

"As Drilled Plat"

RCVD SEP 8 '08
OIL CONS. DIV.
DIST. 3

2007 JUL 26 PM 3 56

RECEIVED

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
DISTRICT II
1801 W. Grand Avenue, Artesia, N.M. 88210
DISTRICT III
1000 Elm Branch Rd., Aztec, N.M. 87410
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-108
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APN Number 30-039-30301		Pool Code 71599/72319	Basin Dakota/ Blanco Mesaverde
Property Code 7454	Property Name SAN JUAN 27-8 UNIT		Well Number 902
Owner No. 14538	Operator Name SURLINGTON RESOURCES OIL & GAS COMPANY LP.		Well Name 6659

Surface Location

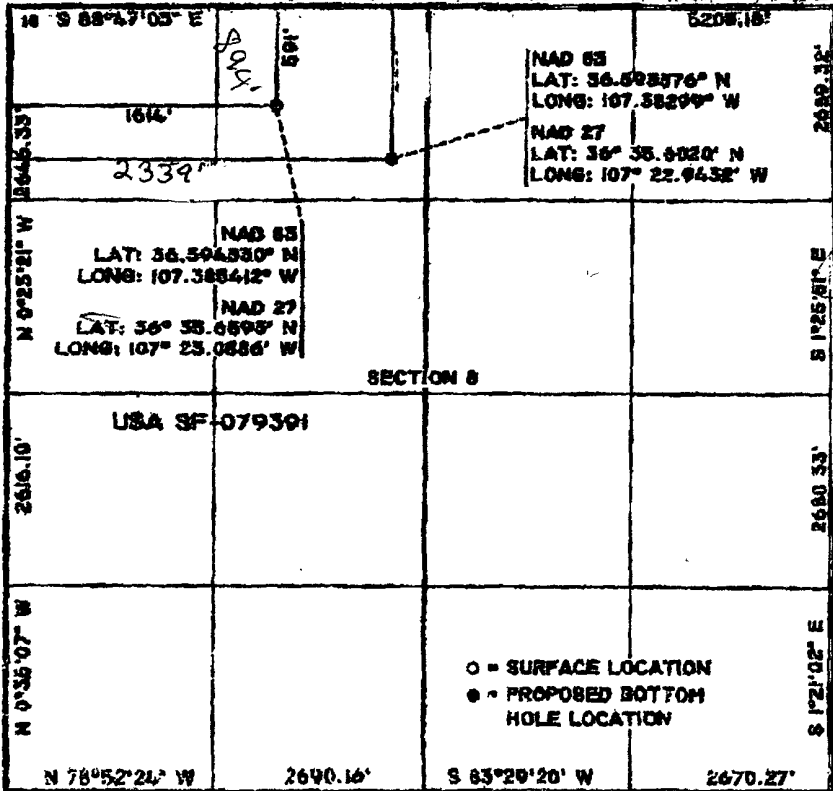
UL or Lot No.	Section	Township	Range	Lot No.	Feet from End	North/South Line	Feet from End	East/West Line	County
C	8	27 N	5 W	591		NORTH	1614	WEST	RIO ARriba

Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot No.	Feet from End	North/South Line	Feet from End	East/West Line	County
C	8	27 N	5 W	894		NORTH	2339	WEST	RIO ARriba

Dedicated Acres 320W/2	Total or Indiv.	Consolidation Code	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.

Signature: *Shonda Rogers* Date: 8/21/08

Printed Name: Shonda Rogers

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 of Survey: 5-15-07

Signature and Seal of Professional Surveyor:

Certificate Number: 17078

A Gyrodata Directional Survey

for

CONOCOPHILLIPS / BURLINGTON RESOURCES

Location: NONE, RIO ARriba COUNTY N.M.
Lease: SJ 27-5 Well: #902, 4-1/2" CASING

Job Number: RM0608G_442

Run Date: 6/12/2008 7:38:25 AM

Surveyor: JAMES BUTLER

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.594321 deg. N Longitude: 107.384810 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

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OIL CONS. DIV.

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CONOCOPHILLIPS / BURLINGTON RESOURCES

Location: NONE, RIO ARriba COUNTY N.M.

Lease: SJ 27-5 Well: #902, 4-1/2" CASING

Job Number: RM0608G_442

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 TO 8000 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" CASING						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL						

100.00	0.42	231.78	0.42	100.00	0.4 231.8	0.23 S 0.29 W
200.00	0.18	238.75	0.24	200.00	0.9 233.0	0.54 S 0.72 W
300.00	0.71	68.45	0.89	300.00	0.5 214.8	0.39 S 0.27 W
400.00	2.97	57.11	2.28	399.94	2.8 63.4	1.24 N 2.48 E
500.00	5.27	64.20	2.35	499.67	9.9 62.1	4.65 N 8.79 E
600.00	7.69	64.05	2.41	599.03	21.2 63.2	9.58 N 18.95 E
700.00	9.26	67.95	1.68	697.93	35.9 64.4	15.53 N 32.42 E
800.00	9.74	82.56	2.45	796.57	52.1 67.9	19.64 N 48.27 E
900.00	10.40	88.82	1.27	895.04	68.9 72.3	20.93 N 65.69 E
1000.00	11.76	94.48	1.74	993.17	87.3 76.5	20.31 N 84.86 E
1100.00	13.40	103.38	2.54	1090.78	107.6 81.0	16.84 N 106.30 E
1200.00	15.06	107.92	2.00	1187.71	130.3 85.5	10.15 N 129.94 E
1300.00	15.97	114.27	1.92	1284.07	154.8 89.8	0.50 N 154.84 E
1400.00	16.65	119.01	1.50	1380.05	180.3 93.8	12.10 S 179.92 E
1500.00	17.77	124.76	2.03	1475.58	206.9 97.7	27.75 S 204.99 E
1600.00	19.27	124.60	1.50	1570.39	235.6 101.2	45.83 S 231.11 E
1700.00	19.59	123.85	0.40	1664.70	266.5 104.0	64.54 S 258.62 E
1800.00	19.89	123.19	0.38	1758.83	298.6 106.2	83.18 S 286.77 E
1900.00	20.15	122.65	0.32	1852.79	331.5 107.9	101.78 S 315.50 E

A Gyrodata Directional Survey

CONOCOPHILLIPS / BURLINGTON RESOURCES

Location: NONE, RIO ARRIBA COUNTY N.M.

Lease: SJ 27-5 Well: #902, 4-1/2" CASING

Job Number: RM0608G_442

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2000.00	17.95	122.47	2.20	1947.31	363.2 109.2	119.35 S 343.00 E
2100.00	16.57	121.24	1.43	2042.80	392.2 110.1	135.01 S 368.19 E
2200.00	16.26	119.29	0.63	2138.73	420.0 110.8	149.25 S 392.59 E
2300.00	16.24	117.02	0.63	2234.74	447.8 111.3	162.45 S 417.25 E
2400.00	15.47	114.57	1.02	2330.93	475.0 111.5	174.35 S 441.84 E
2500.00	16.63	117.09	1.36	2427.03	502.6 111.8	186.41 S 466.71 E
2600.00	17.02	118.71	0.61	2522.75	531.3 112.1	199.96 S 492.28 E
2700.00	17.24	121.08	0.73	2618.32	560.5 112.5	214.64 S 517.81 E
2800.00	18.05	120.24	0.85	2713.61	590.6 112.9	230.10 S 543.89 E
2900.00	17.92	121.98	0.56	2808.73	621.1 113.3	246.05 S 570.33 E
3000.00	18.43	121.46	0.54	2903.73	652.0 113.7	262.45 S 596.86 E
3100.00	18.43	119.17	0.73	2998.60	683.4 114.0	278.41 S 624.16 E
3200.00	15.96	118.75	2.47	3094.13	712.9 114.2	292.73 S 650.02 E
3300.00	13.07	121.51	2.98	3190.92	737.8 114.4	305.25 S 671.72 E
3400.00	9.33	115.88	3.89	3289.01	757.2 114.6	314.70 S 688.66 E
3500.00	5.89	116.23	3.44	3388.11	770.4 114.6	320.51 S 700.55 E
3600.00	4.21	113.75	1.69	3487.72	779.2 114.6	324.26 S 708.52 E
3700.00	2.68	101.95	1.68	3587.54	785.1 114.6	326.22 S 714.17 E
3800.00	1.40	85.65	1.39	3687.47	788.5 114.5	326.61 S 717.67 E
3900.00	0.97	89.67	0.44	3787.45	790.3 114.4	326.51 S 719.73 E
4000.00	0.54	75.93	0.46	3887.44	791.5 114.4	326.39 S 721.04 E
4100.00	0.36	71.03	0.18	3987.44	792.1 114.3	326.17 S 721.80 E
4200.00	0.32	56.28	0.10	4087.44	792.5 114.3	325.91 S 722.33 E

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Location: NONE, RIO ARRIBA COUNTY N.M.

Lease: SJ 27-5 Well: #902, 4-1/2" CASING

Job Number: RM0608G_442

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4300.00	0.19	32.44	0.17	4187.44	792.6 114.3	325.62 S 722.66 E
4400.00	0.08	77.60	0.14	4287.44	792.7 114.2	325.47 S 722.81 E
4500.00	0.15	332.57	0.19	4387.44	792.7 114.2	325.34 S 722.81 E
4600.00	0.13	214.86	0.24	4487.44	792.5 114.2	325.31 S 722.68 E
4700.00	0.25	315.50	0.30	4587.43	792.3 114.2	325.25 S 722.47 E
4800.00	0.30	280.69	0.17	4687.43	791.8 114.2	325.05 S 722.06 E
4900.00	0.19	213.40	0.29	4787.43	791.6 114.3	325.14 S 721.71 E
5000.00	0.08	295.92	0.20	4887.43	791.5 114.3	325.25 S 721.55 E
5100.00	0.35	282.55	0.28	4987.43	791.1 114.3	325.15 S 721.19 E
5200.00	0.41	277.33	0.07	5087.43	790.5 114.3	325.04 S 720.54 E
5300.00	0.14	331.78	0.35	5187.43	790.0 114.3	324.88 S 720.12 E
5400.00	0.34	358.57	0.22	5287.43	789.8 114.3	324.48 S 720.05 E
5600.00	0.47	13.27	0.08	5487.42	789.4 114.2	323.09 S 720.23 E
5800.00	0.70	16.49	0.12	5687.41	789.1 114.0	321.11 S 720.76 E
6000.00	0.53	15.59	0.09	5887.40	788.8 113.9	319.05 S 721.36 E
6200.00	0.70	14.61	0.09	6087.39	788.4 113.7	316.99 S 721.91 E
6400.00	0.78	9.74	0.05	6287.37	787.9 113.5	314.48 S 722.45 E
6600.00	1.01	12.73	0.12	6487.35	787.3 113.3	311.41 S 723.07 E
6800.00	0.30	18.23	0.36	6687.33	786.9 113.1	309.20 S 723.62 E
7000.00	0.56	20.26	0.13	6887.33	786.8 113.0	307.80 S 724.12 E
7200.00	0.28	75.20	0.23	7087.32	787.2 112.9	306.76 S 724.93 E
7400.00	0.25	79.36	0.02	7287.32	787.9 112.9	306.55 S 725.84 E
7600.00	0.40	5.64	0.20	7487.32	788.1 112.8	305.78 S 726.35 E

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Job Number: RM0608G_442

MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
7800.00	0.40	295.16	0.23	7687.31	787.2 112.8	304.79 S 725.78 E
8000.00	0.75	351.80	0.31	7887.31	785.8 112.7	303.20 S 724.96 E

Final Station Closure: Distance: 785.81 ft Az: 112.70 deg.