

DISTRICT I
1325 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

"AS DRILLED PLAT"

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

Form C-102
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

1 API Number 30-039-30438		2 Pool Code 72319/71599		3 Pool Name Blanco MESA VERDE/ Basin Dakota	
4 Property Code 7452		5 Property Name SAN JUAN 27-4 UNIT			6 Well Number 139 N
7 GRID No. 14538		8 Operator Name BURLINGTON RESOURCES O&G CO LP			9 Elevation 7167'

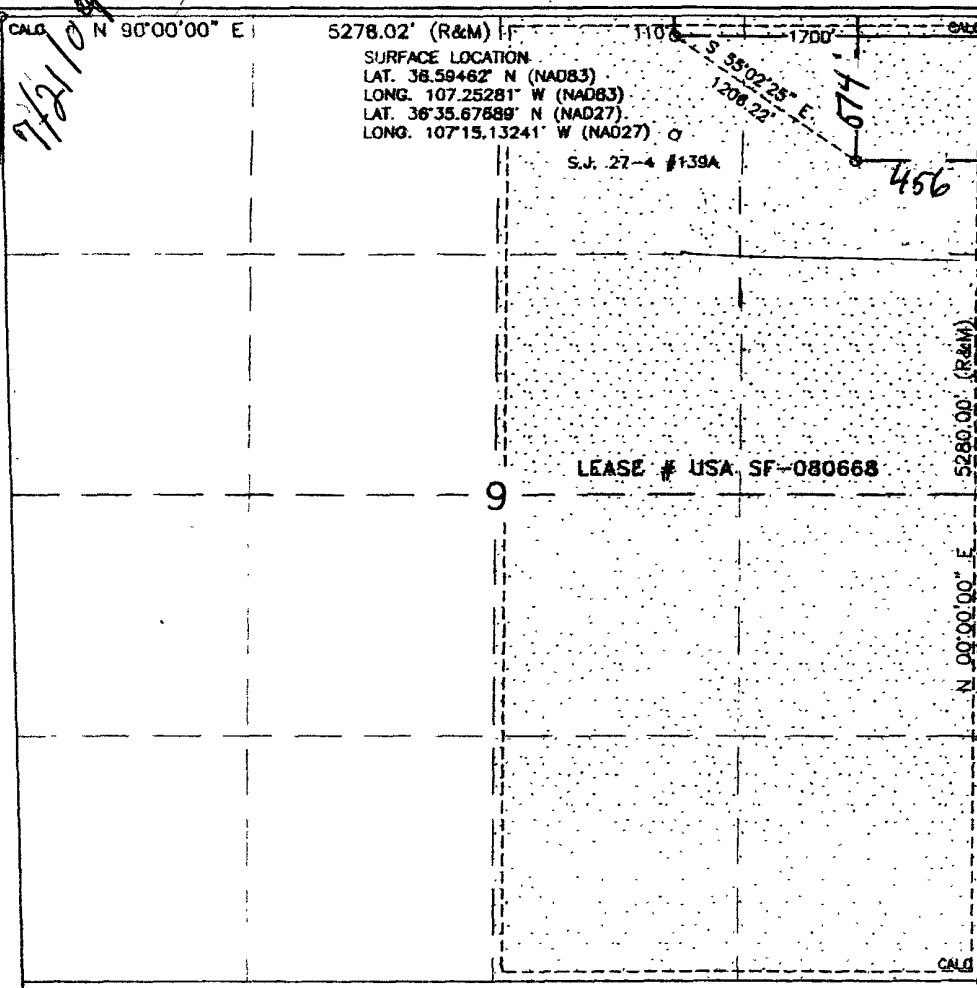
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	9	27N	4W		110'	NORTH	1700'	EAST	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
A	9	27N	4W		514	NORTH	456	EAST	RIO ARRIBA
12 Dedicated Acres 320.00 Acres - (E/2)			13 Joint or Infill		14 Consolidation Code		15 Order No. RCVD JUL 2 '09 OIL CONS. DIV.		

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 DIST. 3



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 or a compulsory pooling order heretofore entered by the division.

Patsy Clugston 7/1/09
Signature Date

Patsy Clugston
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.

APRIL 3, 2006

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL
Certificate Number 10201

8 7/21

A Gyrodata Directional Survey

Field Copy Only, not definitive

for

CONOCO PHILLIPS

Location: AWS #184, RIO ARRIBA COUNTY N.M., Lease
USA SF-080668 Well: SJ27-4 #139N, 4-1/2" CASING

RCVD JUL 10 '09

OIL CONS. DIV.

DIST. 3

30-039-30438

Job Number: RM0808GW624

Run Date: 8/15/2008 9:57:23 AM

Surveyor: JAMES BUTLER

Calculation Method: MINIMUM CURVATURE

Survey surface coordinates obtained from: Well Plan/Plot

Survey Latitude: 36.594620 deg. N Longitude: 107.252810 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

A Gyrodata Directional Survey

CONOCO PHILLIPS

Location: AWS #184, RIO ARriba COUNTY N.M.

Lease: USA SF-080668 Well: SJ27-4 #139N, 4-1/2" CASING

Job Number: RM0808GW624

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet

4099.05 TO 8598.04 FT. RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2" CASING						
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO AWS 184 R.K.B.						
TIE-IN DATA PROVIDED BY HATHAWAY BURNHAM NAVIGATIONAL LLC						

TIE-IN DATA						
4068.00	12.40	129.70	0.00	3856.38	1158.3 124.5	656.33 S 954.46 E
GYRO SURVEY						
4099.05	11.89	130.21	1.67	3886.73	1164.8 124.5	660.53 S 959.47 E
4198.91	8.91	124.11	3.18	3984.95	1182.8 124.6	671.51 S 973.73 E
4299.08	6.75	126.42	2.18	4084.18	1196.5 124.6	679.35 S 984.89 E
4399.00	3.74	105.59	3.52	4183.67	1205.4 124.6	683.72 S 992.76 E
4499.71	5.47	80.28	2.61	4284.07	1212.0 124.3	683.79 S 1000.66 E
4599.33	6.78	73.67	1.49	4383.12	1219.1 124.0	681.33 S 1010.98 E
4699.44	7.84	66.94	1.37	4482.41	1226.7 123.5	677.00 S 1022.94 E
4799.45	9.24	60.59	1.68	4581.31	1234.2 122.9	670.38 S 1036.21 E
4898.99	10.83	56.56	1.74	4679.33	1241.7 122.2	661.30 S 1050.98 E
4999.27	12.58	51.77	2.00	4777.52	1249.4 121.3	649.35 S 1067.42 E
5099.38	14.70	46.51	2.45	4874.81	1256.8 120.3	633.86 S 1085.20 E
5199.15	16.15	40.91	2.08	4970.99	1263.1 119.1	614.66 S 1103.47 E
5299.23	18.08	35.61	2.48	5066.64	1268.0 117.8	591.51 S 1121.63 E
5398.76	20.60	32.60	2.71	5160.54	1272.0 116.3	564.20 S 1140.06 E
5498.90	17.41	32.24	3.19	5255.22	1275.9 114.9	536.69 S 1157.55 E
5599.33	14.03	31.58	3.37	5351.88	1279.5 113.7	513.60 S 1171.94 E
5698.99	10.98	29.23	3.10	5449.16	1282.3 112.7	495.02 S 1182.91 E
5799.18	8.53	31.29	2.47	5547.89	1284.6 112.0	480.34 S 1191.43 E

A Gyrodata Directional Survey

CONOCO PHILLIPS

Location: AWS #184, RIO ARRIBA COUNTY N.M.

Lease: USA SF-080668 Well: SJ27-4 #139N, 4-1/2" CASING

Job Number: RM0808GW624

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
5898.99	6.64	30.31	1.90	5646.83	1286.7 111.4	469.04 S 1198.18 E
5998.70	5.43	32.87	1.25	5745.98	1288.6 110.9	460.10 S 1203.65 E
6098.96	4.85	31.80	0.59	5845.84	1290.4 110.5	452.52 S 1208.45 E
6199.00	3.58	29.20	1.28	5945.61	1291.7 110.2	446.20 S 1212.20 E
6298.96	3.56	42.14	0.80	6045.37	1293.4 109.9	441.18 S 1215.81 E
6398.49	2.76	40.73	0.80	6144.75	1295.4 109.7	437.07 S 1219.44 E
6498.78	2.48	26.35	0.71	6244.94	1296.5 109.5	433.30 S 1221.98 E
6598.31	2.18	14.67	0.56	6344.39	1296.6 109.3	429.54 S 1223.42 E
6699.08	1.70	35.70	0.85	6445.10	1296.9 109.2	426.47 S 1224.78 E
6798.49	2.10	28.03	0.48	6544.46	1297.6 109.1	423.66 S 1226.49 E
6899.02	1.93	7.73	0.73	6644.92	1297.6 108.9	420.36 S 1227.59 E
6998.34	1.93	23.90	0.55	6744.19	1297.4 108.8	417.18 S 1228.49 E
7098.57	1.75	356.53	0.88	6844.37	1297.0 108.6	414.11 S 1229.08 E
7198.31	1.88	14.54	0.59	6944.06	1296.3 108.5	411.01 S 1229.40 E
7298.48	0.94	14.16	0.94	7044.20	1296.1 108.4	408.62 S 1230.01 E
7398.37	0.36	89.84	0.92	7144.08	1296.3 108.3	407.82 S 1230.52 E
7498.27	0.67	57.33	0.42	7243.98	1297.0 108.3	407.51 S 1231.33 E
7598.40	0.69	163.84	1.09	7344.11	1297.7 108.3	407.77 S 1231.99 E
7698.48	0.50	189.01	0.32	7444.18	1298.1 108.4	408.78 S 1232.09 E
7798.40	1.08	185.64	0.58	7544.09	1298.4 108.4	410.15 S 1231.92 E
7898.57	0.71	175.52	0.40	7644.25	1298.9 108.5	411.71 S 1231.88 E
7998.04	1.91	38.73	2.49	7743.70	1299.7 108.4	411.03 S 1232.97 E
8097.97	1.42	50.26	0.59	7843.59	1300.9 108.3	408.94 S 1234.96 E

A Gyrodata Directional Survey

CONOCO PHILLIPS

Location: AWS #184, RIO ARRIBA COUNTY N.M.

Lease: USA SF-080668 Well: SJ27-4 #139N, 4-1/2" CASING

Job Number: RM0808GW624

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
8197.77	1.62	71.33	0.59	7943.36	1302.7 108.2	407.69 S 1237.25 E
8298.27	1.09	62.19	0.57	8043.83	1304.5 108.2	406.79 S 1239.45 E
8398.19	1.16	78.01	0.32	8143.73	1306.0 108.1	406.14 S 1241.28 E
8498.51	1.08	42.41	0.69	8244.03	1307.3 108.1	405.23 S 1242.92 E
8598.04	0.79	78.53	0.65	8343.55	1308.3 108.0	404.39 S 1244.22 E

Final Station Closure: Distance: 1308.29-ft Az: 108.01 deg.

BHL 514/S 456/E

COP Deviation Report
SAN JUAN 27-4 UNIT #139N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 27-4 UNIT #139N	API / UWI 3003930438	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 009-027N-004W-B	N/S Dist (ft) 110.00	N/S Ref FNL	E/W Dist (ft) 1,700.00	E/W Ref FEL

Survey Date	MD: (ftKB)	Incl. (°)	Method	Survey Company
7/8/2008	148.00	1.00	A1SureShot	Mo-Te Drilling Inc.
7/8/2008	268.00	1.00	A1SureShot	Mo-Te Drilling Inc.
7/12/2008	388.00	2.50	A1SureShot	Mo-Te Drilling Inc.
7/12/2008	409.00	2.30	MWD	H & B
7/12/2008	502.00	0.80	MWD	H & B
7/12/2008	595.00	3.50	MWD	H & B
7/12/2008	687.00	6.20	MWD	H & B
7/12/2008	780.00	9.20	MWD	H & B
7/12/2008	874.00	12.40	MWD	H & B
7/12/2008	969.00	15.30	MWD	H & B
7/12/2008	1,062.00	17.30	MWD	H & B
7/12/2008	1,156.00	20.00	MWD	H & B
7/12/2008	1,249.00	23.00	MWD	H & B
7/12/2008	1,343.00	22.80	MWD	H & B
7/12/2008	1,437.00	22.70	MWD	H & B
7/12/2008	1,532.00	22.20	MWD	H & B
7/12/2008	1,625.00	23.50	MWD	H & B
7/12/2008	1,720.00	23.10	MWD	H & B
7/12/2008	1,814.00	23.60	MWD	H & B
7/12/2008	1,907.00	23.60	MWD	H & B
7/13/2008	2,002.00	22.90	MWD	H & B
7/13/2008	2,096.00	22.50	MWD	H & B
7/13/2008	2,189.00	22.50	MWD	H & B
7/13/2008	2,282.00	22.70	MWD	H & B
7/13/2008	2,376.00	22.00	MWD	H & B
7/13/2008	2,469.00	21.70	MWD	H & B
7/13/2008	2,563.00	21.20	MWD	H & B
7/13/2008	2,659.00	20.50	MWD	H & B
7/13/2008	2,752.00	20.10	MWD	H & B
7/13/2008	2,845.00	20.30	MWD	H & B
7/13/2008	2,941.00	19.80	MWD	H & B
7/13/2008	3,035.00	19.90	MWD	H & B
7/13/2008	3,129.00	19.10	MWD	H & B
7/13/2008	3,221.00	19.30	MWD	H & B
7/13/2008	3,313.00	20.90	MWD	H & B

I, the undersigned, certify that I acting in my capacity as Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Samuel L. Sh...

Subscribed and sworn to me this 25th June

Ethel Kelly

Notary Public in and for San Juan County, New Mexico

My Commission expires Oct 1, 2012

COP Deviation Report

SAN JUAN 27-4 UNIT #139N

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
7/13/2008	3,408.00	19.50	MWD	H & B	
7/13/2008	3,500.00	20.30	MWD	H & B	
7/13/2008	3,595.00	20.20	MWD	H & B	
7/13/2008	3,690.00	21.10	MWD	H & B	
7/13/2008	3,785.00	21.80	MWD	H & B	
7/13/2008	3,881.00	19.50	MWD	H & B	
7/13/2008	3,975.00	16.00	MWD	H & B	
8/15/2008	4,068.00	12.40	Gyro MS	Gyrodata	
7/13/2008	4,068.00	12.40	MWD	H & B	
8/15/2008	4,099.05	11.89	Gyro MS	Gyrodata	
7/13/2008	4,163.00	9.30	MWD	H & B	
8/15/2008	4,198.91	8.91	Gyro MS	Gyrodata	
7/13/2008	4,258.00	7.80	MWD	H & B	
8/15/2008	4,299.08	6.75	Gyro MS	Gyrodata	
7/13/2008	4,353.00	4.30	MWD	H & B	
8/15/2008	4,399.00	3.74	Gyro MS	Gyrodata	
7/13/2008	4,428.00	2.90	MWD	H & B	
8/15/2008	4,499.71	5.47	Gyro MS	Gyrodata	
8/15/2008	4,599.33	6.78	Gyro MS	Gyrodata	
8/15/2008	4,699.44	7.84	Gyro MS	Gyrodata	
8/15/2008	4,799.45	9.24	Gyro MS	Gyrodata	
8/15/2008	4,898.99	10.83	Gyro MS	Gyrodata	
8/15/2008	4,999.27	12.58	Gyro MS	Gyrodata	
8/15/2008	5,099.38	14.70	Gyro MS	Gyrodata	
8/15/2008	5,199.15	16.15	Gyro MS	Gyrodata	
8/15/2008	5,299.23	18.08	Gyro MS	Gyrodata	
8/15/2008	5,398.76	20.60	Gyro MS	Gyrodata	
8/15/2008	5,498.90	17.41	Gyro MS	Gyrodata	
8/15/2008	5,599.33	14.03	Gyro MS	Gyrodata	
8/15/2008	5,698.99	10.98	Gyro MS	Gyrodata	
8/15/2008	5,799.18	8.53	Gyro MS	Gyrodata	
8/15/2008	5,898.99	6.64	Gyro MS	Gyrodata	
8/15/2008	5,998.70	5.43	Gyro MS	Gyrodata	
8/15/2008	6,098.96	4.85	Gyro MS	Gyrodata	
8/15/2008	6,199.00	3.58	Gyro MS	Gyrodata	
8/15/2008	6,298.96	3.56	Gyro MS	Gyrodata	
8/15/2008	6,398.49	2.76	Gyro MS	Gyrodata	
8/15/2008	6,498.78	2.48	Gyro MS	Gyrodata	
8/15/2008	6,598.31	2.18	Gyro MS	Gyrodata	

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report, and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report

SAN JUAN 27-4 UNIT #139N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/15/2008	6,699.08	1.70	Gyro MS	Gyrodata
8/15/2008	6,798.49	2.10	Gyro MS	Gyrodata
8/15/2008	6,899.02	1.93	Gyro MS	Gyrodata
8/15/2008	6,998.34	1.93	Gyro MS	Gyrodata
8/15/2008	7,098.57	1.75	Gyro MS	Gyrodata
8/15/2008	7,198.31	1.88	Gyro MS	Gyrodata
8/15/2008	7,298.48	0.94	Gyro MS	Gyrodata
8/15/2008	7,398.37	0.36	Gyro MS	Gyrodata
8/15/2008	7,498.27	0.67	Gyro MS	Gyrodata
8/15/2008	7,598.40	0.69	Gyro MS	Gyrodata
8/15/2008	7,698.48	0.50	Gyro MS	Gyrodata
8/15/2008	7,798.40	1.08	Gyro MS	Gyrodata
8/15/2008	7,898.57	0.71	Gyro MS	Gyrodata
8/15/2008	7,998.04	1.91	Gyro MS	Gyrodata
8/15/2008	8,097.97	1.42	Gyro MS	Gyrodata
8/15/2008	8,197.77	1.62	Gyro MS	Gyrodata
8/15/2008	8,298.27	1.09	Gyro MS	Gyrodata
8/15/2008	8,398.19	1.16	Gyro MS	Gyrodata
8/15/2008	8,498.51	1.08	Gyro MS	Gyrodata
8/15/2008	8,598.04	0.79	Gyro MS	Gyrodata
8/15/2008	8,648.00	0.00	Incl	Final Depth
7/13/2008	8,683.00	1.00	Gyro SS	TOTCO

RCVD JUL 2 '09

OIL CONS. DIV.

DIST. 3

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report, and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Goodwin, Jamie L

From: Bounds, David E
Sent: Wednesday, June 17, 2009 4:09 PM
To: GRP:FAR TelemControl; GRP:SJBU PM Master Data; GRP:SJBU Regulatory; GRP:SJD First Delivery; Herring, Erica; Minor, Lori L; Ray, Gary K; Tamra Sessions
Subject: 24 hr pressures

San Juan 27-4 139N

T-862
C- 741

San Juan 27-4 59N

T-633
C-866

David Bounds.
Phone 320-4738.
MSO-First Delivery.