

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

"AS DRILLED PLAT"

AMENDED REPORT
RCVD JUN 22 '11

OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT DIST. 3

*API Number 30-045-35110		*Pool Code 71629 / 71280		*Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs	
*Property Code 31842		*Property Name NEWBERRY COM			*Well Number 15
*OCRID No 217817		*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6002'

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
0	5	31N	12W		1195	SOUTH	1830	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
0	5	31N	12W		1255'	SOUTH	1918'	EAST	SAN JUAN

12 Dedicated Acres 318.12 E2 (FC) 160.00 SE4 (PC)					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

16		2642.64'	2640.66'		1269.84'		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: <u>Marie E. Jaramillo</u> Date: <u>6/17/11</u> Printed Name: <u>Marie E. Jaramillo</u>	
1281.06'	LOT 4	LOT 3	LOT 2	LOT 1	1302.84'			
1306.14'	LEASE FEE							
2612.94'	LEASE USA SF-078146							
5		1255'		1918'	1830'	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: <u>SEPTEMBER 7, 2009</u> Signature and Seal of Professional Surveyor:  <u>JASON C. EDWARDS</u> Certificate Number 15269		
5297.16'		1195'		LAT: 36°55.4461'N LONG: 108°06'9275"W DATUM: NAD1927 LAT: 36.92410°N LONG: 108.11609°W DATUM: NAD1983		2605.68'		



RCVD JUN 22 '11
OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM West)
SEC 05-T31N-R12W
Newberry Com #1S

Original Hole

Survey: Actual

Standard Survey Report

09 February, 2011

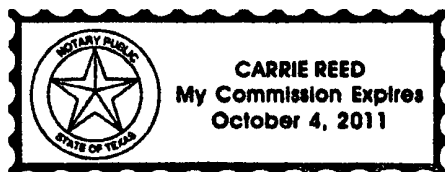
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

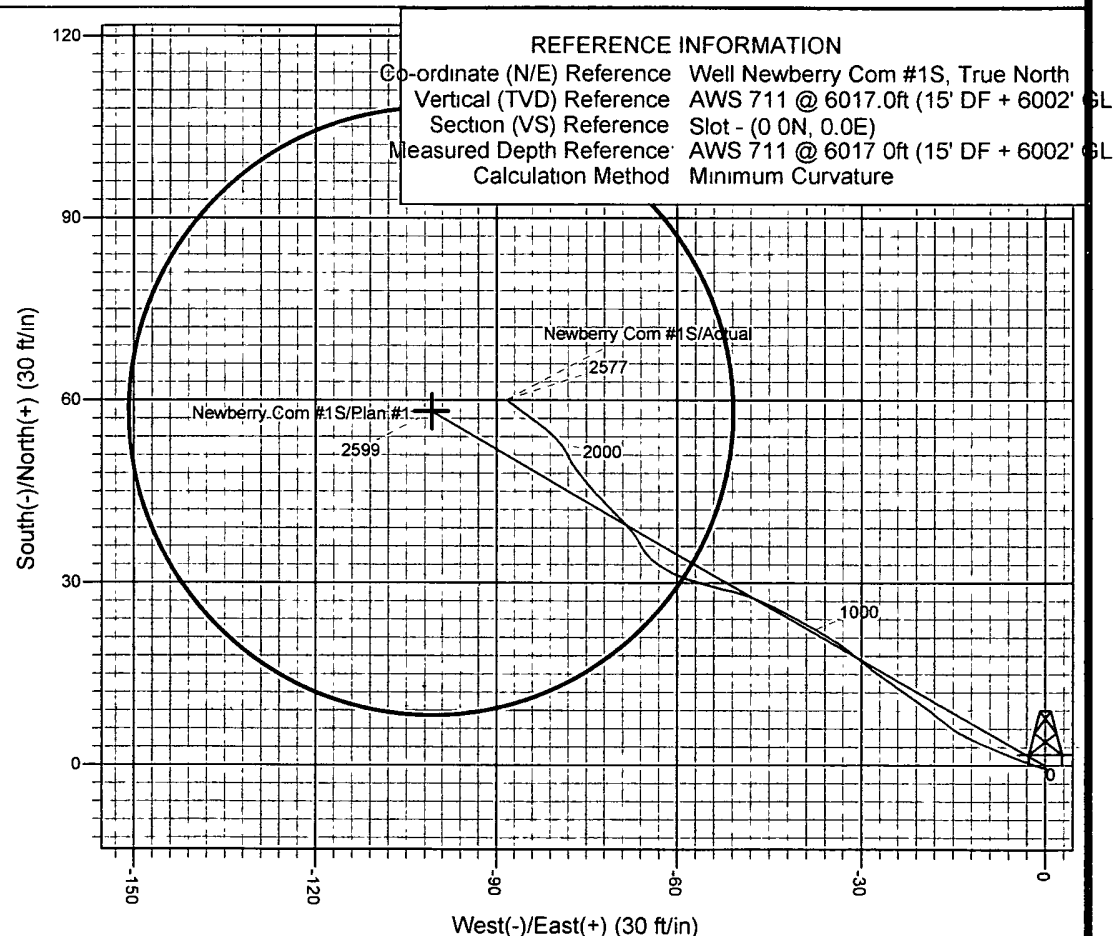
Notarized this date 9th of February, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling
Directional Drilling Operations



PROJECT DETAILS	SJB (NM West)
Geodetic System	US State Plane 1927 (Exact solution)
Datum	NAD 1927 (NADCON CONUS)
Ellipsoid	Clarke 1866
Zone	New Mexico West 3003
System Datum	Mean Sea Level

SITE DETAILS SEC 05-T31N-R12W
San Juan County NM
Site Centre Latitude 36° 55' 26 766 N
Longitude 108° 6' 55 650 W
Positional Uncertainty 7 5
Convergence -0 17
Local North True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Newberry Com #1S
Project:	SJB (NM West)	TVD Reference:	AWS 711 @ 6017 0ft (15' DF + 6002' GL)
Site:	SEC 05-T31N-R12W	MD Reference:	AWS 711 @ 6017 0ft (15' DF + 6002' GL)
Well:	Newberry Com #1S	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	SEC 05-T31N-R12W				
Site Position:		Northing:	2,155,760 26 ft	Latitude:	36° 55' 26 766 N
From:	Lat/Long	Easting:	417,533 30 ft	Longitude:	108° 6' 55 650 W
Position Uncertainty:	15 0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0 17 °

Well	Newberry Com #1S, FC Nudge					
Well Position	+N/-S	0 0 ft	Northing:	2,155,760 26 ft	Latitude:	36° 55' 26 766 N
	+E/-W	0 0 ft	Easting:	417,533 30 ft	Longitude:	108° 6' 55 650 W
Position Uncertainty		3 5 ft	Wellhead Elevation:	ft	Ground Level:	6,002 0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	12/15/2010	10 12	63 60	50,845

Design	Original Hole				
Audit Notes:					
Version:	1 0	Phase.	ACTUAL	Tie On Depth.	0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction.	
	(ft)	(ft)	(ft)	(°)	
	0 0	0 0	0 0	304 23	

Survey Program	Date 2/9/2011				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
277 0	2,580 0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1 0 1	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0 0	0 00	0 00	0 0	0 0	0 0	0 0	0 00	0 00	0 00
277 0	0 18	210 41	277 0	-0 4	-0 2	0 0	0 06	0 06	0 00
338 0	0 75	291 32	338 0	-0 3	-0 6	0 4	1 22	0 93	132 64
399 0	2 73	287 90	399 0	0 3	-2 4	2 1	3 25	3 25	-5 61
461 0	4 71	292 83	460 8	1 7	-6 1	6 0	3 23	3 19	7 95
523 0	4 92	293 80	522 6	3 8	-10 9	11 2	0 36	0 34	1 56
615 0	2 73	311 64	614 4	6 8	-16 2	17 2	2 68	-2 38	19 39
677 0	3 34	306 48	676 3	8 9	-18 7	20 5	1 08	0 98	-8 32
741 0	4 46	305 86	740 2	11 5	-22 2	24 8	1 75	1 75	-0 97
806 0	4 69	304 69	805 0	14 4	-26 5	30 0	0 38	0 35	-1 80
869 0	3 59	311 02	867 8	17 2	-30 1	34 6	1 89	-1 75	10 05
933 0	3 82	305 23	931 7	19 7	-33 3	38 7	0 69	0 36	-9 05
997 0	4 44	299 47	995 5	22 2	-37 2	43 3	1 16	0 97	-9 00

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Newberry Com #1S
Project:	SJB (NM West)	TVD Reference:	AWS 711 @ 6017 0ft (15' DF + 6002' GL)
Site:	SEC 05-T31N-R12W	MD Reference:	AWS 711 @ 6017 0ft (15' DF + 6002' GL)
Well:	Newberry Com #1S	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,060 0	4 67	297 64	1,058 3	24 6	-41 6	48 2	0 43	0 37	-2 90
1,124 0	3 00	297 71	1,122 2	26 6	-45 4	52 5	2 61	-2 61	0 11
1,187 0	3 06	288 27	1,185 1	27 9	-48 5	55 8	0 80	0 10	-14 98
1,251 0	4 97	283 07	1,248 9	29 0	-52 8	60 0	3 04	2 98	-8 13
1,315 0	5 11	288 53	1,312 7	30 6	-58 2	65 3	0 78	0 22	8 53
1,378 0	4 61	304 14	1,375 4	32 9	-63 0	70 5	2 24	-0 79	24 78
1,442 0	3 35	333 82	1,439 3	36 0	-65 9	74 7	3 71	-1 97	46 38
1,505 0	3 60	317 64	1,502 2	39 1	-68 1	78 3	1 60	0 40	-25 68
1,568 0	3 77	314 77	1,565 0	42 0	-70 9	82 2	0 40	0 27	-4 56
1,632 0	3 56	317 18	1,628 9	45 0	-73 7	86 2	0 41	-0 33	3 77
1,697 0	1 72	324 75	1,693 8	47 2	-75 6	89 1	2 88	-2 83	11 65
1,760 0	1 41	319 61	1,756 8	48 6	-76 7	90 7	0 54	-0 49	-8 16
1,823 0	1 50	330 91	1,819 8	49 9	-77 6	92 2	0 48	0 14	17 94
1,886 0	1 38	335 21	1,882 8	51 3	-78 3	93 6	0 26	-0 19	6 83
1,949 0	0 90	320 47	1,945 8	52 4	-78 9	94 7	0 89	-0 76	-23 40
2,013 0	0 93	319 95	2,009 8	53 2	-79 6	95 7	0 05	0 05	-0 81
2,077 0	1 35	313 46	2,073 7	54 1	-80 5	97 0	0 69	0 66	-10 14
2,140 0	1 31	308 80	2,136 7	55 1	-81 6	98 4	0 18	-0 06	-7 40
2,203 0	1 32	307 78	2,199 7	56 0	-82 7	99 9	0 04	0 02	-1 62
2,268 0	1 30	302 07	2,264 7	56 8	-83 9	101 3	0 20	-0 03	-8 78
2,331 0	0 96	308 16	2,327 7	57 5	-85 0	102 6	0 57	-0 54	9 67
2,394 0	0 93	306 90	2,390 7	58 1	-85 8	103 6	0 06	-0 05	-2 00
2,458 0	1 02	305 67	2,454 7	58 8	-86 7	104 7	0 14	0 14	-1 92
2,580 0	1 01	310 28	2,576 6	60 1	-88 4	106 9	0 07	-0 01	3 78