

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

RCVD JUL 28 '08

☐ AMENDED REPORT

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT DIST. 3

1 API Number 30-039-29881		2 Pool Code 71629		3 Pool Name BASIN FRUITLAND COAL	
4 Property Code 17033		5 Property Name ROSA UNIT			6 Well Number 321A
7 OGRID No. 120782		8 Operator Name WILLIAMS PRODUCTION COMPANY			9 Elevation 6339'

10 Surface Location

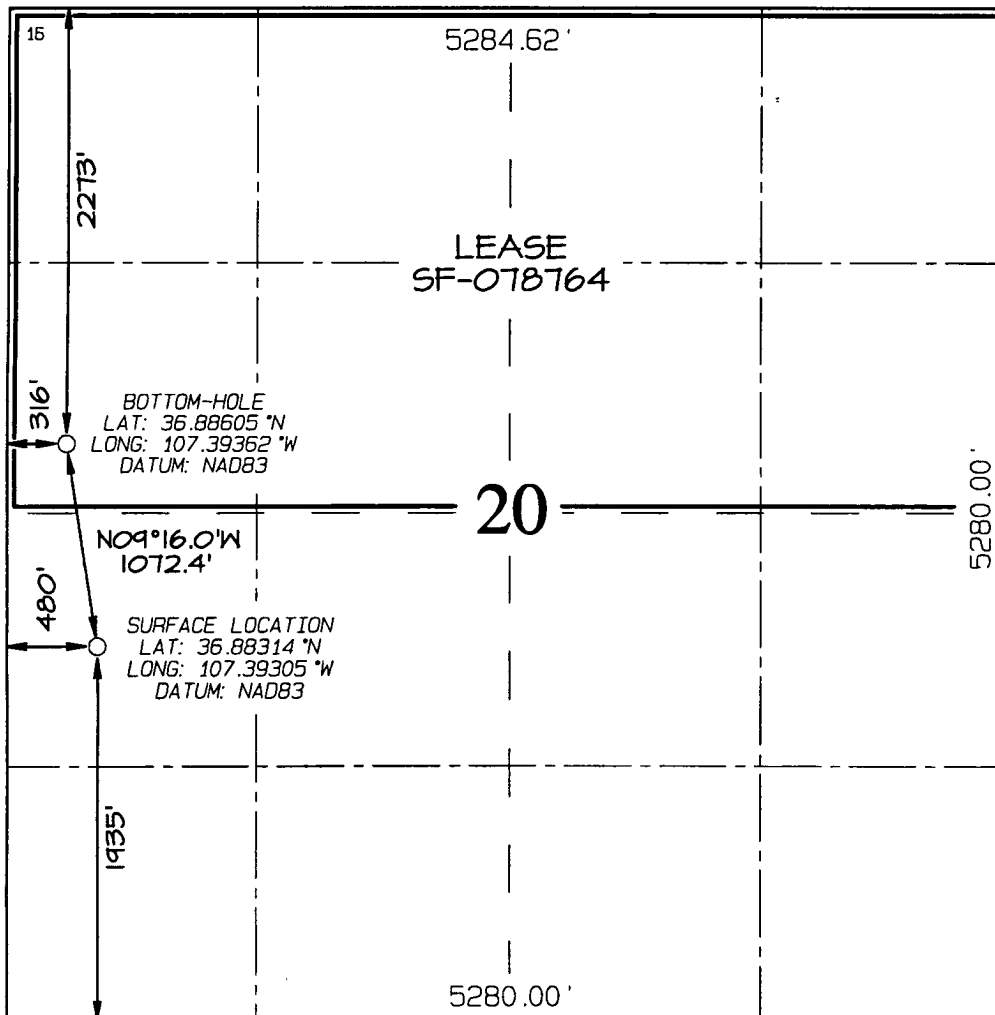
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	31N	5W		1935	SOUTH	480	WEST	RIO ARRIBA

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	20	31N	5W		2273	NORTH	316	WEST	RIO ARRIBA

12 Dedicated Acres 320.0 Acres - (N/2)					13 Joint or Infill		14 Consolidation Code		15 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



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.

Larry Higgins 7-28-08
Signature Date

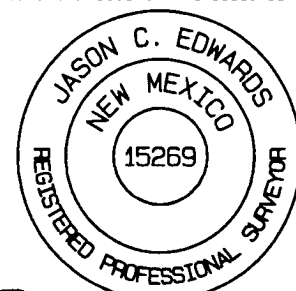
LARRY HIGGINS
Printed Name

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.

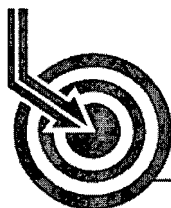
Survey Date: OCTOBER 4, 2005

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

P.A.



Scientific Drilling

Gyroscopic Survey Report for Williams

Well Location	Sec 20-T31N-R5W, Rio Arriba County, NM
Well Name	Rosa Unit #321A
Rig Name	Aztec 520
Survey Date	7/13/2008
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 RU321.BIN's HighSpeed: InRun
Operator	Brett Lanier

Comments

Surveyed from RKB (14') to 3430. Survey run in 2-7/8" tbg.
Survey referenced to TRUE NORTH and RKB (14').

RCVD JUL 28 '08
OIL CONS. DIV.
DIST. 3



Survey Report

Well Name: Rosa Unit #321A
Survey: Computed from RU321.BIN's HighSpeed: InRun
Survey Date: 7/13/2008

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	Invalid
100.00	0.56	356.08	100.00	0.48	0.48	-0.03	0.56
200.00	0.74	359.86	199.99	1.61	1.61	-0.07	0.19
300.00	0.45	355.62	299.99	2.65	2.65	-0.10	0.29
400.00	0.69	28.06	399.98	3.58	3.58	0.15	0.39
500.00	2.90	17.32	499.93	6.52	6.52	1.19	2.22
600.00	4.07	14.88	599.74	12.36	12.36	2.85	1.18
700.00	4.85	6.63	699.44	19.99	19.99	4.25	1.01
800.00	6.43	4.66	798.95	29.77	29.77	5.19	1.60
900.00	8.83	355.31	898.06	43.01	43.01	5.02	2.69
1000.00	11.11	347.18	996.55	60.06	60.06	2.26	2.67
1100.00	12.25	348.14	1094.48	79.84	79.84	-2.06	1.15
1200.00	13.77	350.66	1191.91	101.96	101.96	-6.18	1.62
1300.00	15.33	350.15	1288.70	126.73	126.73	-10.37	1.57
1400.00	17.43	349.96	1384.63	154.51	154.51	-15.24	2.10
1500.00	19.49	350.24	1479.48	185.70	185.70	-20.68	2.06
1600.00	20.56	350.40	1573.44	219.45	219.45	-26.44	1.07
1700.00	21.54	350.37	1666.77	254.86	254.86	-32.44	0.98
1800.00	23.62	349.66	1759.10	292.67	292.67	-39.10	2.10
1900.00	25.95	350.04	1849.88	333.93	333.93	-46.48	2.33
2000.00	28.67	351.15	1938.72	379.19	379.19	-53.96	2.77
2100.00	29.55	349.34	2026.09	427.13	427.13	-62.22	1.24
2200.00	30.94	348.71	2112.48	476.58	476.58	-71.81	1.43
2300.00	30.18	349.62	2198.59	526.51	526.51	-81.37	0.89
2400.00	30.17	350.84	2285.04	576.04	576.04	-89.90	0.61
2500.00	30.76	350.09	2371.23	626.04	626.04	-98.30	0.70
2600.00	28.97	349.05	2457.95	675.01	675.01	-107.31	1.86
2700.00	29.42	350.56	2545.25	723.02	723.02	-115.94	0.86
2800.00	28.76	352.41	2632.64	771.09	771.09	-123.14	1.12
2900.00	29.79	353.71	2719.86	819.63	819.63	-129.04	1.21
3000.00	31.43	353.00	2805.93	870.21	870.21	-134.94	1.68
3100.00	30.36	350.88	2891.74	921.04	921.04	-142.12	1.52
3200.00	28.37	350.45	2978.88	969.44	969.44	-150.06	2.00
3300.00	27.08	351.01	3067.40	1015.35	1015.35	-157.56	1.32
3400.00	24.67	355.52	3157.37	1058.65	1058.65	-162.75	3.11
3430.00	26.18	355.79	3184.47	1071.50	1071.50	-163.72	5.05