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

RECEIVED
AUG 2011
OIL CONS. DIV. DIST. 3

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-31762	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
17033	ROSA UNIT	339A

[7] OGRID No.	[8] Operator Name	[9] Elevation
120782	WILLIAMS PRODUCTION COMPANY	6373'

[10] Surface Location

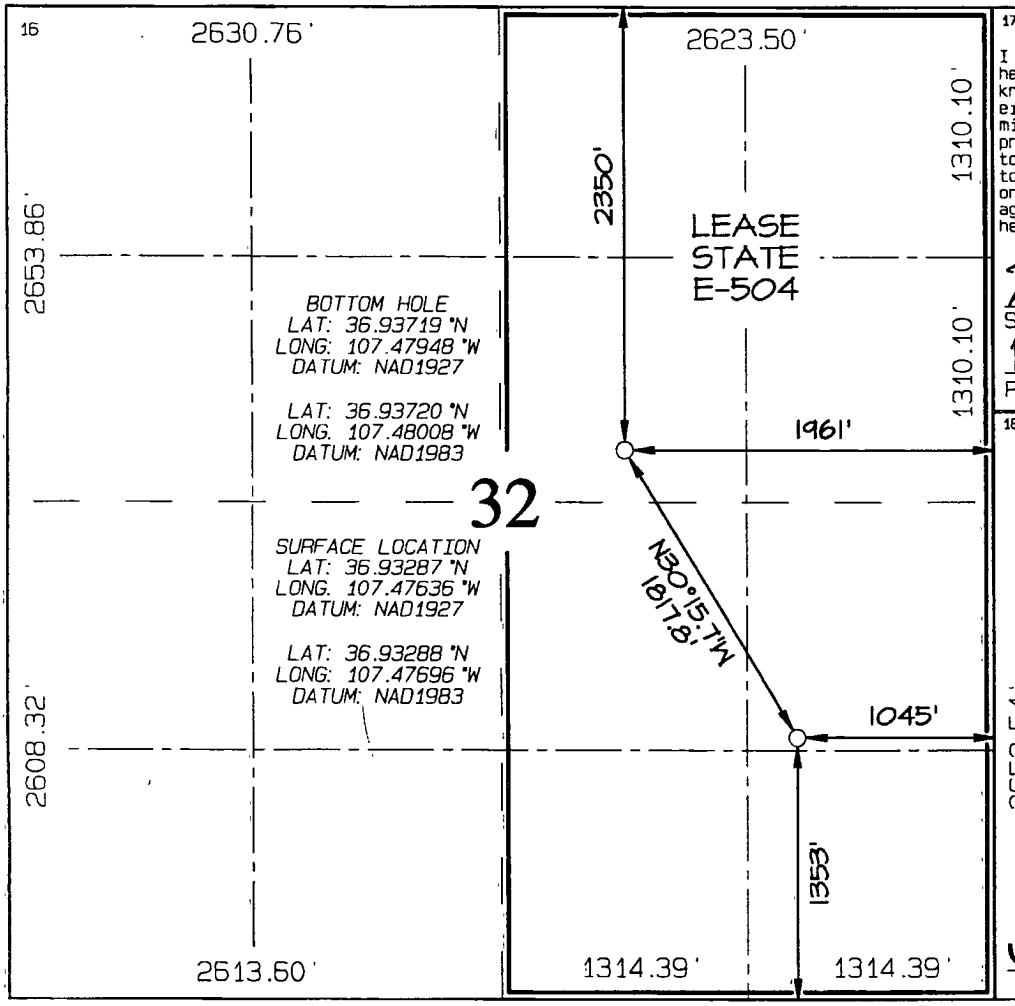
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	32N	6W		1353	SOUTH	1045	EAST	SAN JUAN

[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
G	32	32N	6W		2350	NORTH	1961	EAST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0 Acres - (E/2)			

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.

Signature — Date: 8/19/2011

Ben Mitchell
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: AUGUST 11, 2011
Date of Survey: MARCH 14, 2003

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

Williams Energy

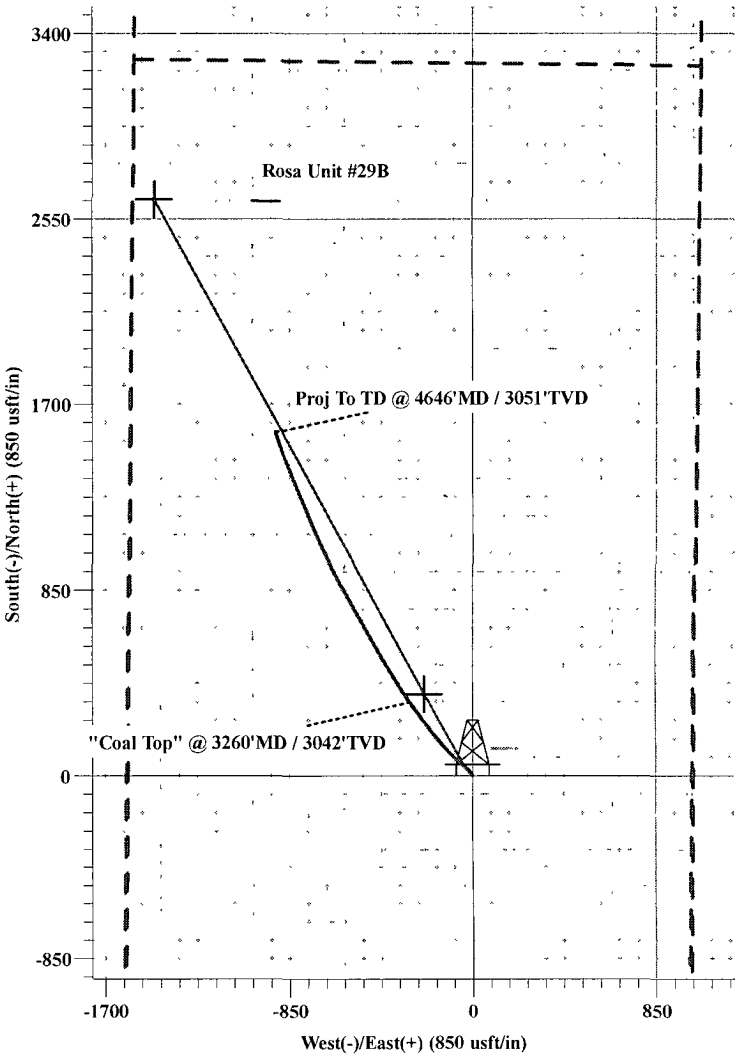
Rosa Unit #339A-ST01
Sec32 T32N-R6W - 339A
San Juan Co. NM
GL: 6368' KB: 14'

PATHFINDER®
A Schlumberger Company

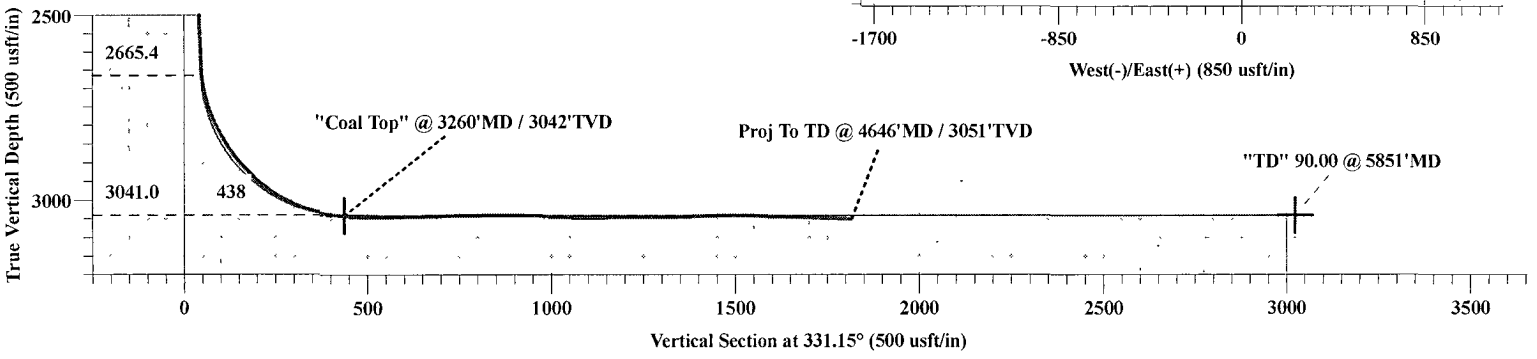
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
LAND-339A	3041 0	375 6	-224 9	2159400 50	604107 10	Point
TD-339A	3041 0	2641 3	-1473 2	2161661 51	602850 31	Point

EOW
No Hardline Crossed



WELL DETAILS: Rosa Unit #339A-ST01			
		6368.0	
Northing	Easting	Latittude	Longitude
2159025 74	604333.41	36° 55' 58.332 N	107° 28' 34.896 W



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
2666 0	2 31	312 97	2665 4	36 1	-32 4	0 00	0 00	47 2	
3264 5	90 00	331 15	3041 0	375 6	-224 9	14 67	18 19	437 5	
5851 4	90 00	331 15	3041 0	2641 3	-1473 2	0 00	0 00	3024 3	TD-339A

Plan: Design #2 (Rosa Unit #339A-ST01/ST01)

Created By: Frank C. Scardino Date: 7/15/2011

Survey Report

Company:	Williams Energy	**Local Co-ordinate Reference:**	Site Sec32 T32N-R6W - 339A
Project:	San Juan Co NM	**TVD Reference:**	WELL @ 6382 0usft (Original Well Elev)
Site:	Sec32 T32N-R6W - 339A	**MD Reference:**	WELL @ 6382 0usft (Original Well Elev)
Well:	Rosa Unit #339A-ST01	**North Reference:**	True
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	EDM 5000 1 Single User Db

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)
2,000 0	1 35	316 66	1,999 7	23 0	-17 5	28 6	0 10	0 08	-2 87
2,200 0	1 67	307 49	2,199 7	26 5	-21 4	33 6	0 20	0 16	-4 59
2,400 0	1.43	310 20	2,399 6	29 9	-25 6	38 6	0 13	-0 12	1 36
2,600 0	2 31	312 97	2,599 5	34 3	-30 5	44 7	0 44	0 44	1 39
2,611 0	2.39	311 00	2,610 5	34 6	-30 8	45 1	1 03	0 73	-17 91
2,641 0	2 56	311 70	2,640 4	35 4	-31 8	46 4	0 58	0 57	2 33
2,673 0	7 31	330 37	2,672 3	37 7	-33 3	49 1	15 48	14 84	58 34
2,707 0	11 59	320 54	2,705 9	42 2	-36 6	54 6	13 41	12 59	-28 91
2,754 0	19 70	310 82	2,751.1	51.0	-45 6	66 7	18 08	17 26	-20 68
2,777 0	24 01	307 00	2,772 4	56 4	-52 2	74 6	19 72	18 74	-16 61
2,809 0	28 40	307 30	2,801 1	64 9	-63 5	87 5	13 72	13 72	0 94
2,841.0	31 92	309 77	2,828 8	74 9	-76 1	102 3	11 66	11 00	7 72
2,872 0	34.65	312 85	2,854 7	86 2	-88 8	118 3	10 36	8 81	9 94
2,904 0	37 81	315 82	2,880 5	99 4	-102 3	136 4	11.29	9 88	9 28
2,937.0	41 77	317 69	2,905 9	114 8	-116.8	156 9	12 53	12 00	5 67
2,969 0	46 52	318 52	2,928 8	131 4	-131 7	178 6	14 95	14 84	2 59
3,001 0	51 44	318 50	2,949 8	149 5	-147 6	202 2	15 38	15 38	-0 06
3,033 0	55.13	320 30	2,968 9	168 9	-164 3	227 3	12 38	11 53	5 63
3,065 0	59 09	321 08	2,986 3	189 7	-181 3	253 7	12 54	12 38	2 44
3,097 0	62 78	322 36	3,001 9	211 7	-198 7	281 3	12 05	11 53	4 00
3,127 0	67 97	322 66	3,014 4	233 3	-215 3	308 2	17 32	17 30	1 00
3,160 0	72 90	323 43	3,025 4	258 2	-233 9	339 0	15 10	14 94	2 33
3,192 0	78 26	323 60	3,033 4	283 1	-252 4	369 7	16 76	16 75	0 53
3,224 0	83 71	323 77	3,038 4	308 5	-271 1	401 0	17 04	17 03	0 53
3,257 0	84 68	325 10	3,041 7	335 2	-290 2	433 6	4 97	2 94	4 03
3,260 0	84 86	325 16	3,042 0	337 7	-291 9	436 6	6 36	6 00	2 14
"Coal Top" @ 3260'MD / 3042'TVD									
3,320 0	88 46	326 44	3,045 5	387 2	-325 5	496 2	6 36	6 00	2 13
3,383 0	91 98	327 36	3,045 3	440 0	-359 9	559 1	5 77	5 59	1 46
3,447 0	90 57	328 46	3,043 8	494 2	-393 9	622 9	2 79	-2 20	1 72
3,511 0	91 54	328 67	3,042 7	548 8	-427 3	686 9	1 55	1 52	0 33
3,573 0	90 75	329 82	3,041 4	602 1	-459 0	748 8	2 25	-1 27	1 85
3,636 0	90 31	331 09	3,040 8	656 9	-490 1	811 8	2 13	-0 70	2 02
3,700.0	90 40	331 60	3,040 4	713 0	-520 7	875 8	0 81	0 14	0 80
3,764 0	88 46	330 18	3,041 1	768 9	-551 9	939 8	3 76	-3 03	-2 22
3,826 0	86 26	329 03	3,043 9	822 3	-583 2	1,001 7	4 00	-3 55	-1 85
3,891 0	88 20	330 58	3,047 1	878 5	-615 9	1,066 6	3 82	2 98	2 38
3,955 0	91 80	332 48	3,047 1	934 7	-646 4	1,130 6	6 36	5 63	2 97
4,019 0	90 40	333 57	3,045 8	991 7	-675 4	1,194 5	2 77	-2 19	1 70
4,083 0	90 57	334 91	3,045 3	1,049 4	-703 2	1,258 4	2 11	0 27	2 09
4,146 0	90 31	336 13	3,044 8	1,106 7	-729 3	1,321 2	1 98	-0 41	1 94
4,209 0	90 75	336 77	3,044 2	1,164 5	-754 5	1,384 0	1 23	0 70	1 02
4,273 0	92 51	338 37	3,042 4	1,223 6	-778 9	1,447 5	3 72	2.75	2 50
4,335 0	89 60	336 65	3,041 3	1,280 8	-802 6	1,509 1	5 45	-4 69	-2 77

Survey Report

Company:	Williams Energy	**Local Co-ordinate Reference:**	Site Sec32 T32N-R6W - 339A
Project:	San Juan Co NM	**TVD Reference:**	WELL @ 6382 0usft (Original Well Elev)
Site:	Sec32 T32N-R6W - 339A	**MD Reference:**	WELL @ 6382 0usft (Original Well Elev)
Well:	Rosa Unit #339A-ST01	**North Reference:**	True
Wellbore:	ST01	**Survey Calculation Method:**	Minimum Curvature
Design:	ST01	**Database:**	EDM 5000 1 Single User Db

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)
4,400 0	87 93	336 81	3,042.7	1,340 5	-828 3	1,573.8	2 58	-2 57	0 25
4,464 0	88 72	338 11	3,044 5	1,399 6	-852 8	1,637.4	2 38	1 23	2 03
4,527 0	88 02	339 14	3,046 3	1,458 3	-875 7	1,699 8	1 98	-1 11	1 63
4,590 0	87 58	340 53	3,048 7	1,517 4	-897 4	1,762 1	2.31	-0 70	2.21
4,646 0	87 58	340 53	3,051 1	1,570.1	-916 1	1,817 3	0 00	0 00	0 00
Proj To TD @ 4646'MD / 3051'TVD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
3,260 0	3,042 0	337 7	-291 9	"Coal Top" @ 3260'MD / 3042'TVD
4,646 0	3,051.1	1,570.1	-916 1	Proj To TD @ 4646'MD / 3051'TVD

Checked By: _____ Approved By: _____ Date _____