

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 "As Drilled"

*API Number 30-045-34989	*Pool Code 97232 / 72319 / 71599	*Pool Name BASIN MANCOS / BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 17033	*Property Name ROSA UNIT	*Well Number 35D
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY	*Elevation 6332'

¹⁰ Surface Location

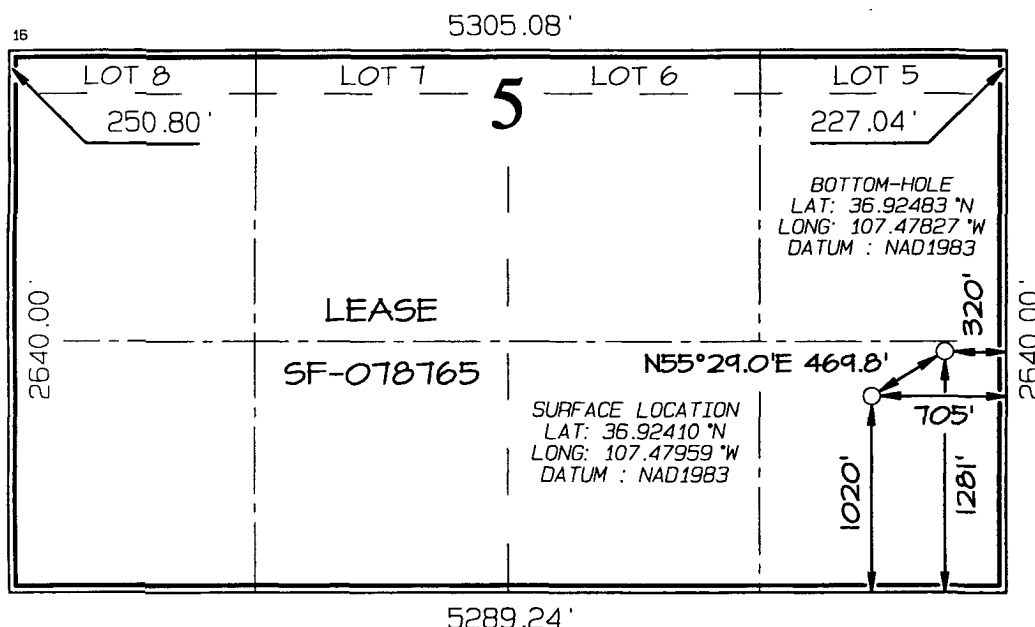
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	31N	6W		1020	SOUTH	705	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	31N	6W		1281	SOUTH	320	EAST	SAN JUAN

¹² Dedicated Acres 350.16 Acres - Entire Section	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL60717 PCNS SEP 18 '03 CONS. DIV.
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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 **DIST. 3**



¹⁷ 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

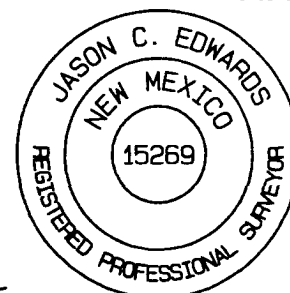
Heather Riley 9/17/09
Signature Date
Heather Riley
Printed Name

¹⁸ 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 Revised: SEPTEMBER 15, 2009
Date of Survey: APRIL 16, 2009

Signature and Seal of Professional Surveyor



Jason C. Edwards
Certificate Number 15269



ROSA UNIT #35D
SAN JUAN CO., NEW MEXICO
API# 30-045-34989

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7117.00	0.88	84.88	7081.37	197.88	391.45	0.00	0.00	438.30	
2	7490.00	0.88	84.88	7454.33	198.39	397.15	0.00	0.00	443.70	
3	7697.05	6.00	345.00	7661.00	209.00	395.94	3.00	252.13	447.01	
4	8025.85	6.00	345.00	7988.00	242.19	387.04	0.00	0.00	452.76	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#35D	0.00	0.00	2155896.30	2826496.34	36°55'26.760N	107°28'46.520W	N/A

Proj to Bit Survey WFT ST02 SVY (#35D/ST-02)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
28	8013.00	5.28	16.70	7974.43	260.50	385.32	0.00	0.00	458.82



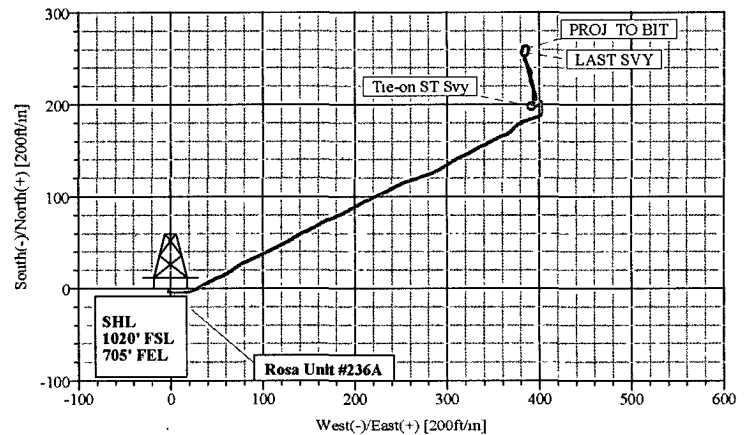
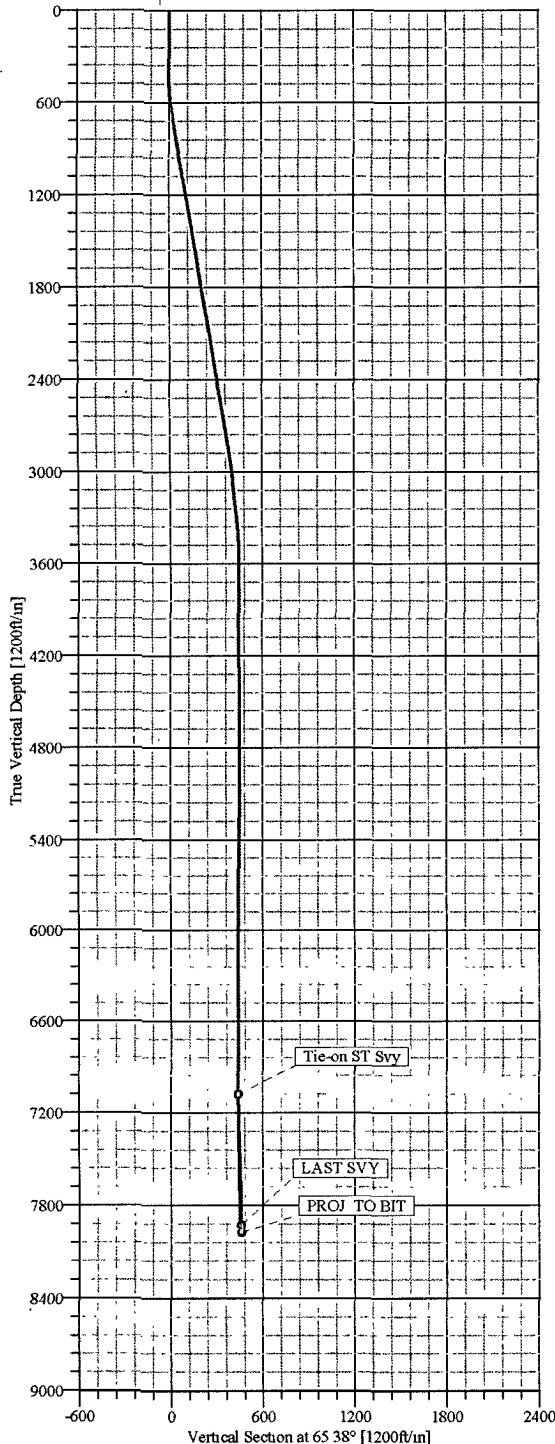
KB ELEV: 6346'
GR ELEV: 6332'

LEGEND

— #35D, ST-02, Plan #1
— WFT ST02 SVY



Azimuths to True North
Magnetic North: 10.01°
Magnetic Field
Strength: 51138nT
Dip Angle: 63.73°
Date: 8/21/2009
Model: Igrf200510
Total Correction to True North: 10.01°



RCVD SEP 18 '09
OIL CONS. DIV.
DIST. 3



Survey WFT ST02 SVY (#35D/ST-02)

Created By Jayne Wilson

Date: 8/27/2009



Weatherford International Ltd.

SURVEY REPORT



Weatherford

Company: WILLIAMS PRODUCTION Field: SAN JUAN CO. NM (NAD83) Site: Rosa Unit #35D Well: #35D Wellpath: ST-02		Date: 8/27/2009 Co-ordinate(NE) Reference: Well: #35D, True North Vertical (TVD) Reference: SITE 6346.0 Section (VS) Reference: Well (0.00N,0.00E,65.38Azi) Survey Calculation Method: Minimum Curvature Db: Sybase		Page: 1						
Survey: WFT ST02 SVY Company: Weatherford International Ltd. Tool: MWD;MWD - Standard		Start Date: 8/24/2009 Engineer: Jayme Wilson Tied-to: From: WFT ST01 SVY								
Field: SAN JUAN CO. NM (NAD83)										
Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level		Map Zone: New Mexico, Western Zone Coordinate System: Well Centre Geomagnetic Model: igrf200510								
Site: Rosa Unit #35D 1020' FSL 705' FEL of SEC 5 T31N R6W										
Site Position: From: Geographic Position Uncertainty: 0.00 ft Ground Level: 6332.00 ft		Northing: 2155896.30 ft Easting: 2826496.34 ft Latitude: 36 55 26.760 N Longitude: 107 28 46.520 W North Reference: True Grid Convergence: 0.21 deg								
Well: #35D Slot Name:										
Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft		Northing: 2155896.30 ft Easting: 2826496.34 ft Latitude: 36 55 26.760 N Longitude: 107 28 46.520 W								
Wellpath: ST-02										
Current Datum: SITE Magnetic Data: 8/21/2009 Field Strength: 51138 nT Vertical Section: Depth From (TVD) ft		Drilled From: 1 Tie-on Depth: 7117.00 ft Above System Datum: Mean Sea Level Declination: 10.01 deg Mag Dip Angle: 63.73 deg +N/-S ft +E/-W ft Direction deg								
0.00		0.00		65.38						
Survey										
MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
7117.00	0.88	84.88	7081.37	197.88	391.45	438.30	0.00	0.00	0.00	Tie-on ST Svy
7233.00	1.04	73.85	7197.36	198.25	393.35	440.18	0.21	0.14	-9.51	
7255.00	1.31	52.38	7219.35	198.46	393.74	440.62	2.33	1.23	-97.59	
7287.00	2.13	20.00	7251.34	199.24	394.23	441.40	3.88	2.56	-101.19	
7302.00	2.94	8.00	7266.32	199.89	394.38	441.80	6.43	5.40	-80.00	
7318.00	4.13	357.88	7282.29	200.87	394.41	442.24	8.37	7.44	-63.25	
7349.00	5.38	354.75	7313.19	203.43	394.24	443.15	4.12	4.03	-10.10	
7381.00	5.63	359.88	7345.04	206.50	394.10	444.30	1.72	0.78	16.03	
7411.00	5.63	0.75	7374.89	209.44	394.12	445.54	0.28	0.00	2.90	
7442.00	5.06	358.38	7405.76	212.33	394.10	446.73	1.97	-1.84	-7.65	
7472.00	4.94	358.50	7435.64	214.94	394.03	447.75	0.40	-0.40	0.40	
7503.00	5.25	348.63	7466.52	217.66	393.71	448.60	2.99	1.00	-31.84	
7534.00	5.63	336.25	7497.38	220.45	392.82	448.95	3.97	1.23	-39.94	
7564.00	5.50	336.25	7527.24	223.11	391.65	448.99	0.43	-0.43	0.00	
7595.00	5.18	343.65	7558.11	225.81	390.66	449.22	2.45	-1.03	23.87	
7626.00	5.44	358.63	7588.98	228.62	390.23	450.00	4.54	0.84	48.32	
7657.00	5.38	10.38	7619.84	231.52	390.45	451.41	3.57	-0.19	37.90	
7688.00	3.88	9.38	7650.74	233.99	390.89	452.83	4.85	-4.84	-3.23	
7719.00	2.63	351.88	7681.69	235.73	390.96	453.62	5.11	-4.03	-56.45	
7750.00	3.63	323.63	7712.64	237.22	390.27	453.62	5.84	3.23	-91.13	
7782.00	4.19	328.25	7744.57	239.03	389.06	453.27	2.01	1.75	14.44	
7811.00	4.88	335.13	7773.48	241.05	387.98	453.14	3.03	2.38	23.72	
7843.00	5.63	338.13	7805.34	243.74	386.82	453.21	2.50	2.34	9.37	
7874.00	6.75	334.63	7836.16	246.80	385.48	453.26	3.81	3.61	-11.29	



Weatherford International Ltd.

SURVEY REPORT



Weatherford

Company: WILLIAMS PRODUCTION Date: 8/27/2009 Time: 16:54:22 Page: 2
Field: SAN JUAN CO. NM (NAD83) Co-ordinate(NE) Reference: Well: #35D, True North
Site: Rosa Unit #35D Vertical (TVD) Reference: SITE 6346.0
Well: #35D Section (VS) Reference: Well (0.00N,0.00E,65.38Azi)
Wellpath: ST-02 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Comment
7905.00	6.56	345.13	7866.95	250.16	384.24	453.53	3.97	-0.61	33.87	
7937.00	5.94	358.50	7898.76	253.58	383.73	454.49	4.93	-1.94	41.78	
7966.00	5.28	16.70	7927.63	256.36	384.07	455.96	6.51	-2.28	62.76	LAST SVY
8013.00	5.28	16.70	7974.43	260.50	385.32	458.82	0.00	0.00	0.00	PROJ. TO BIT

Casing Points

MD	TVD	Diameter	Hole Size	Name

Annotation

MD ft	TVD ft	
7117.00	7081.37	Tie-on ST Svy
7966.00	7927.63	LAST SVY
8013.00	7974.43	PROJ. TO BIT