Milliam E Carr



William F. Carr wcarr@hollandhart.com

June 9, 2006

# **HAND-DELIVERED**

-t, . . . ..

Mark E. Fesmire, P. E.
Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

AND JUN 9 PM 3 15

# Re: URGENT Request to Return or Keep Wells on Production

Applications of Williams Production Company for Horizontal Drilling and Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

### Dear Mr. Fesmire:

On June 6, 2006, Williams Production Company filed applications for approval of horizontal drilling and unorthodox surface and bottomhole locations in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico and has requested that these applications be set for hearing on the July 6, 2006 Examiner Hearing Docket. Williams filed these applications for hearing at the direction of Mr. Stogner.

These applications were originally filed administratively in July 2005. At that time, Williams was advised that the applications could be approved at the district level. The applications were then sent to the Aztec District Office for approval. No action was taken on the applications by either the Santa Fe or Aztec offices. After waiting several months, and obtaining approval from the Bureau of Land Management, Williams proceeded to drill all three wells. Williams was contacted by the district office approximately two weeks ago and was told to shut-in the Rosa Unit Well No. 350, located in Section 10, Township 31 North, Range 5 West, to which Williams complied. The district office is now ordering the Rosa Unit Well No. 382 located in Section 12, Township 31 North, Range 5 West, to be shut-in.

After discussing the matter with both the Santa Fe and district offices, Williams attempted to resubmit the applications for administrative approval at the Santa Fe office on June 6, 2006. However, Mr. Stogner advised that these applications should be set for hearing and that additional notice should be provided. Although the wells are located within the boundaries of the Rosa Unit in which is operated by Williams, they are not located within a participating area and, therefore, Williams was directed to provide notice to those working interest owners in the adjoining tracts om which Williams is encroaching. Division Rule 1210 requires that:



In the event the proposed unorthodox well's operator is also the operator of an existing, adjoining spacing unit, and ownership is not common between the adjoining spacing unit and the spacing unit containing the proposed unorthodox well, then "affected persons" include all working interest owners in that spacing unit.

For each application, the subject spacing unit is offset of all sides by the Rosa Unit except for in Section 2 which is part of the Carracas Canyon Unit operated by Energen Resources Corporation. Energen was duly notified pursuant to Division rules. Williams has reviewed the ownership of all affected offsetting tracts and has confirmed that all proper notice has been given pursuant to applicable Division rules. In all other adjoining spacing units toward which the unorthodox well locations encroach in Sections 10, 11 and 13, the ownership is identical with the tracts on which these wells are located and therefore, no notice is required.

Shutting in these wells pending approval of these applications will run the risk of causing permanent damage to the well bores and the loss of reserves. Accordingly, Williams seeks immediate interim relief from the Division to allow it to return or keep the subject wells on production pending the issuance of an order following the July 6, 2006 Examiner hearing on these applications.

Your attention to this request is appreciated.

Sincerery,

William F. Carr

**Enclosures** 

cc: Vern Hansen (w/enclosures)

Charlie Perrin Michael Stogner

CASE NO.13740: Application of BEP Co., L.P. for Compulsory Pooling, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Morrow formation in the following described spacing and proration units located in the E/2 of Section 25, Township 23 South, Range 29 East, N.M.P.M., Eddy County, New Mexico: the E/2 for all formations and/or pools developed on 320-acre spacing which includes but is not necessarily limited to the Undesignated Laguna Grande-Wolfcamp Gas Pool, the Undesignated Nash Draw-Atoka Gas Pool, the Undesignated Nash Draw-Strawn Gas Pool and the Undesignated Remuda -Wolfcamp Gas Pool; the SE/4 for all formation and/or pools developed on 160-acre spacing within this vertical extent; and the NE/4 SE/4 for all formation and/or pools developed on 40-acre spacing which includes but is not necessarily limited to the Undesignated Nash Drawn-Delaware Pool and the Undesignated Remuda -Wolfcamp Pool. Said units are to be dedicated to its Remuda Basin 25 State Well No. 1 to be drilled at a standard location 1980 feet from the South line and 660 feet from the East line (Unit I) of said Section 25 to an approximate depth 14,200 feet. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of BEPCo., L.P. as operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 9 miles East of Loving, New Mexico.

<u>CASE NO. 13741</u>: Application of EOG Resources, Inc. for Approval of an Unorthodox Well Location, Eddy County, New Mexico. Applicant seeks authorization for an unorthodox well location for its Rhine 13 Federal Well No. 1 (API No. 30-015-34184) to be re-entered and completed from the Wolfcamp formation 1680 feet from the South line and 150 feet from the East line (Unit I) of Section 13, Township 17 South, Range 24 East, NMPM, Eddy County, New Mexico. Said well will be dedicated to a standard 320-acre spacing and proration unit comprised of the S/2 of Section 13. Said well is located approximately 7 miles West of Artesia, New Mexico.

CASE NO. 13742: Application of OXY USA WTP Limited Partnership for Compulsory Pooling, Lea County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Morrow formation in the following described spacing and proration unit located in the S/2 of Section 31, Township 16 South, Range 32 East, N.M.P.M., Lea County, New Mexico: the W/2 for all formations and/or pools developed on 320-acre spacing which includes but is not necessarily limited to the Fren Northeast-Morrow Gas Pool. OXY proposes to dedicate the above-referenced spacing or proration unit to its Great Horned Owl State Well No. 1 to be drilled at a standard gas well location 1120 feet from the South line and 1930 feet from the East line (Unit O) of said Section 31. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of OXY USA WTP Limited Partnership as operator of the well and a charge for risk involved in drilling said well. Said area is located approximately 3 miles Northwest of Maljamar, New Mexico.

<u>CASE NO. 13743</u>: Application of Williams Production Co. for Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico. Applicant seeks an exception to the requirements of Rule 7 of the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool to authorize the drilling of its Rosa Unit Well No. 351A as an intentionally deviated horizontal wellbore on a standard coalbed methane gas spacing unit comprised of the W/2 of Section 11, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. The spacing unit will be the Project Area for this horizontal well. The surface location for said well is 1310 feet from the North line and 215 feet from the West line of said section. The Point of Entry into the Fruitland Coal is 1390 feet from the North line and 705 feet from the West line and the



June 29, 2006

# **HAND-DELIVERED**

Mr. Mark E. Fesmire, P.E.

Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: <u>Case No. 13743</u>: Application of Williams Production Co. for Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico

<u>Case No. 13744</u>: Application of Williams Production Co. for Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

<u>Case No. 13745</u>: Application of Williams Production Co. for Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

Dear Mr. Fesmire:

Williams Production Co. hereby requests that the Examiner Hearing in the above-referenced cases that is currently scheduled for July 6, 2006, Examiner hearing docket be dismissed as the cases are being handled administratively.

Your attention to this request is appreciated.

Very truly yours,

Ocean Munds-Dry for Holland & Hart LLP

WFC:keh

# STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 13743 Order No. R-12592

APPLICATION OF WILLIAMS PRODUCTION COMPANY FOR HORIZONTAL DRILLING AND AN UNORTHODOX SURFACE AND BOTTOMHOLE LOCATION IN THE BASIN-FRUITLAND COAL GAS POOL, RIO ARRIBA COUNTY, NEW MEXICO.

# ORDER OF THE DIVISION

# BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on July 6, 2006, at Santa Fe, New Mexico, before Examiner Richard I. Ezeanyim.

NOW, on this 7<sup>th</sup> day of July, 2006, the Division Director, having considered the record and the recommendations of the Examiner,

# **FINDS THAT**:

The applicant's request for dismissal should be granted.

# IT IS THEREFORE ORDERED THAT:

Case No. 13743 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

SEAL

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MARK E. FESMIRE, PE

Director



Ocean Munds-Dry Associate omundsdry@hollandhart.com

	June 6, 2006	2006
HAND-DELIVERED		
Mark E. Fesmire, P. E.		O
Director	i2	
Oil Conservation Division	13740	PM
New Mexico Department of Energy,	Case (3743	-c
Minerals and Natural Resources	Columb	c.s
1220 South Saint Francis Drive		ည
Santa Fe. New Mexico 87505		

Re: Application of Williams Production Company for Horizontal Drilling and Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

# Dear Mr. Fesmire:

Enclosed is the Application of Williams Production Company in the above-referenced case as well as a copy of a legal advertisement. Williams requests that this application be placed on the docket for the July 6, 2006 Examiner hearings.

Sincerely,

Ocean Munds Dry

# **Enclosures**

cc: Vern Hansen (w/enclosures)

CASE 13743:

Application of Williams Production Co. for Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico. Applicant in the above-styled cause seeks an exception to the requirements of Rule 7 of the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool to authorize the drilling of its Rosa Unit Well No. 351A as an intentionally deviated horizontal wellbore on a standard coalbed methane gas spacing unit comprised of the W/2 of Section 11, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. The spacing unit will be the Project Area for this horizontal well. The surface location for said well is 1310 feet from the North line and 215 feet from the West line of said section. The Point of Entry into the Fruitland Coal is 1390 feet from the North line and 705 feet from the West line and the terminus is 1700 feet from the North line and 2620 feet from the West line of the section. Said area is located approximately 9 miles southeast of Arbolies, Colorado.

DATE IN	SUSPENSE	ENGNEER	LOGGEDIN	TYPE	APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau 1220 South St. Francis Drive, Santa Fe. NM 87505



		1220 South St. Francis Drive, Santa Fe, NM 87505	
		ADMINISTRATIVE APPLICATION CHECKLIST	
T	HIS CHECKLIST IS M	ANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AN WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE	D REGULATIONS
Applik	Wod-DHD] PG-Pd]		ngling] n(]
[1]	TYPE OF A	PPLICATION - Check Those Which Apply for [A]	
	[A]	Location - Spacing Unit - Simultaneous Dedication  NSL NSP SD	
		One Only for [B] or [C]	2006
	[B]	Commingling - Storage - Measurement  DHC CTB PLC PC OLS OLM	JUN
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI EOR PPR	တ
	[D]	Other: Specify	PM 12
[2]	NOTIFICAT	TON REQUIRED TO: - Check Those Which Apply, or Does Not Apply  Working, Royalty or Overriding Royalty Interest Owners	12 Y <b>1</b>
	[B]	Offset Operators, Leaseholders or Surface Owner	·
	[C]	Application is One Which Requires Published Legal Notice	
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office	
	[E]	For all of the above, Proof of Notification or Publication is Attached, and	d/or,
	[F]	Waivers are Attached	
[3]	SUBMIT AC	CURATE AND COMPLETE INFORMATION REQUIRED TO PROCES ATION INDICATED ABOVE.	SS THE TYPE
[4] appro applic	oval is <b>accurate</b> a	TION: I hereby certify that the information submitted with this application for and complete to the best of my knowledge. I also understand that no action will equired information and notifications are submitted to the Division.	administrative I be taken on this
1	Note	s: Statement must be completed by an individual with managerial and/or supervisory capacity	<i>i</i> .
WIU Print	Or Type Name	Signature Sau Ampented Title	6/6/06 Date
		warra holland	<u>lelelou</u> Date Vart.com



William F. Carr wcarr@hollandhart.com

Case 13743

June 6, 2006

# HAND DELIVERED

Mark Fesmire, P.E.
Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Williams Production Company, L.L.C. for Administrative Approval of Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico. Rosa Unit Well No. 351A

### Dear Mr. Fesmire:

Pursuant to the provisions of Division Rule 111.C(2) and Rules 8 and 9 of the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool, as promulgated by Division Order No. R-8768 dated October 17, 1988, Williams Production Company, L.L.C. hereby files its application for an administrative exception to the requirements of Rule 7 as amended by Division Order No. R-8768-B, effective February 10, 2000, for the drilling of its Rosa Unit Well No. 351A as an intentionally deviated horizontal wellbore on a standard coalbed methane gas spacing unit comprised of the W/2 of Section 11, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. This spacing unit will be the Project Area for this horizontal well.

Rule 7 of the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool provides that wells shall be located in the NE/4 or SW/4 of a single governmental section and shall be located no closer than 660 feet to any outer boundary of the spacing unit nor closer than 10 feet to any interior quarter or quarter-quarter section line.

The Rosa Unit Well No. 351A has been drilled by Williams Production Company as operator of the Rosa Unit. The surface location for the proposed Rosa Unit Well No. 351A well is 1310 feet from the North line and 215 feet from the West line of said Section 11, Township 31 North, Range 5 West, and is therefore does not comply with Rule 7 of the Special Rules and Regulations for the Basin Fruitland Coal Gas Pool. This unorthodox surface location is necessary to enable Williams to enter the Fruitland

### Holland & Hart up

# HOLLAND&HART...

Coal at the proposed Entry Point and thereby have as much of the horizontal portion of the wellbore as possible in the Project Area for the well. The Point of Entry into the Fruitland Coal is 1390 feet from the North line and 705 feet from the West line of Section 11. The lateral portion of the well is projected to a point 1700 feet from the North line and 2620 feet from the West line of the section or approximately 10 feet from the outer boundary of the Project Area for the well (W/2 of Section 11). The horizontal portion of the wellbore of the Rosa Unit Well No. 351A will be entirely confined within the NW/4 of Section 11. The wellbore is therefore unorthodox under to Division Rule 111.C (2) and Rule 7 of the Special Pool Rules and Regulations for the Basin-Fruitland Coal Gas Pool.

Williams proposes to drill a vertical well to a kick-off point at a depth of 3147.83 feet and build a curve at a rate of 12.00 degrees per 100 feet and drill until a 90 degree curve is achieved at a true vertical depth of 4053.61 feet. Williams proposes to then drill a lateral in an easterly direction along an azimuth of 98.85 degrees for a bottomhole displacement of approximately 1942.4 feet to a terminus in the NW/4 of Section 11 at a point 1700 feet from the North line and 2620 feet from the West line of said Section 11.

The spacing unit for the proposed horizontal well comprised of the W/2 of said Section 11 is located within the Rosa Unit, a voluntary exploratory unit operated by Williams Production Company, LLC. This spacing unit/project area is offset on the all sides by the Rosa Unit except for Section 2 which offsets this spacing unit project/area to the north that is located in the Carracas Canyon Unit which is operated by Energen Resources Corporation. Pursuant to Rules 8 and 9(A)of the Special Pool Rules for the Basin Fruitland Coal Gas Pool, Energen Resources Corporation has been notified of this application by certified mail and have been advised that if they have objections to this application the objection must be filed in writing with the Santa Fe Office of the Division located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within 20 days of the date of this application or the application may be approved.

Attached to this application are the following documents:

Exhibit A. Plats showing the proposed spacing unit, the unorthodox surface location, projected horizontal wellbore and the proposed lateral end of the wellbore and the boundary of the offsetting Carracas Unit;

**Exhibit B.** A copy of Division Form C-102 identifying the proposed 320-acre standard gas spacing or proration unit/project area to be dedicated to the well; and

Exhibit C. The Halliburton Sperry-Sun Proposal Report for the Rosa Unit Well No. 351A which contains schematic drawings of the proposed well that fully



describe the casing, tubing, perforated or open hole interval, kick-off point, and proposed trajectory of the directional wellbore.

Enclosed in hard copy and on disc is a proposed order granting this application.

Your attention to this matter is appreciated.

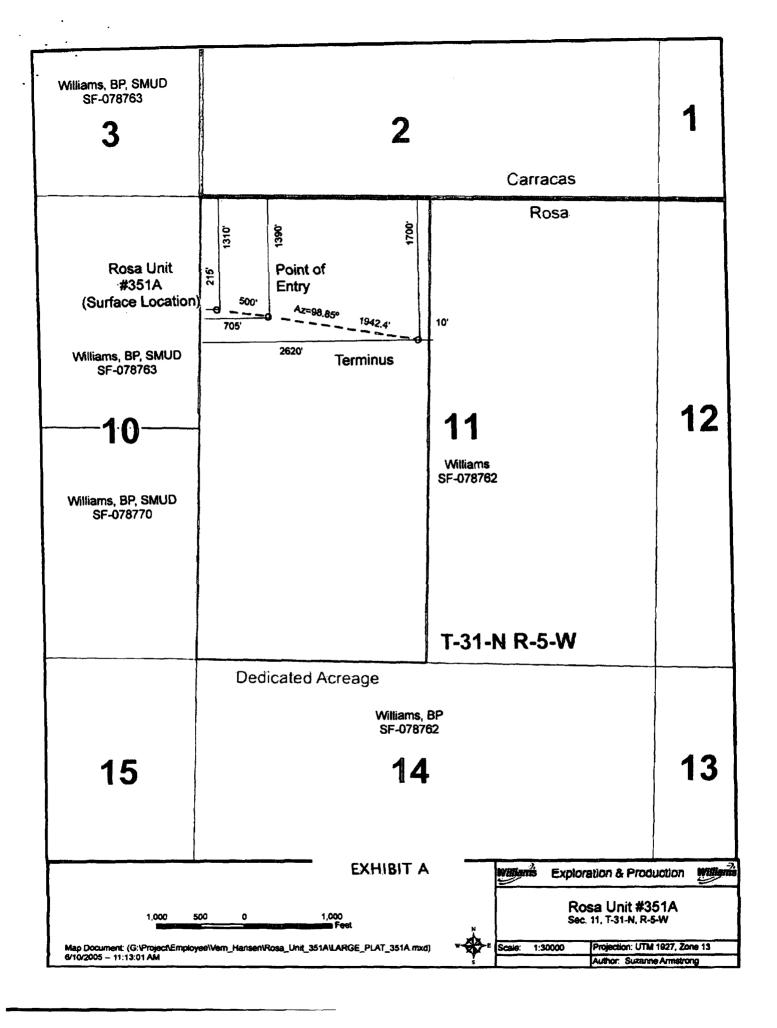
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William F. Carr

Attorney for Williams Production Company

**Enclosures** 

cc: Oil Conservation Division-Aztec



	Rio Arriba 34	T-32-N 35	36
4	Rosa Williams, 8P, SMUD SF-078763	T-31-N 2	1 Carracas
9	Rosa Unit #351A (Surface Location) Williams, BP, SMUD SF-078763 	Point of Errby New Terminus  11  Williams SF-078782  ROSA 351	Rosa 8P SF-076762 12
16	Williams, BP, SMUD SF-078770	Dedicated Agreage  Williams, 8P SF-078782	• Witiama, 8P SF-076762 13 ROSA 371 ☆

,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 Orawer DO, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec. NM 87410 OIL CONSERVATION DIVÍSION PO Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

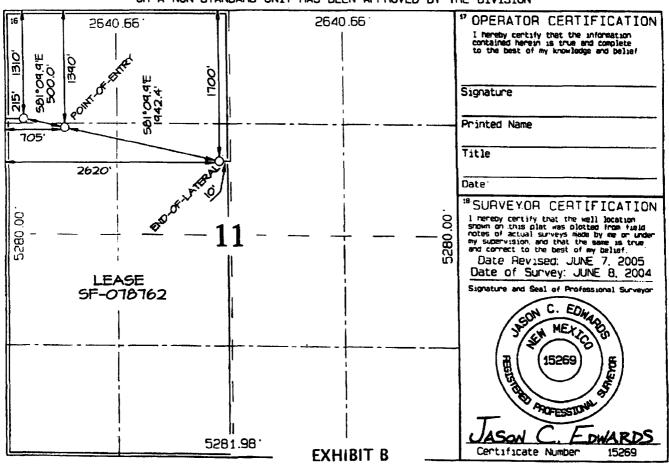
District IV PO Box 2088, Santa Fe, NM 87504-2088

# WELL LOCATION AND ACREAGE DEDICATION PLAT

<b>'A</b>	PI Number	•		71629		BAS	IN FRUITLA	-	
*Property 1703:	1				*Property ROSA L				Well Number 351A
12078	_			WILLI	*Operator AMS PRODUC	Name CTION COMPAN	ΙΥ	_	*Elevation 6825
				1	O Surface 1	ocation			
eu, or let ne.	Section 11	31N	Range 5W	Lot Idn	Feet from the	NORTH	Feet from the 215	WEST	RIO ARRIBA
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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





# Williams Production Company Rosa Unit #351A - Plan 052605 Sec. 11-T31N-R05W **Rio Arriba County New Mexico**

Revised: 8 June, 2005

# Hallburton Spery-Drilling Proposal Report

8 June, 2005

Data Source: Mr. Gary Sizernore Surface Coordinates: 2153778.68 N, 644275.04 E (36° 55' 04.6862" N, 107° 20' 23.2724" W) Grid Coordinate System: NAD27 New Mexico State Planes, Western Zone

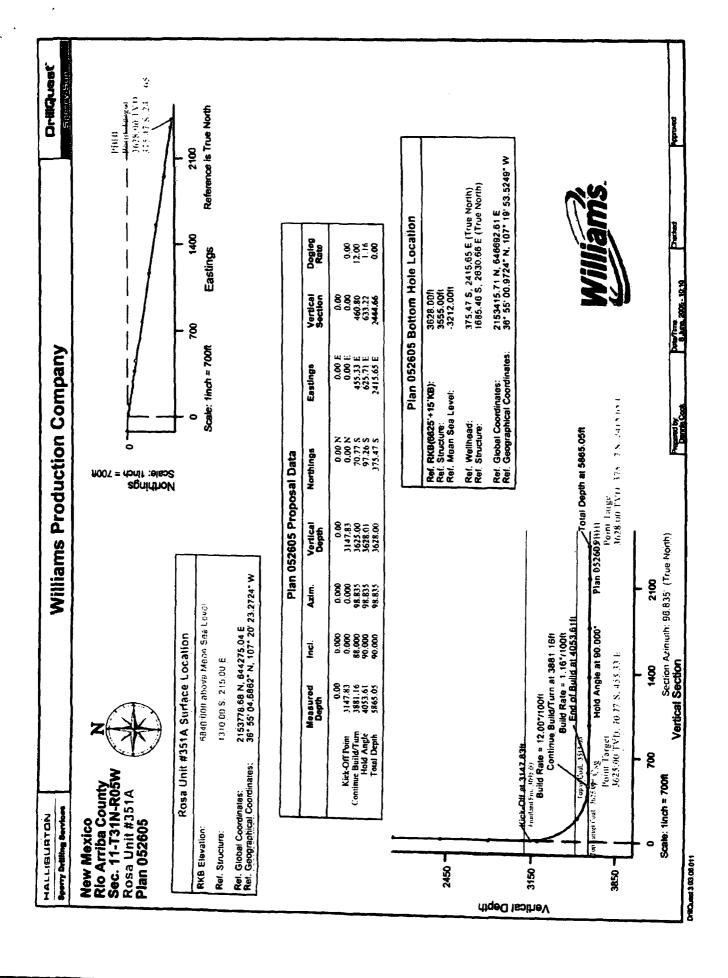
Surface Coordinates relative to Global Coordinates: 648787.56 N, 346594.28 E (Grid) Surface Coordinates relative to Structure: 1310.00 S, 215.00 E (True) Kefty Bushing Elevation: 6840.00ff above Mean Sea Level Kefty Bushing Elevation: 73.00ff above Structure

Proposal Ref: pro8521

MALLIBURION

Sperry Drilling Services

**EXHIBIT C** 



Rio Arriba County

Sperry Drilling Services

# Proposal Report for Sec. 11-T31N-R05W - Rosa Unit #351A - Plan 052605

Data Source: Mr. Gary Sizemore Revised: 8 June, 2005

Measure Depth (ft)	Inci. Angle (Deg.)	Drift Direction (Deg)	True Vertical Depth	Vertical Section (ft)	Local Coordinates N-S E-W (ft) (ft)	ordinates E-W (ft)	Dogles Severit ("Hoofi)	Lease Calls FNL-FSL FE (M)	Calls FEL-FW. (ft)	Giobal Coordinates Grid Y Grid (ft) (ft)	ordinates Grid X (ft)
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DrillQuest 3.03.06.011

Measure Depth	Incl. Angle	Drift Direction	True Vertical	Vertical Section	Local Co.	Local Coordinates N-S E-W	Dogleg Severit	Lease Calls FNL-FSL FE		Global Coordinates Grid Y Grid	rdinates Grid X (ft)
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4800.00		<b>8</b> 83 83 83 83 83 83 83 83 83 83 83 83 83	3628 Ot	1379.61	211.88.5	1363.24 E	9.00	1521.88 FML	1578.24 FWL	2153573.84 N	645639.30 E
4900.00	0000	86.835	3628.01	1479.61	227.24 S	1462.05 E	<b>6</b> .00	1537.24 FNL	1677.05 FWL	2153559.00 N	645/38.25 E
									1		5 44 E
900000	90,000	98.835	3628.00	1579.61	242.60 S	1560.87 E	<b>8</b> .	1552.60 FM.	1775.87 FWL	2133544.15 N	945054.14 E
5100.00	90.000	88.635	3628.00	1679.61	257.96 \$	1659.88 E	<b>0</b> .00	1567.98 FML	1874.68 FWL	2153529.30 N	040050.W
5200.00	00000	88 835	3628.00	1779.61	273.32 S	1758.49 E	8	1583.32 F.N.	1973.49 FWL	2153514.45 N	2000040
San on	0000	<b>SE 835</b>	3628.00	1879.61	288.67 S	1857.31 E	0.0	1598.67 FNE.	2072.31 FWL	2153489,61 N	646133.62 E
5400.00	0000	98.835	3628.00	1979.61	304.03 \$	1956.12 E	0.0	1614.03 FNL	2171.12 FWL	2153484.76 N	646232./1 E
							8		2280 02 EVA	2153469 91 N	646331.80 E
\$500.00	90.00	98.835	3628.00	2079.61	319.39 5	2054.83 E	3	100.001	2000 75 7146	DAESARE OR N	RARATO 49 E
990000	90.00	88.835	3628.00	2179.61	334.75 \$	2153.75 E	9	10.45 10.45	2300.70 FWL	100000000	0.00000
620000	000.06	88 835	3628.00	2279.61	350.11 S	2252.56 E	0.0 0.0	1660.11 FRE	2467.56 FWL	2153440.ZZ N	10000000
5600.00	9000	98.835	3626.00	2379.61	365.47 S	2351.38 E	9.0	1675.47 FNL	2586.38 FW.	2153425.37 N	0400×0.47 E
Total Depth at 5865.05ff,	5865.05ft,	Tag	- PBHL, C	et - PBHL, Current Target	rget	1	•		A617 00 0000	24E244E 24 N	646892.61 E
5885.05	90.00		3628.00	244.66	375.46 S	2415.06 E	8	1085.40 FINE	2030.000 FWL	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

All data is in Feet (US) unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to RKB(6225\*+15\*KB). Northings and Eastings are relative to Welthead.

Based upon Minimum Curvature type calculations, at a Measured Depth of 5685.05ft., The Bottom Hole Displacement is 2444.86ft., in the Direction of 98.835" (True).

Sperry Drilling Services

Williams Production Company
New Mexico
Rio Arriba County

Proposal Report for Sec. 11-T31N-R05W - Rosa Unit #351A - Plan 052605

Data Source: Mr. Gary Sizemore

Revised: 8 June, 2005

# Comments

	Comment	Kick-Off at 3147.83ft	Continue Build/Turn at 3881.16ft	End of Build at 4053.61ft	Total Depth at 5865.05ft
nates	Eastings (ft)	0.00 E	455.33 E	625.71 E	2415.66 E
lon Coordi	VD Northings Eastings (f) (ft) (ft)	0.00 N	70.77 \$	97.25 S	375.46 S
Sta	ŞĒ	3147.83	3625.00	3628.01	3628.00
Measured	Depth (ft)	3147.83	3881.16	4053.61	5865.05

# Formation Tops

		Formation Name	Kirtland Shale	Frusterns Firm	Top of Coal	Top Target Coal
Point		Eastings (ft)	0.00 E	0.00 E	170.21 E	455.33 E
ation Po		Depth Northings (ft)	0.00 N	X 00:0	28.45 S	70.77 S
Penetr	Sub-Sea	Capth (#)	-5215.00	-3745.00	-3325.00	-3215.00
. o f i l o	Vertical	Depth (A)	1625.00	3095.00	3515.00	3625.00
ā	Messured	Dept Ept	1625.00	3085.00	3566.70	3881.16
			180.683	180.683	180.683	180,683
ti on P	Vell Ori	Angle	0.00	0.00	0.00	6.00 00
Forma	(Below	Sub-See Dip Up-Dip (ft) Angle Dim.	-5215.00	-3745.00	-3325.00	-3215.00

Sperry Drilling Services

New Mexico Rio Arriba County

Williams Production Company

Proposal Report for Sec. 11-T31N-R05W - Rosa Unit #351A - Plan 052605

Data Source: Mr. Gary Sizemore

Revised: 8 June, 2005

# Targets associated with this wellpath

	target target Shape Type	d Current Target	# Current Target
(	Sha	Point	Point
dinates	Esstings (ft)	70.77 S 455.33 E 2153710.26 N 644730.74 E 36° 55° 03.9863" N 107° 20° 17.6651" W	375.46 S 2415.68 E 2153415.71 N 646692.61 E 36° 55' 00.9724" N 107" 19' 53.5248" W
et Entry Cool	TVD Northings Easting (ft) (ft)	70.77 S 2153710.26 N 36° 55' 03.9863" N	375.46 S 2153415.71 N 36* 55 00.9724" N
Tard	ŞE	3625.00 -3215.00	3628.00 -3212.00
		Mean Sea Level/Global Coordinates: Geographical Coordinates:	Meen Sea Level/Global Coordinates: Geographical Coordinates:
	Target Name	7* Csg	Ē

IALLIBUATOS

# North Reference Sheet for Sec. 11-T31N-R05W - Rosa Unit #351A

Coordinate System is NAD27 New Mexico State Planes, Western Zone, US Foot Source: Snyder, J.P., 1987, Map Projections - A Working Manual

Datum is North American Datum of 1927 (US48, AK, H., and Camada)

Equatorial Radius: 6378206.400m. Polar Radius: 6356583.800m. Spherold is Clarke - 1866

Inverse Flattening: 294.978698213901

Projection method is Transverse Mercator or Gauss Kruger Projection Central Meridian is -107.833°

Longhude Origin: 0.000\*

Latitude Origin: 31.000\*

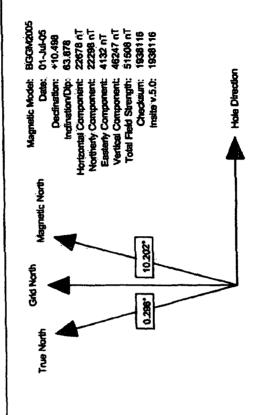
False Easting: 152400.00m False Northing: 0.00m

Scale Reduction: 0.99991667

Grid Coordinates of Well: 2153778.68 N, 644275.04 E Geographical Coordinates of Well: 36\* 55' 04.6662\* N, 107\* 20' 23.2724\* W Surface Elevation of Well: 6640.00ft

Grid Convergence at Surface is +0.296\*

Magnetic Declination at Surface is +10.498" (1 July, 2005)



Girld North is 0.296" East of True North (Grid Convergence) Megnetic North is 10.496" East of True North (Megnetic Declination). Megnetic North is 10.202" East of Grid North (Megnetic Convergence)

To convert a Magnetic Direction to a True Direction, Act 10.498 degrees To convert a Magnetic Direction to a Grid Direction, Act 10.202 degrees To convert a True Direction to a Grid Direction, Subtract 0.286 degrees

Halliburton Sperry-Sun

Williams Production Company Rosa Unit #351A - Plan 052605

New Mexico Rio Antha County Sec. 11-T31N-RIOSW Data Source: Mr. Gary Sizemore

												12	100 - 101 - 101 - 100 -																					On Trabai Dworth at Sees OSA - Target - PBHL. Current Target	
Dogleg	0	O Kirtland Shale	O Fruitland Fm	0 Kick-Off at 3147.83ft	12	12	12	12	12 Top of Coal	<del>4</del>	12	12	12 Commue Build I um at a	1.16	1.16	1.16 End of Build at 4053.61m	0 '	0	0	0	•	0	<b>.</b>	<b>&gt;</b> (	<b>&gt;</b> «	•	<b>-</b>	•	<b>&gt;</b> (	<b>.</b>	<b>&gt;</b> (	•	<b>.</b>	O Total Death at 5885 05	
Vert. D	0	0	0	0	2.85	24.05	<b>8</b> 2.08	1.24.1	172.25	198.58	285.25	380 380 380 380 380 380 380 380 380 380	460.8	479.63	579.6	833.22	679.61	779.61	879.61	979.61	1079.61	179.61	1279.61	1379.61	1478.61	15/8/61	16/8/61	17/8/61	18/9/81	1979.61	28.63	27.78.61	19.67.22	244 BB	3
Global	644275.04 E	644275.04 E	644275.04 E	644275.04 E	644277.86 E	644298.82 E	644339.38 E	644397.78 E	644445.38 E	84471.42E	944567.13 E	644651.15 E	644730.74 E	644749.36 E	644848.23 E	644901.24 E	644947.12 E	845046.01 E	645144.80 E	645243.79 E	645342.68 E	645441.58 E	645540.47 E	645639.36 E	645738.25 E	645837.14 E	645936.03 E	646034.83 E	646133.82 E	648232.71 E	646331.60 E	646430.49	646629.38 E	646626.27 E	(#0000C.01 E
Giobal	2153778.68 N	2153778.68 N	2153778.68 N	2153778.68 N	2153778.26 N	2153776.11 N	2153769.02 N	2153780.28 N	2163763.11 N	2153749.20 N	2153736.33 N	2153722.21 N	2153710.28 N	2153707.47 N	2153892.62 N	2153684.68 N	2153677.78 N	2153862.93 N	2153848.08 N	2153633.23 N	2153618.39 N	2153803.54 N	2153588.69 N	2153573.04 N	2153559.00 N	2153544.15 N	2163629.30 N	2163514.45 N	2153499.61 N	2153484.76 N	2153469.91 N	2153455.06 N	2153440.22 N	Z153425.37 N	N C G LESS IN
Local	0.00 E	000 E	3000	000	2.81 E	23.78 E	64.29 E	122 63 E	170.21 E	196.22 E	281.87 E	375.81 E	456.33 E	473.94 E	572.73 E	626.71 E	671.54 E	770.38 E	869.17 E	967.98 E	1086.80 E	1165.61 E	1264.42 E	1383.24 E	1462.05 E	1560.86 E	1669.68 E	1758.49 E	1867.31 E	1956.12 E	2064.83 E	2153.75 E	2252.50 E	2361.37 E	2415.05 E
Local	N 00'0	N 00 0	N 00 0	N 00 0	24.5	8	68.00 S.00	19.08.5	26.46 S	30,50 S	43.81.5	58.41 S	70.77 S	73.67 S	89.02 S	97.28 S	104.38 S	119.74 S	135.10 S	150.46 S	166.82 S	181.18.5	196.53 \$	211.89 S	227.25 S	242.61 S	257.97 S	273.338	288.88	304.05 S	319.41 S	334.76 S	360.12.5	365.48 S	375.47 8
Vert L	c	1625	3085	2147 RG	2100 0	2097 44	77 680	3468.92	3515	3535.38	3564.89	3615.3	3855	3625.62	3627.72	3628.01	3626.01	3628.01	3628.01	3628.01	3826.01	3828.01	3628.01	3628.01	3628.01	3626	9838 8638	3628	3628	3628	3628	3628	98 98 98	8798	8628
Sub-Sea	6840	Š	37.46	2002	-08AD	25.62 E.R.	25.52	8	988	304 A2	256.11	224.7	\$15	3214.38	3212.28	271.90	2211.09	221.99	2211.99	2211.99	2211.99	2211.99	2211.99	2211.99	2211.99	<b>8212</b>	\$212	\$ \$ \$	\$2.55 \$2.55	3212	₹ <b>2</b> 5	<b>6212</b>	<b>42</b> 42	\$ <u>7</u> 2	<b>8</b> 242
š	c	· c	• 0	• •																													<b>38.636</b>		
	c	<b>.</b>	•	• <	9	20.00	2	196 09	5 285	54.261	58	78.261	8	88.218	89,378	8	8	8	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Meas.	•	4696	ğ	2447.00	8.75	888	38		35667	000	902	880	3881 16	3900	4000	4053.61	4100	6200	4300	4400	980	94	670	4800	4900	2000	5100	2500	2300	2400	8600	2600	5700	2800	5865.05

All data is in feet (us) unisse otherwise stated. Ofrections and coordinates are relative to True North. Vertical depths are relative to FNB(6825"+15"NB). Northings and Eastings are relative to Welfread.

The Dogleg Seventy is in Degrees per 100 feet. Vertical Section is from Welthead and calculated along an Azimuth of 99.835" (True).

Based upo at a Measured Depth of 6885.05ft. The Botton in the Direction of 88.635" (True).

June \_\_\_, 2006

Williams Production Company, L.L.C. c/o Holland & Hart LLP
Post Office Box 2208
Santa Fe, New Mexico 87504-2208
Attention: William F. Carr

Telefax No. (505) 983-6043

A	Administrative Order NSL	
(Non-Standard	Subsurface Location/Producing	Area)

Dear Mr. Carr:

Reference is made to the following: (i) your application on behalf of the operator, Williams Production Company, L.L.C. ("Williams") dated July 1, 2005 (application reference No. \_\_\_\_\_\_); (ii) the records of the New Mexico Oil Conservation Division ("Division") in Aztec and Santa Fe: all concerning William's request for exception to Division Rules 111.A (13) and 111.C (2) and Rule 7 of the "Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool," as promulgated by Division Order No. R-8768, as amended.

# The Division Director Finds That:

- (1) The subject application has been duly filed under the provisions of Division Rule 111.C (2) and the applicable provisions of the special rules governing the Basin-Fruitland Coal (Gas) Pool (71629);
- (2) The special rules governing the Basin-Fruitland Coal (Gas) Pool provides for 320-acre gas spacing units and wells to be located within either the NE/4 or SW/4 of the section and not closer than 660 feet from any outer boundary of the spacing unit nor closer than 10 feet from any quarter-quarter section line or subdivision inner boundary;
- (4) The "project area" proposed by Williams is to consist of a single standard 320-acre stand-up gas spacing unit comprising the W/2 of Section 11, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico;
- (5) It is our understanding that Williams intends to drill its Rosa Unit Well No. 351A (API No. 30-039-\_\_\_\_) from a surface location 1310 feet from the North line and 215 feet from the West line (Unit D) of Section 11, Township 31 North, Range 5 West, and directionally drill a vertical wellbore to an approximate depth of 3147.83 feet, kick-off in an easterly direction, build angle at a rate of 12 degrees per 100 feet until 90 degrees of vertical is achieved at a depth of 4053.61 feet (TVD). The point of entry into the Fruitland Coal will be at a point 1390 feet

from the North line and 705 feet from the West line of Section 11, Township 31 North, Range 5 West and Williams will then directionally drill a horizontal drainhole a lateral distance of 1942.4 feet to an unorthodox terminus location at a point 1700 feet from the North line and 2620 feet from the West line of said Section 11;

- (6) It appears that the applicant has satisfied all of the appropriate requirements prescribed in Division Rule 111.C (2) and Rule 9 (B) of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool; therefore the subject application should be approved; and
- (7) The provisions contained within this order and all other applicable provisions of Division Rule 111 and Division Order No. R-8768, as amended, should govern the subject well and 320-acre gas spacing unit.

### It Is Therefore Ordered That:

- (1) By the authority granted me under the provisions of Rule 9 (B) of the "Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool," as promulgated by Division Order No. R-8768, as amended, the application of Williams Production Company, L.L.C. ("Williams") for exception to Division Rules 111.A (13) and 111.C (2) and Rule 7 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool (71629), is hereby approved. Williams is further authorized to drill its Rosa Unit Well No. 351A (API No. \_\_\_\_\_\_\_) at a surface location 1310 feet from the North line and 215 feet from the West line (Unit D) of Section 11, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, drill vertical to an approximate depth of 3147.83 feet, kick-off in an easterly direction, build angle at a rate of 12 degrees per 100 feet until 90 degrees off of vertical is achieved at a depth of 4053.61 feet (TVD). The point of entry into the Fruitland Coal will be at a point 1390 feet from the North line and 705 feet from the East line of Section 11, Township 31 North, Range 5 West and Williams will then directionally drill a horizontal drainhole a lateral distance of 1942.4 feet to an unorthodox location at a point 1700 feet from the North line and 2620 feet from the West line of said Section 11.
- (2) The "project area" for this well shall consist of a single standard 320-acre stand-up gas spacing unit comprising the W/2 of Section 11.
- (3) An exception to the provisions of Rule 7 of the Special Rules for the Basin-Fruitland Coal (Gas) Pool is hereby granted to permit the horizontal portion of the wellbore to be within a drilling window or producing area for the within the Basin-Fruitland Coal (Gas) Pool for this wellbore 10 feet from the outer boundary of the project area.

- (4) The operator shall comply with all applicable requirements and conditions set forth in Division Rule 111 and Division Order No. R-8768, as amended.
- (6) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

MARK E. FESMIRE, P.E. Director

cc: New Mexico Oil Conservation Division - Aztec U. S. Bureau of Land Management - Farmington





June 6, 2006

# **CERTIFIED MAIL -RETURN RECEIPT REQUESTED**

# AFFECTED INTEREST OWNERS

Re:

Application of Williams Production Company, L.L.C. for Administrative Approval of Horizontal Drilling and an Unorthodox Surface and Bottomhole Location in the Basin-Fruitland Coal Gas Pool, Rio Arriba County, New Mexico.

### Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the Oil Conservation Division on this date by Williams Production Company, L.L.C. for administrative approval of horizontal drilling and an unorthodox surface and bottomhole location in the Basin-Fruitland Coal Gas Pool for its proposed Rosa Unit Well No. 351A. The Project Area for the well will be a standard Fruitland Coal Gas Unit comprised of the W/2 of Section 11, Township 31 North, Range 5 West, NMPM, and the horizontal portion of the wellbore will be entirely confined to the NW/4 of Section 11. The surface location for the well will be at a point 1310 feet from the North line and 215 feet from the West line of Section 11. Williams proposes to drill a vertical well to a kick-off point at a depth of 3147.83 feet and build a curve at a rate of 12.00 degrees per 100 feet and drill until a 90 degree curve is achieved at a true vertical depth of 4053.61 feet. Williams proposes to then drill a lateral in an easterly direction along an azimuth of 98.85 degrees for a bottomhole displacement of approximately 1942.4 feet to a terminus in the NW/4 of Section 11 at a point 1700 feet from the North line and 2620 feet from the West line of Section 11.

As the owner of an interest which will be affected by the proposed well, you may object to this application. Objections must be filed in writing at the Division's Santa Fe office located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within twenty days from the date this notice was sent to you. If no objection is received within twenty days after the Division Director receives this application, the unorthodox location may be approved.

Very truly yours,

William F. Carr ATTORNEY FOR WILLIAMS PRODUCTION COMPANY enc.