

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

"As Drilled"
RCVD OCT 17 2008
OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30338		*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL	DIST. 3
*Property Code 17033	*Property Name ROSA UNIT		*Well Number 264A	
*OGRID No 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6587'	

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
L	23	31N	5W		2165	SOUTH	100	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
P	22	31N	5W		909	SOUTH	418	EAST	RIO ARRIBA

¹² Dedicated Acres 320.0 Acres - E/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

Handwritten: 10-23-08

¹⁷ OPERATOR CERTIFICATION

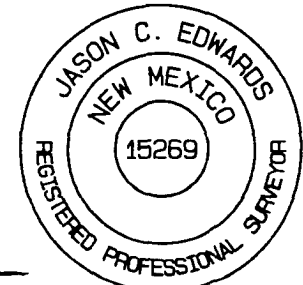
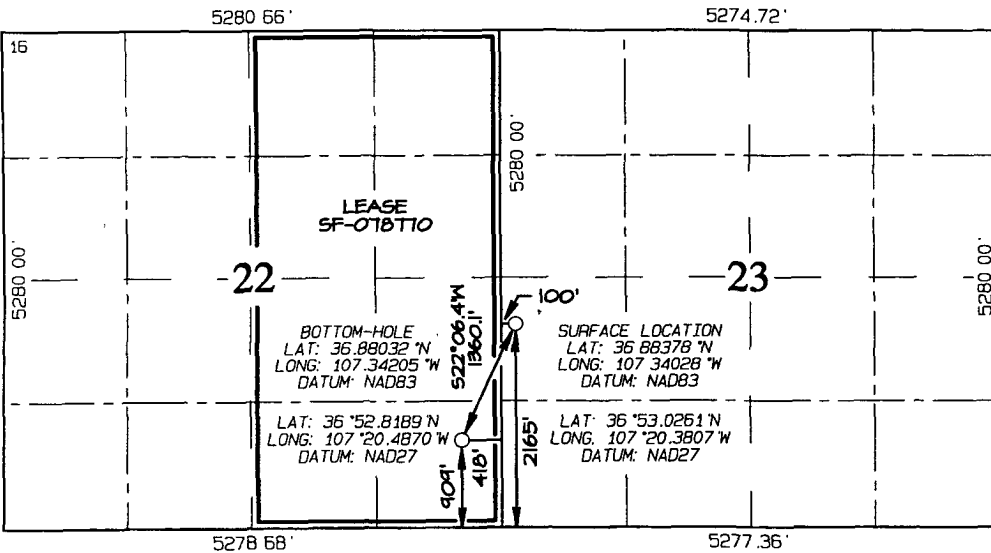
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this 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

Signature: Larry Higgins
Date: 10-17-08
Signature Date
LARRY HIGGINS
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: OCTOBER 16, 2008
Survey Date: NOVEMBER 17, 2006
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

HOLD C104 FOR *NSL*

Handwritten: 8



Scientific Drilling

Gyroscopic Survey Report
for
WILLIAMS

Well Location	Sec. 23, T-31-N, R-5-W Rio Arriba County, New Mexico
Well Name	ROSA UNIT #264A FRT
Rig Name	AWS #520
Survey Date	2008/09/20
Latitude	36.88 deg
North Reference	True North
Grid Correction	0.00 deg
Depth Reference	RKB (14')
Calculation Method	Minimum Curvature
Section (VS) Ref	0.00N (ft), 0.00E (ft), 0.00Azim (deg)
Definitive Survey	Computed from ROSA027.BIN's HighSpeed: InRun
Operator	Brett Lanier

Comments

Survey from RKB to 3843'
Survey RKB (14')
Survey in 2 7/8" Drillpipe
Survey referenced to TRUE NORTH



Survey Report

Well Name: ROSA UNIT #264A FRT
 Survey: Computed from ROSA027.BIN's HighSpeed: InRun
 Survey Date: 2008/09/20

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid	0.00	0.00
100.00	0.58	156.15	100.00	-0.46	-0.46	0.20	0.58	0.50	156.15
200.00	0.67	153.05	199.99	-1.44	-1.44	0.67	0.10	1.59	155.01
300.00	0.50	167.89	299.99	-2.39	-2.39	1.03	0.23	2.60	156.70
400.00	0.73	209.56	399.98	-3.36	-3.36	0.81	0.48	3.46	166.51
500.00	2.85	245.21	499.93	-4.95	-4.95	-1.76	2.30	5.26	199.59
600.00	5.56	252.58	599.65	-7.45	-7.45	-8.64	2.76	11.41	229.25
700.00	10.04	252.32	698.70	-11.55	-11.55	-21.57	4.48	24.47	241.84
800.00	13.71	240.63	796.56	-20.01	-20.01	-40.22	4.37	44.92	243.55
900.00	18.00	229.54	892.75	-35.86	-35.86	-62.31	5.23	71.89	240.08
1000.00	21.53	220.85	986.87	-59.77	-59.77	-86.08	4.59	104.80	235.22
1100.00	22.93	209.70	1079.48	-90.59	-90.59	-107.74	4.44	140.76	229.94
1200.00	24.90	199.55	1170.93	-127.37	-127.37	-124.45	4.55	178.08	224.34
1300.00	26.73	190.62	1260.98	-169.33	-169.33	-135.65	4.29	216.96	218.70
1400.00	30.08	188.92	1348.93	-216.20	-216.20	-143.68	3.45	259.59	213.61
1500.00	29.44	188.62	1435.74	-265.26	-265.26	-151.25	0.65	305.35	209.69
1600.00	27.01	189.29	1523.84	-311.98	-311.98	-158.61	2.45	349.98	206.95
1700.00	26.55	192.07	1613.12	-356.25	-356.25	-166.95	1.33	393.42	205.11
1800.00	27.89	195.02	1702.04	-400.70	-400.70	-177.68	1.90	438.33	203.91
1900.00	28.09	197.77	1790.35	-445.72	-445.72	-190.93	1.31	484.89	203.19
2000.00	27.51	199.35	1878.80	-489.93	-489.93	-205.76	0.94	531.39	202.78
2100.00	26.63	199.89	1967.85	-532.80	-532.80	-221.04	0.91	576.83	202.53
2200.00	27.19	202.04	2057.02	-575.05	-575.05	-237.24	1.12	622.07	202.42
2300.00	27.45	204.44	2145.87	-617.22	-617.22	-255.35	1.13	667.95	202.48
2400.00	27.45	202.37	2234.61	-659.51	-659.51	-273.66	0.95	714.04	202.54
2500.00	27.80	201.36	2323.21	-702.54	-702.54	-290.93	0.59	760.39	202.49
2600.00	26.93	201.05	2412.02	-745.39	-745.39	-307.55	0.87	806.35	202.42
2700.00	26.38	203.03	2501.39	-786.98	-786.98	-324.38	1.04	851.21	202.40
2800.00	27.76	202.80	2590.44	-828.89	-828.89	-342.10	1.38	896.71	202.43
2900.00	27.69	203.93	2678.96	-871.60	-871.60	-360.54	0.53	943.22	202.47
3000.00	28.61	202.52	2767.13	-914.95	-914.95	-379.13	1.13	990.39	202.51
3100.00	27.90	199.90	2855.22	-959.06	-959.06	-396.27	1.43	1037.71	202.45
3200.00	28.40	198.86	2943.39	-1003.57	-1003.57	-411.92	0.70	1084.82	202.32
3300.00	26.78	201.06	3032.02	-1047.11	-1047.11	-427.70	1.91	1131.09	202.22
3400.00	26.90	203.96	3121.25	-1088.81	-1088.81	-444.98	1.31	1176.23	202.23
3500.00	26.81	204.55	3210.47	-1129.99	-1129.99	-463.53	0.28	1221.37	202.30
3600.00	26.13	205.43	3299.98	-1170.39	-1170.39	-482.36	0.78	1265.90	202.40
3700.00	22.85	202.49	3390.98	-1208.23	-1208.23	-499.25	3.50	1307.32	202.45
3800.00	20.41	201.13	3483.93	-1242.44	-1242.44	-512.97	2.49	1344.17	202.43



Survey Report

Well Name: ROSA UNIT #264A FRT
Survey: Computed from ROSA027.BIN's HighSpeed: InRun
Survey Date: 2008/09/20

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
3843.00	20.22	201.03	3524.25	-1256.37	-1256.37	-518.34	0.45	1359.09	202.42