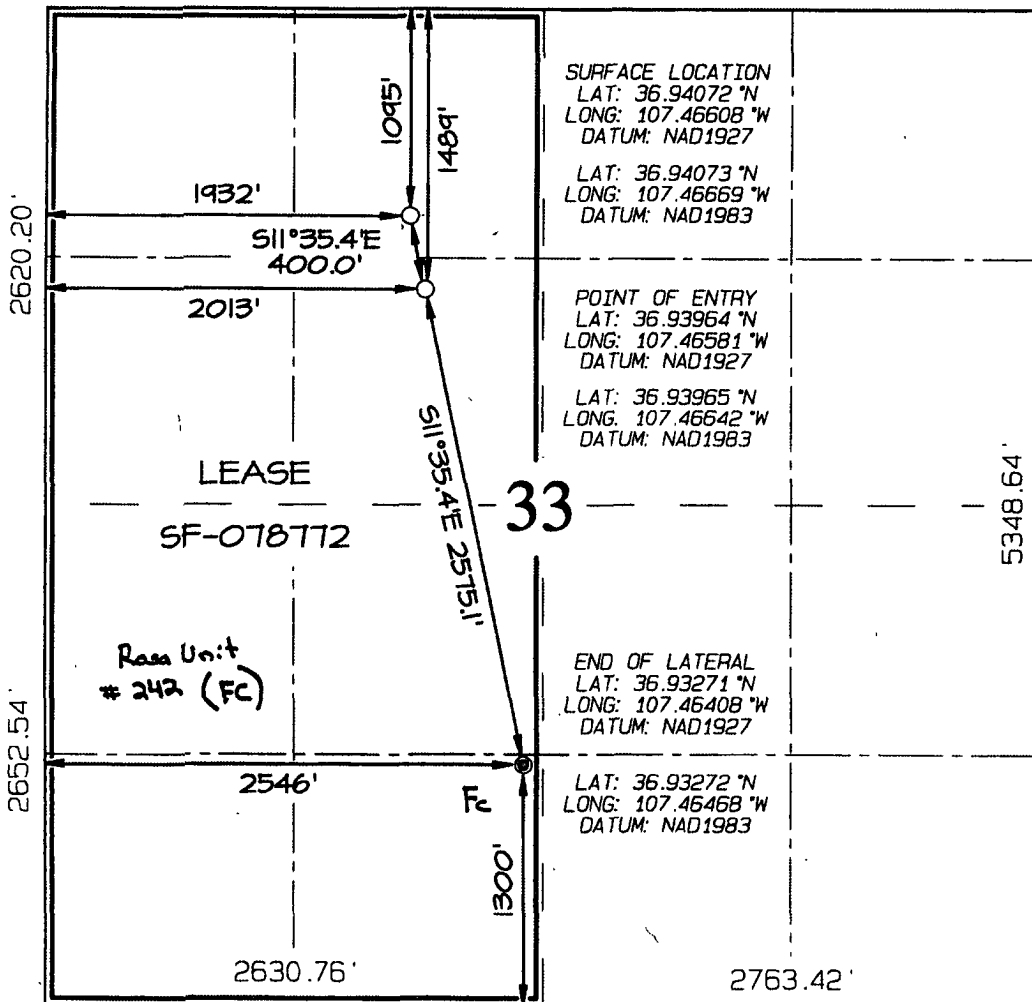
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	33	32N	6W		1300	SOUTH	2546	WEST	SAN JUAN

<sup>12</sup> Dedicated Acres 320.0 Acres - (W/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>

5329.50'



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Larry Higgins* 6-14-11  
Signature Date  
*Larry Higgins*  
Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

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

Date of Revisions: JUNE 2, 2011  
Survey Date: DECEMBER 1, 2003  
Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269



**WILLIAMS PRODUCTION COMPANY**

**Operations Plan**

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

**DATE:** 6/14/2011

**WELLNAME:** Rosa Unit #242A      **FIELD:** Basin Fruitland Coal

**BH LOCATION:** SESW Sec. 33-T32N-6W      **SURFACE:** BLM  
San Juan, NM

**ELEVATION:** 6,469' GR      **MINERALS:** BLM

**TOTAL DEPTH:** 5,911'      **LEASE #** SF-078772

**API#:** 30-045-31888

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

A. **FORMATION TOPS:** ( KB)

NAME	TVD	MD
Kirtland	2,386	2,386
Fruitland	2,998	3,031
Top Target Coal	3,117	3,351
Bottom Target Coal	3,144	
Picture Cliffs	3,202	
<b>TD</b>	3,117	<b>5,911</b>

B. **LOGGING PROGRAM:** None

C. **NATURAL GAUGES:** Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

D. **MUD LOGGING PRORAM:** Mud logger will be on location from mill out to TD.

II. **PREPARATORY WORK**

- A. MIRU w/ workover rig
- B. POOH/LD rods and pump
- C. POOH/LD production tbg
- D. Set retrievable bridge plug at 2,980' inside 7" casing
- E. Pressure test 7" csg and bridge plug to 1,500 psi for 30 minutes
- F. RDMO

III. **DRILLING**

A. **MUD PROGRAM:** LSND mud during mill out and while drilling curve. Treat for lost circulation as necessary. Notify Engineering of any mud losses.

**B. DRILLING FLUID:** Horizontal section will be drilled with produced water.

**C. BOP TESTING:** While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the BOPE will be tested to **250 psi (Low) for 5 minutes** and **1500 psi (High) for 10 minutes**. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The drum brakes will be inspected and tested each tour. **All tests and inspections will be recorded in the tour book as to time and results.**

#### IV. MATERIALS

##### A. CASING PROGRAM (as is):

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH (MD)</u>	<u>CASING SIZE</u>	<u>WT. &amp; GRADE</u>
Surface	12-1/4"	317'	9-5/8"	36# K-55
Intermediate	8-3/4"	3,078'	7"	20# K-55
Prod. Liner	6-1/4"	3,007' - 3,281'	5-1/2"	17# N-80

##### B. CASING PROGRAM (after sidetrack):

<u>CASING TYPE</u>	<u>HOLE SIZE</u>	<u>DEPTH (MD)</u>	<u>CASING SIZE</u>	<u>WT. &amp; GRADE</u>
Surface	12-1/4"	317'	9-5/8"	36# K-55
Intermediate	8-3/4"	3,078'	7"	20# K-55
Prod. Liner (motherbore)	9-1/2"	3,007' - 3,281'	5-1/2"	17# N-80
Prod. Liner (sidetrack)	6-1/4"	~2,720' - 5,911' ✓	4-1/2"	11.6# K-55

- Sidetrack production liner is pre-perforated and will be dropped off with top of liner in open hole 5-10' outside of window.

##### C. FLOAT EQUIPMENT:

1. PRODUCTION LINER (sidetrack): No centralization

##### D. CEMENTING:

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

1. PRODUCTION LINER (sidetrack): Open hole completion. No cement.

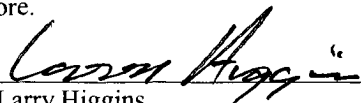
#### V. COMPLETION

##### A. STIMULATION

1. No stimulation

##### B. RUNNING TUBING

1. Fruitland Coal: Run 2-7/8", 6.5#, J-55, EUE tubing with a SN on top of bottom joint. Land tubing at approximately 3,237' MD inside of motherbore.

  
 Larry Higgins  
 Permit Supervisor



# Williams Energy

Rosa Unit #242A - ST01

Rosa Unit #242A

San Juan Co. NM

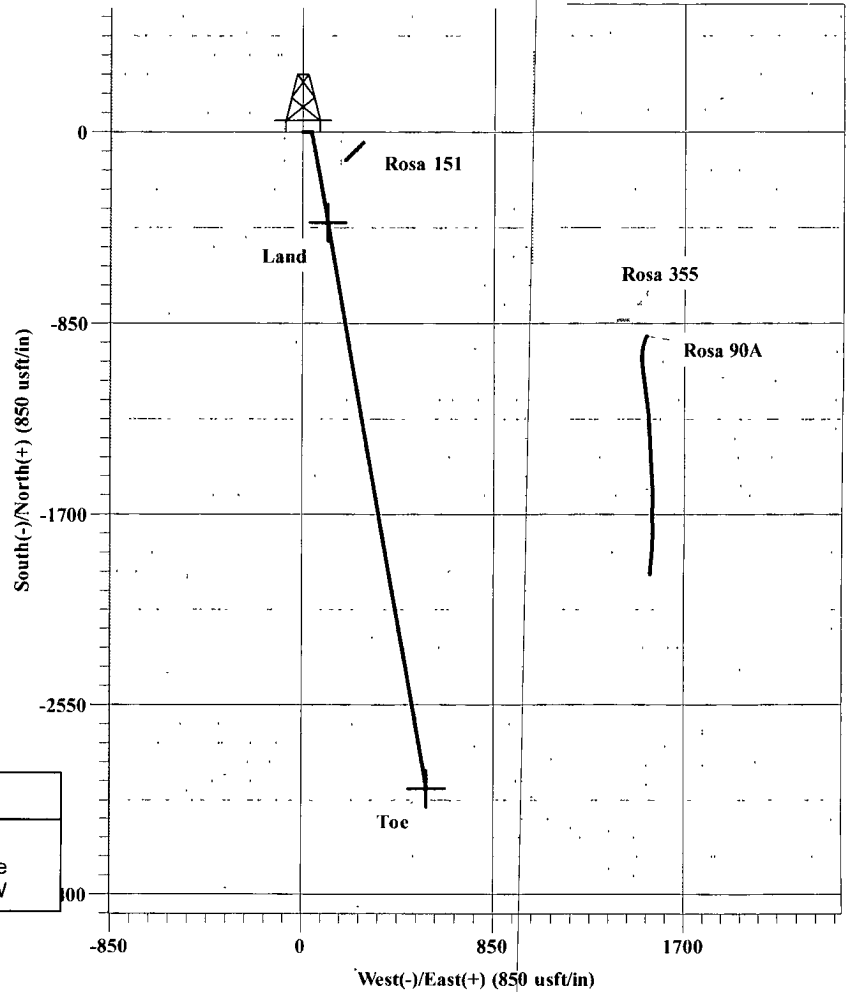
GL: 6467' KB: 14'



A Schlumberger Company

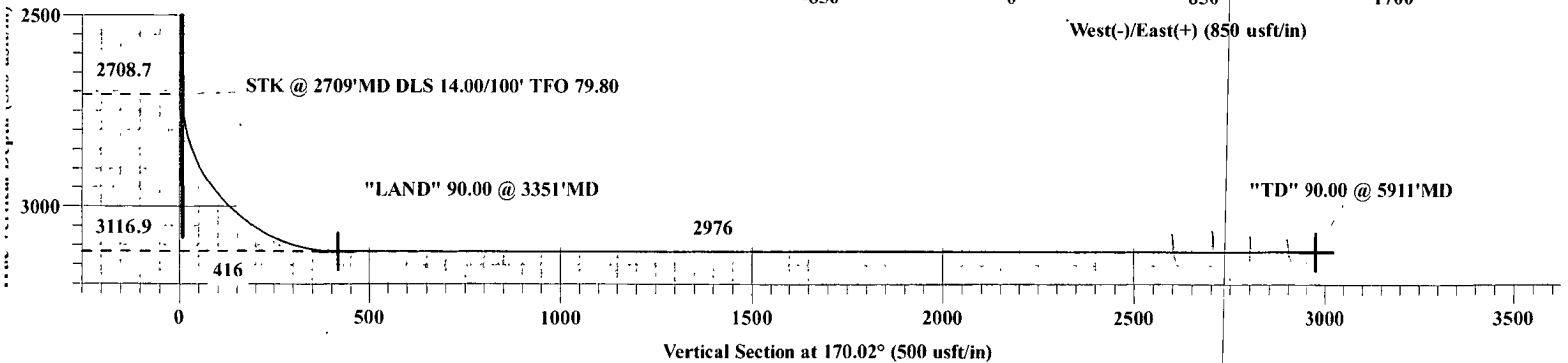
### WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
Land	3117.0	-402.2	113.0	2161494.66	607440.88	Point
Toe	3117.0	-2923.8	556.5	2158974.86	607894.13	Point



### WELL DETAILS: Rosa Unit #242A - ST01

		6467.0	
Northing	Easting	Latitude	Longitude
2161896.46	607326.38	36° 56' 26.606 N	107° 27' 57.895 W



### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
2709.0	0.80	90.22	2708.7	-0.1	36.5	0.00	0.00	6.5	
3350.8	90.00	170.02	3116.9	-402.2	113.0	14.00	79.80	415.7	
5911.1	90.00	170.02	3117.0	-2923.8	556.5	0.00	0.00	2976.0	Toe

Plan: Design #1 (Rosa Unit #242A - ST01/STK)

Planning Report

<b>Database:</b>	EDM 5000 1 Single User Db.	<b>Local Co-ordinate Reference:</b>	Site Rosa Unit #242A
<b>Company:</b>	Williams Energy	<b>TVD Reference:</b>	WELL @ 6481.0usft (Original Well Elev)
<b>Project:</b>	San Juan Co NM	<b>MD Reference:</b>	WELL @ 6481.0usft (Original Well Elev)
<b>Site:</b>	Rosa Unit #242A	<b>North Reference:</b>	True
<b>Well:</b>	Rosa Unit #242A - ST01	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	STK		
<b>Design:</b>	Design #1		

<b>Project:</b>	San Juan Co NM		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico West 3003		

<b>Site:</b>	Rosa Unit #242A				
<b>Site Position:</b>	<b>Northing:</b>	2,161,896.46 usft	<b>Latitude:</b>	36° 56' 26.606 N	
<b>From:</b>	Lat/Long	<b>Easting:</b>	607,326.38 usft	<b>Longitude:</b>	107° 27' 57.895 W
<b>Position Uncertainty:</b>	0 0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0 22 °

<b>Well:</b>	Rosa Unit #242A - ST01					
<b>Well Position</b>	<b>+N/-S</b>	0 0 usft	<b>Northing:</b>	2,161,896.46 usft	<b>Latitude:</b>	36° 56' 26.606 N
	<b>+E/-W</b>	0 0 usft	<b>Easting:</b>	607,326.38 usft	<b>Longitude:</b>	107° 27' 57.895 W
<b>Position Uncertainty</b>		0 0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	6,467.0 usft

<b>Wellbore:</b>	STK
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	06/09/11	9.80	63.69	50,890

<b>Design:</b>	Design #1
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<b>Audit Notes:</b>	
<b>Version:</b>	Phase: PROTOTYPE Tie On Depth: 2,709.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0 0	0 0	0 0	170 02

Plan Sections										TFO (°)	Target
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)			
2,709.0	0.80	90.22	2,708.7	-0.1	36.5	0.00	0.00	0.00	0.00	0.00	
3,350.8	90.00	170.02	3,116.9	-402.2	113.0	14.00	13.90	12.43	79.80		
5,911.1	90.00	170.02	3,117.0	-2,923.8	556.5	0.00	0.00	0.00	0.00	0.00	Toe

Planning Report

Database:	EDM 5000 1 Single User Db	Local Co-ordinate Reference:	Site Rosa Unit #242A
Company:	Williams Energy	TVD Reference:	WELL @ 6481 0usft (Original Well Elev)
Project:	San Juan Co NM	MD Reference:	WELL @ 6481 0usft (Original Well Elev)
Site:	Rosa Unit #242A	North Reference:	True
Well:	Rosa Unit #242A - ST01	Survey Calculation Method:	Minimum Curvature
Wellbore:	STK		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,709.0	0.80	90.22	2,708.7	-0.1	36.5	6.5	0.05	-0.05	0.00
STK @ 2709 MD DLS 14.00/100' TFO 79.80'									
2,725.0	2.51	151.64	2,724.7	-0.4	36.8	6.8	14.00	10.66	383.89
2,750.0	5.94	162.38	2,749.7	-2.2	37.4	8.6	14.00	13.70	42.95
2,775.0	9.42	165.24	2,774.4	-5.4	38.4	11.9	14.00	13.92	11.44
2,800.0	12.91	166.56	2,799.0	-10.1	39.5	16.8	14.00	13.96	5.29
2,825.0	16.40	167.33	2,823.1	-16.2	40.9	23.1	14.00	13.98	3.07
2,850.0	19.90	167.83	2,846.9	-23.8	42.6	30.9	14.00	13.99	2.01
2,875.0	23.40	168.19	2,870.1	-32.9	44.5	40.1	14.00	13.99	1.43
2,900.0	26.89	168.46	2,892.8	-43.3	46.7	50.7	14.00	13.99	1.08
2,925.0	30.39	168.67	2,914.7	-55.0	49.1	62.7	14.00	13.99	0.85
2,950.0	33.89	168.84	2,935.9	-68.0	51.6	76.0	14.00	14.00	0.69
2,975.0	37.39	168.99	2,956.2	-82.3	54.4	90.5	14.00	14.00	0.57
3,000.0	40.89	169.11	2,975.6	-97.8	57.4	106.3	14.00	14.00	0.49
3,025.0	44.39	169.21	2,993.9	-114.5	60.6	123.2	14.00	14.00	0.42
3,050.0	47.89	169.31	3,011.3	-132.2	64.0	141.3	14.00	14.00	0.37
3,075.0	51.39	169.39	3,027.5	-150.9	67.5	160.3	14.00	14.00	0.33
3,100.0	54.89	169.47	3,042.4	-170.5	71.2	180.3	14.00	14.00	0.30
3,125.0	58.39	169.54	3,056.2	-191.1	75.0	201.2	14.00	14.00	0.28
3,150.0	61.89	169.60	3,068.6	-212.4	78.9	222.8	14.00	14.00	0.26
3,175.0	65.38	169.66	3,079.7	-234.4	82.9	245.2	14.00	14.00	0.24
3,200.0	68.88	169.72	3,089.5	-257.1	87.0	268.3	14.00	14.00	0.23
3,225.0	72.38	169.77	3,097.7	-280.3	91.2	291.9	14.00	14.00	0.22
3,250.0	75.88	169.82	3,104.6	-303.9	95.5	315.9	14.00	14.00	0.21
3,275.0	79.38	169.88	3,109.9	-328.0	99.8	340.3	14.00	14.00	0.20
3,300.0	82.88	169.93	3,113.8	-352.3	104.1	365.0	14.00	14.00	0.20
3,325.0	86.38	169.97	3,116.1	-376.8	108.5	389.9	14.00	14.00	0.20
3,350.0	90.00	170.02	3,116.9	-402.2	113.0	415.7	14.00	14.00	0.19
LAND @ 3351 MD									
3,400.0	90.00	170.02	3,116.9	-450.6	121.5	464.9	0.00	0.00	0.00
3,500.0	90.00	170.02	3,116.9	-549.1	138.8	564.9	0.00	0.00	0.00
3,600.0	90.00	170.02	3,116.9	-647.6	156.1	664.9	0.00	0.00	0.00
3,700.0	90.00	170.02	3,116.9	-746.1	173.5	764.9	0.00	0.00	0.00
3,800.0	90.00	170.02	3,116.9	-844.6	190.8	864.9	0.00	0.00	0.00
3,900.0	90.00	170.02	3,116.9	-943.1	208.1	964.9	0.00	0.00	0.00
4,000.0	90.00	170.02	3,117.0	-1,041.6	225.4	1,064.9	0.00	0.00	0.00
4,100.0	90.00	170.02	3,117.0	-1,140.1	242.7	1,164.9	0.00	0.00	0.00
4,200.0	90.00	170.02	3,117.0	-1,238.6	260.1	1,264.9	0.00	0.00	0.00
4,300.0	90.00	170.02	3,117.0	-1,337.0	277.4	1,364.9	0.00	0.00	0.00
4,400.0	90.00	170.02	3,117.0	-1,435.5	294.7	1,464.9	0.00	0.00	0.00
4,500.0	90.00	170.02	3,117.0	-1,534.0	312.0	1,564.9	0.00	0.00	0.00
4,600.0	90.00	170.02	3,117.0	-1,632.5	329.4	1,664.9	0.00	0.00	0.00
4,700.0	90.00	170.02	3,117.0	-1,731.0	346.7	1,764.9	0.00	0.00	0.00
4,800.0	90.00	170.02	3,117.0	-1,829.5	364.0	1,864.9	0.00	0.00	0.00
4,900.0	90.00	170.02	3,117.0	-1,928.0	381.3	1,964.9	0.00	0.00	0.00
5,000.0	90.00	170.02	3,117.0	-2,026.5	398.7	2,064.9	0.00	0.00	0.00
5,100.0	90.00	170.02	3,117.0	-2,124.9	416.0	2,164.9	0.00	0.00	0.00
5,200.0	90.00	170.02	3,117.0	-2,223.4	433.3	2,264.9	0.00	0.00	0.00
5,300.0	90.00	170.02	3,117.0	-2,321.9	450.6	2,364.9	0.00	0.00	0.00
5,400.0	90.00	170.02	3,117.0	-2,420.4	468.0	2,464.9	0.00	0.00	0.00
5,500.0	90.00	170.02	3,117.0	-2,518.9	485.3	2,564.9	0.00	0.00	0.00
5,600.0	90.00	170.02	3,117.0	-2,617.4	502.6	2,664.9	0.00	0.00	0.00
5,700.0	90.00	170.02	3,117.0	-2,715.9	519.9	2,764.9	0.00	0.00	0.00
5,800.0	90.00	170.02	3,117.0	-2,814.4	537.2	2,864.9	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Site Rosa Unit #242A
Company:	Williams Energy	TVD Reference:	WELL @ 6481 0usft (Original Well Elev)
Project:	San Juan Co NM	MD Reference:	WELL @ 6481 0usft (Original Well Elev)
Site:	Rosa Unit #242A	North Reference:	True
Well:	Rosa Unit #242A - ST01	Survey Calculation Method:	Minimum Curvature
Wellbore:	STK		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,900 0	90 00	170 02	3,117 0	-2,912 8	554.6	2,964 9	0 00	0 00	0 00
5,911 1	90 00	170 02	3,117 0	-2,923 8	556 5	2,976 0	0 00	0 00	0 00
"TD" 90.00 @ 5911'MD'									

Design Targets									
hit/miss target Shape	Dip Angle (°)	Dip Dir (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Toe - plan hits target center - Point	0 00	0 22	3,117 0	-2,923 8	556 5	2,158,974 86	607,894 13	36° 55' 57 695 N	107° 27' 51 041 W
Land - plan misses target center by 0 1usft at 3350 8usft MD (3116 9 TVD, -402.2 N, 113 0 E) - Point	0 00	0 22	3,117 0	-402 2	113 0	2,161,494 66	607,440 88	36° 56' 22 629 N	107° 27' 56 504 W

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,709 0	2,708 7	-0 1	36 5	STK @ 2709'MD DLS 14 00/100' TFO 79 80
3,350 8	3,116 9	-402.2	113 0	"LAND" 90 00 @ 3351'MD
5,911 1	3,117 0	-2,923 8	556 5	"TD" 90 00 @ 5911'MD