

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West 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

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

"AS DRILLED PLAT"

OIL CONS. DIV. DIST. 3

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30951	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 6886	⁵ Property Name CANYON LARGO UNIT	⁶ Well Number 292E
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6716'

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
J	10	25-N	6-W		1860	SOUTH	1495	EAST	RIO ARRIBA

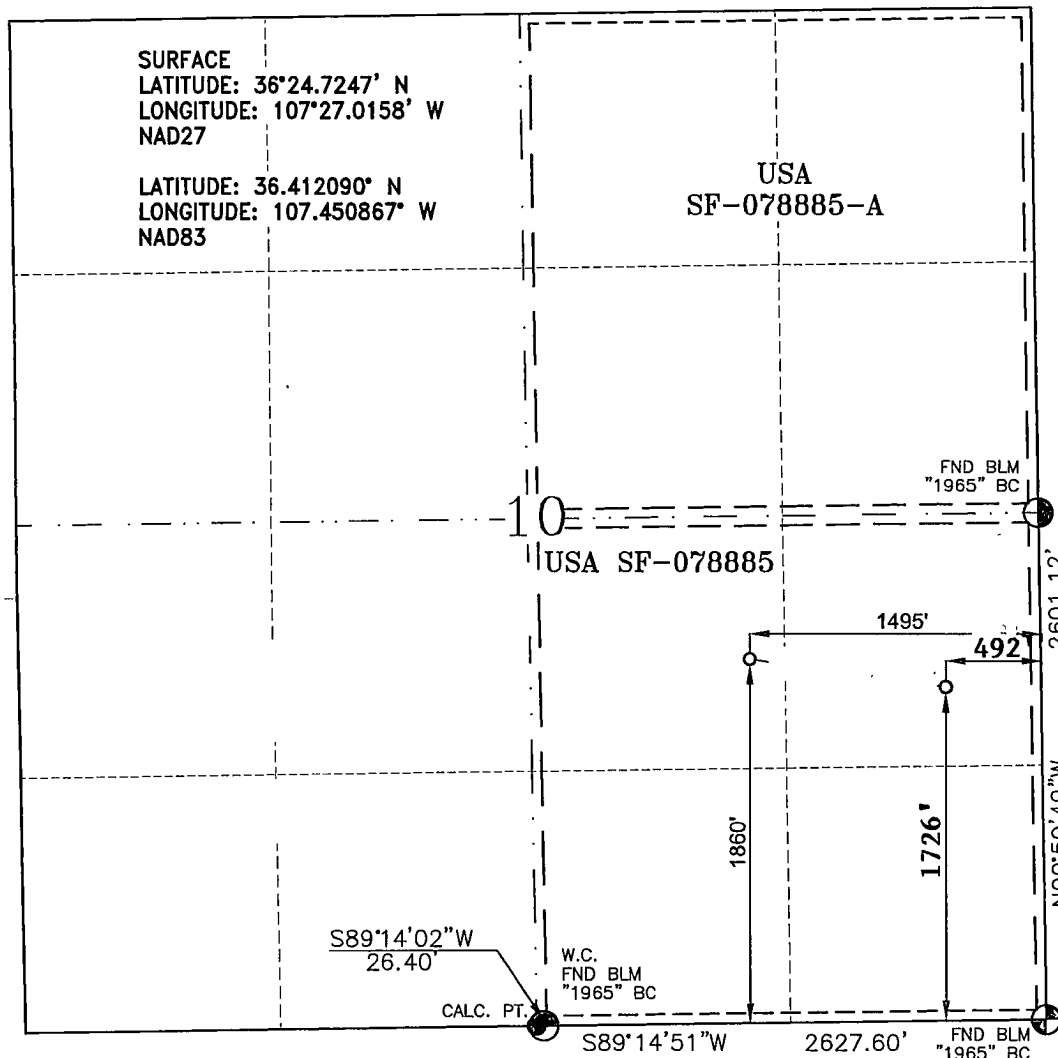
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West line	County
I	10	25-N	6-W		1726	SOUTH	492	EAST	RIO ARRIBA

¹² Dedicated Acres DK 320.00 ACRES E/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

16



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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

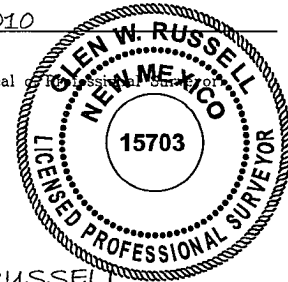
Dollie L. Busse 4/6/11
Signature
Dollie L. Busse
Printed Name

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.

JUNE 1, 2010
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number 15703

Legal WellName : CANYON LARGO UNIT #292E	API / UWI: 3003930951
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 010-025N-006W-J
St/Prov: NEW MEXICO	N/S Dist (ft): 1,860.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,495.00 - FEL

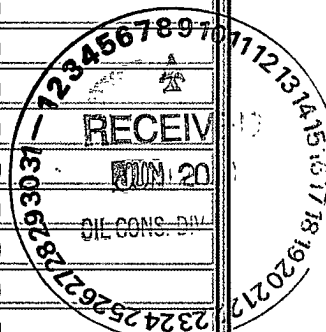
Wellbore Name : Original Hole				
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Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	03/31/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/31/2011	130.00	.75	.00	Inc-WL	MOTE
03/31/2011	239.00	.75	.00	Inc-WL	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	04/18/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/18/2011	264.00	.18	274.13	IncAzi-MWD	Scientific Drilling
04/18/2011	325.00	.09	198.46	IncAzi-MWD	Scientific Drilling
04/18/2011	387.00	.31	210.31	IncAzi-MWD	Scientific Drilling
04/18/2011	448.00	.44	223.17	IncAzi-MWD	Scientific Drilling
04/18/2011	510.00	.47	176.47	IncAzi-MWD	Scientific Drilling
04/18/2011	572.00	.71	176.79	IncAzi-MWD	Scientific Drilling
04/19/2011	634.00	.62	209.64	IncAzi-MWD	Scientific Drilling
04/19/2011	664.00	.67	207.98	IncAzi-MWD	Scientific Drilling
04/19/2011	695.00	.62	164.37	IncAzi-MWD	Scientific Drilling
04/19/2011	726.00	1.13	104.62	IncAzi-MWD	Scientific Drilling
04/19/2011	757.00	1.79	101.02	IncAzi-MWD	Scientific Drilling
04/19/2011	788.00	2.58	104.68	IncAzi-MWD	Scientific Drilling
04/19/2011	819.00	3.20	109.38	IncAzi-MWD	Scientific Drilling
04/19/2011	850.00	3.40	99.44	IncAzi-MWD	Scientific Drilling
04/19/2011	881.00	4.11	97.37	IncAzi-MWD	Scientific Drilling
04/19/2011	911.00	5.12	96.57	IncAzi-MWD	Scientific Drilling
04/19/2011	943.00	5.76	96.89	IncAzi-MWD	Scientific Drilling
04/19/2011	975.00	5.81	97.83	IncAzi-MWD	Scientific Drilling
04/19/2011	1,007.00	6.33	98.82	IncAzi-MWD	Scientific Drilling
04/19/2011	1,038.00	6.53	100.13	IncAzi-MWD	Scientific Drilling
04/19/2011	1,070.00	6.55	99.93	IncAzi-MWD	Scientific Drilling
04/19/2011	1,102.00	6.73	97.68	IncAzi-MWD	Scientific Drilling
04/19/2011	1,133.00	7.29	95.46	IncAzi-MWD	Scientific Drilling
04/19/2011	1,165.00	7.31	94.29	IncAzi-MWD	Scientific Drilling
04/19/2011	1,196.00	7.79	92.19	IncAzi-MWD	Scientific Drilling
04/19/2011	1,228.00	8.92	92.38	IncAzi-MWD	Scientific Drilling
04/19/2011	1,260.00	9.46	91.29	IncAzi-MWD	Scientific Drilling



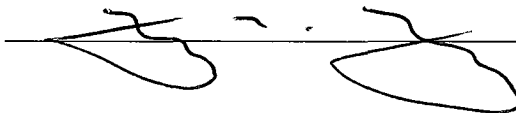
04/19/2011	1,292.00	9.41	91.67	IncAzi-MWD	Scientific Drilling
04/19/2011	1,324.00	9.61	92.88	IncAzi-MWD	Scientific Drilling
04/19/2011	1,355.00	9.99	93.01	IncAzi-MWD	Scientific Drilling
04/19/2011	1,387.00	10.01	95.81	IncAzi-MWD	Scientific Drilling
04/19/2011	1,419.00	10.28	97.08	IncAzi-MWD	Scientific Drilling
04/19/2011	1,451.00	10.82	97.56	IncAzi-MWD	Scientific Drilling
04/19/2011	1,482.00	11.82	98.94	IncAzi-MWD	Scientific Drilling
04/19/2011	1,514.00	12.60	98.39	IncAzi-MWD	Scientific Drilling
04/19/2011	1,545.00	13.39	99.17	IncAzi-MWD	Scientific Drilling
04/19/2011	1,577.00	14.22	98.97	IncAzi-MWD	Scientific Drilling
04/19/2011	1,609.00	15.19	99.44	IncAzi-MWD	Scientific Drilling
04/19/2011	1,640.00	15.91	99.20	IncAzi-MWD	Scientific Drilling
04/19/2011	1,671.00	16.93	99.70	IncAzi-MWD	Scientific Drilling
04/19/2011	1,703.00	17.26	98.47	IncAzi-MWD	Scientific Drilling
04/19/2011	1,735.00	18.82	97.64	IncAzi-MWD	Scientific Drilling
04/19/2011	1,767.00	19.57	97.66	IncAzi-MWD	Scientific Drilling
04/19/2011	1,831.00	19.86	97.18	IncAzi-MWD	Scientific Drilling
04/19/2011	1,897.00	19.42	97.03	IncAzi-MWD	Scientific Drilling
04/19/2011	1,960.00	19.21	96.41	IncAzi-MWD	Scientific Drilling
04/19/2011	2,024.00	18.51	96.19	IncAzi-MWD	Scientific Drilling
04/19/2011	2,087.00	19.38	96.14	IncAzi-MWD	Scientific Drilling
04/19/2011	2,151.00	20.40	96.12	IncAzi-MWD	Scientific Drilling
04/19/2011	2,214.00	20.14	96.35	IncAzi-MWD	Scientific Drilling
04/19/2011	2,278.00	20.75	95.47	IncAzi-MWD	Scientific Drilling
04/19/2011	2,341.00	20.61	97.37	IncAzi-MWD	Scientific Drilling
04/19/2011	2,404.00	20.44	98.12	IncAzi-MWD	Scientific Drilling
04/19/2011	2,468.00	19.61	98.15	IncAzi-MWD	Scientific Drilling
04/19/2011	2,531.00	18.84	98.17	IncAzi-MWD	Scientific Drilling
04/19/2011	2,595.00	18.08	97.84	IncAzi-MWD	Scientific Drilling
04/19/2011	2,659.00	18.14	97.39	IncAzi-MWD	Scientific Drilling
04/19/2011	2,722.00	17.74	96.29	IncAzi-MWD	Scientific Drilling
04/19/2011	2,786.00	16.39	93.72	IncAzi-MWD	Scientific Drilling
04/19/2011	2,849.00	16.08	93.95	IncAzi-MWD	Scientific Drilling
04/19/2011	2,913.00	17.20	97.20	IncAzi-MWD	Scientific Drilling
04/20/2011	2,976.00	16.33	96.80	IncAzi-MWD	Scientific Drilling
04/20/2011	3,040.00	16.25	97.62	IncAzi-MWD	Scientific Drilling
04/20/2011	3,103.00	16.81	95.83	IncAzi-MWD	Scientific Drilling
04/20/2011	3,167.00	16.83	97.62	IncAzi-MWD	Scientific Drilling
04/20/2011	3,230.00	15.93	94.93	IncAzi-MWD	Scientific Drilling
04/20/2011	3,294.00	16.36	96.90	IncAzi-MWD	Scientific Drilling
04/20/2011	3,357.00	17.91	99.32	IncAzi-MWD	Scientific Drilling
04/20/2011	3,421.00	19.01	99.33	IncAzi-MWD	Scientific Drilling
04/20/2011	3,485.00	19.37	99.15	IncAzi-MWD	Scientific Drilling
04/20/2011	3,548.00	18.61	100.53	IncAzi-MWD	Scientific Drilling
04/20/2011	3,612.00	18.20	98.59	IncAzi-MWD	Scientific Drilling
04/20/2011	3,675.00	18.82	97.92	IncAzi-MWD	Scientific Drilling
04/20/2011	3,739.00	18.69	98.93	IncAzi-MWD	Scientific Drilling
04/20/2011	3,802.00	19.35	99.01	IncAzi-MWD	Scientific Drilling

04/20/2011	3,866.00	19.21	98.91	IncAzi-MWD	Scientific Drilling
04/20/2011	3,929.00	18.11	98.12	IncAzi-MWD	Scientific Drilling
04/20/2011	3,993.00	17.62	97.61	IncAzi-MWD	Scientific Drilling
04/20/2011	4,057.00	16.68	96.63	IncAzi-MWD	Scientific Drilling
04/20/2011	4,120.00	15.84	95.26	IncAzi-MWD	Scientific Drilling
04/20/2011	4,184.00	14.95	94.36	IncAzi-MWD	Scientific Drilling
04/20/2011	4,247.00	14.55	94.43	IncAzi-MWD	Scientific Drilling
04/20/2011	4,311.00	13.89	96.28	IncAzi-MWD	Scientific Drilling
04/20/2011	4,374.00	11.77	99.10	IncAzi-MWD	Scientific Drilling
04/20/2011	4,438.00	9.79	102.72	IncAzi-MWD	Scientific Drilling
04/20/2011	4,502.00	8.18	102.72	IncAzi-MWD	Scientific Drilling
04/20/2011	4,565.00	6.62	104.61	IncAzi-MWD	Scientific Drilling
04/20/2011	4,629.00	5.24	107.74	IncAzi-MWD	Scientific Drilling
04/20/2011	4,700.00	4.32	101.89	IncAzi-MWD	Scientific Drilling
04/20/2011	4,757.00	4.32	101.89	IncAzi-MWD	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	05/07/2011	.00	.00	.00

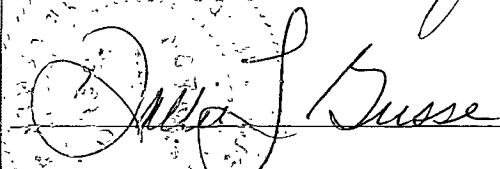
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/07/2011	7,380.00	2.00	.00	Inc-WL	Phoenix Services LLC

I, the undersigned, certify that I, acting in my capacity as DRILLING 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.



Subscribed and sworn to me this

June 4, 2011



Notary Public in and for San Juan County, New Mexico

My Commission expires

AUGUST 4, 2014



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 10-T25N-R6W
Canyon Largo Unit #292E

Original Hole

Design: Original Hole

Standard Survey Report

25 April, 2011

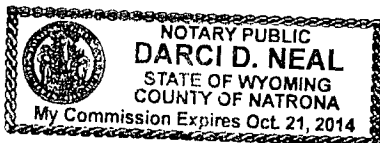


This survey is correct to the best of my knowledge and is supported by actual field data.

Notarized this date 26th of April, 2011.

Darci D. Neal

Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #292E
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6729 0ft (15' DF + 6714' GL)
Site:	SEC 10-T25N-R6W	MD Reference:	AWS 673 @ 6729 0ft (15' DF + 6714' GL)
Well:	Canyon Largo Unit #292E	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Project:	SJB (NM Central), 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 Central 3002		Using geodetic scale factor

Site:	SEC 10-T25N-R6W		
Site Position:		Northing:	1,971,404.68 ft
From:	Lat/Long	Easting:	146,823.14 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 24' 43.482 N
		Longitude:	107° 27' 0.948 W
		Grid Convergence:	-0.71 °

Well:	Canyon Largo Unit #292E, S-Type MV/DK Well		
Well Position	+N/-S	0 0 ft	Northing: 1,971,404.68 ft
	+E/-W	0 0 ft	Easting: 146,823.14 ft
Position Uncertainty	3 5 ft	Wellhead Elevation:	ft
		Latitude:	36° 24' 43.482 N
		Longitude:	107° 27' 0.948 W
		Ground Level:	6,714.0 ft

Wellbore:	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2010	3/23/2011	9.74	63.28	50,608

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	97.63

Survey Program	Date	4/25/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
264.0	4,700.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1 0 1

Survey:									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0 0	0 00	0 00	0 0	0 0	0 0	0 0	0 00	0 00	0 00
264.0	0 18	274.13	264.0	0 0	-0.4	-0.4	0.07	0.07	0 00
First SDI MWD Survey									
325 0	0 09	198.46	325 0	0 0	-0.5	-0.5	0 30	-0.15	-124.05
387 0	0 31	210 31	387 0	-0.2	-0.6	-0.6	0.36	0 35	19.11
448.0	0 44	223.17	448.0	-0 5	-0.9	-0.8	0.25	0.21	21 08
510.0	0 47	176 47	510.0	-0 9	-1.0	-0.9	0.58	0 05	-75.32
572 0	0 71	176.79	572.0	-1.6	-1.0	-0.8	0.39	0.39	0 52
634 0	0 62	209 64	634 0	-2 3	-1.1	-0.8	0.62	-0.15	52.98
664 0	0 67	207.98	664.0	-2.5	-1 3	-0.9	0 18	0.17	-5 53
695 0	0 62	164.37	695.0	-2.9	-1 3	-0.9	1.55	-0 16	-140.68
726.0	1 13	104.62	726.0	-3 1	-1 0	-0 6	3.15	1.65	-192 74
757.0	1 79	101.02	757.0	-3.3	-0.2	0 2	2.15	2.13	-11 61

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #292E
Project:	SJB (NM Central)	TYD Reference:	AWS 673 @ 6729.0ft (15' DF + 6714' GL)
Site:	SEC 10-T25N-R6W	MD Reference:	AWS 673 @ 6729 0ft (15' DF + 6714' GL)
Well:	Canyon Largo Unit #292E	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)	
788.0	2.58	104.68	787.9	-3.5	0.9	1.4	2.59	2.55	11.81	
819.0	3.20	109.38	818.9	-4.0	2.4	2.9	2.14	2.00	15.16	
850.0	3.40	99.44	849.9	-4.4	4.2	4.7	1.95	0.65	-32.06	
881.0	4.11	97.37	880.8	-4.7	6.2	6.7	2.33	2.29	-6.68	
911.0	5.12	96.57	910.7	-5.0	8.6	9.1	3.37	3.37	-2.67	
943.0	5.76	96.89	942.5	-5.4	11.6	12.2	2.00	2.00	1.00	
975.0	5.81	97.83	974.4	-5.8	14.8	15.4	0.33	0.16	2.94	
1,007.0	6.33	98.82	1,006.2	-6.3	18.1	18.8	1.66	1.63	3.09	
1,038.0	6.53	100.13	1,037.0	-6.9	21.5	22.3	0.80	0.65	4.23	
1,070.0	6.55	99.93	1,068.8	-7.5	25.1	25.9	0.09	0.06	-0.63	
1,102.0	6.73	97.68	1,100.6	-8.1	28.8	29.6	0.99	0.56	-7.03	
1,133.0	7.29	95.46	1,131.4	-8.5	32.5	33.4	2.01	1.81	-7.16	
1,165.0	7.31	94.29	1,163.1	-8.8	36.6	37.4	0.47	0.06	-3.66	
1,196.0	7.79	92.19	1,193.8	-9.1	40.7	41.5	1.79	1.55	-6.77	
1,228.0	8.92	92.38	1,225.5	-9.3	45.3	46.1	3.53	3.53	0.59	
1,260.0	9.46	91.29	1,257.1	-9.4	50.4	51.2	1.77	1.69	-3.41	
1,292.0	9.41	91.67	1,288.6	-9.6	55.7	56.4	0.25	-0.16	1.19	
1,324.0	9.61	92.88	1,320.2	-9.8	60.9	61.7	0.88	0.63	3.78	
1,355.0	9.99	93.01	1,350.8	-10.0	66.2	67.0	1.23	1.23	0.42	
1,387.0	10.01	95.81	1,382.3	-10.5	71.7	72.5	1.52	0.06	8.75	
1,419.0	10.28	97.08	1,413.8	-11.1	77.3	78.1	1.10	0.84	3.97	
1,451.0	10.82	97.56	1,445.2	-11.8	83.2	84.0	1.71	1.69	1.50	
1,482.0	11.82	98.94	1,475.6	-12.7	89.2	90.1	3.34	3.23	4.45	
1,514.0	12.60	98.39	1,506.9	-13.7	95.9	96.8	2.46	2.44	-1.72	
1,545.0	13.39	99.17	1,537.1	-14.8	102.8	103.8	2.61	2.55	2.52	
1,577.0	14.22	98.97	1,568.2	-16.0	110.3	111.4	2.60	2.59	-0.63	
1,609.0	15.19	99.44	1,599.1	-17.3	118.3	119.6	3.05	3.03	1.47	
1,640.0	15.91	99.20	1,629.0	-18.7	126.5	127.9	2.33	2.32	-0.77	
1,671.0	16.93	99.70	1,658.7	-20.1	135.2	136.6	3.32	3.29	1.61	
1,703.0	17.26	98.47	1,689.3	-21.6	144.5	146.0	1.53	1.03	-3.84	
1,735.0	18.82	97.64	1,719.7	-23.0	154.3	155.9	4.94	4.88	-2.59	
1,767.0	19.57	97.66	1,750.0	-24.4	164.7	166.5	2.34	2.34	0.06	
1,831.0	19.86	97.18	1,810.2	-27.2	186.1	188.1	0.52	0.45	-0.75	
1,897.0	19.42	97.03	1,872.4	-29.9	208.1	210.2	0.67	-0.67	-0.23	
1,960.0	19.21	96.41	1,931.8	-32.3	228.8	231.1	0.47	-0.33	-0.98	
2,024.0	18.51	96.19	1,992.4	-34.6	249.4	251.8	1.10	-1.09	-0.34	
2,087.0	19.38	96.14	2,052.0	-36.8	269.7	272.2	1.38	1.38	-0.08	
2,151.0	20.40	96.12	2,112.2	-39.1	291.4	294.0	1.59	1.59	-0.03	
2,214.0	20.14	96.35	2,171.3	-41.5	313.1	315.8	0.43	-0.41	0.37	
2,278.0	20.75	95.47	2,231.2	-43.8	335.3	338.1	1.07	0.95	-1.38	
2,341.0	20.61	97.37	2,290.2	-46.3	357.4	360.4	1.09	-0.22	3.02	
2,404.0	20.44	98.12	2,349.2	-49.3	379.3	382.5	0.50	-0.27	1.19	
2,468.0	19.61	98.15	2,409.3	-52.4	401.0	404.4	1.30	-1.30	0.05	
2,531.0	18.84	98.17	2,468.8	-55.3	421.5	425.1	1.22	-1.22	0.03	
2,595.0	18.08	97.84	2,529.5	-58.1	441.6	445.4	1.20	-1.19	-0.52	
2,659.0	18.14	97.39	2,590.3	-60.8	461.3	465.3	0.24	0.09	-0.70	
2,722.0	17.74	96.29	2,650.3	-63.1	480.6	484.7	0.83	-0.63	-1.75	
2,786.0	16.39	93.72	2,711.4	-64.7	499.3	503.4	2.42	-2.11	-4.02	
2,849.0	16.08	93.95	2,771.9	-65.9	516.8	521.0	0.50	-0.49	0.37	
2,913.0	17.20	97.20	2,833.2	-67.7	535.1	539.3	2.27	1.75	5.08	
2,976.0	16.33	96.80	2,893.6	-69.9	553.1	557.5	1.39	-1.38	-0.63	
3,040.0	16.25	97.62	2,955.0	-72.2	570.9	575.4	0.38	-0.13	1.28	
3,103.0	16.81	95.83	3,015.4	-74.3	588.7	593.4	1.20	0.89	-2.84	
3,167.0	16.83	97.62	3,076.7	-76.4	607.1	611.9	0.81	0.03	2.80	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #292E
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6729.0ft (15' DF + 6714' GL)
Site:	SEC 10-T25N-R6W	MD Reference:	AWS 673 @ 6729.0ft (15' DF + 6714' GL)
Well:	Canyon Largo Unit #292E	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)	
3,230.0	15.93	94.93	3,137.1	-78.4	624.8	629.6	1.87	-1.43	-4.27	
3,294.0	16.36	96.90	3,198.6	-80.2	642.5	647.4	1.09	0.67	3.08	
3,357.0	17.91	99.32	3,258.8	-82.9	660.8	666.0	2.71	2.46	3.84	
3,421.0	19.01	99.33	3,319.5	-86.1	680.8	686.2	1.72	1.72	0.02	
3,485.0	19.37	99.15	3,379.9	-89.5	701.6	707.3	0.57	0.56	-0.28	
3,548.0	18.61	100.53	3,439.5	-93.0	721.8	727.7	1.40	-1.21	2.19	
3,612.0	18.20	98.59	3,500.2	-96.4	741.7	747.9	1.15	-0.64	-3.03	
3,675.0	18.82	97.92	3,560.0	-99.2	761.5	767.9	1.04	0.98	-1.06	
3,739.0	18.69	98.93	3,620.6	-102.3	781.9	788.5	0.55	-0.20	1.58	
3,802.0	19.35	99.01	3,680.1	-105.5	802.1	809.0	1.05	1.05	0.13	
3,866.0	19.21	98.91	3,740.5	-108.8	823.0	830.2	0.22	-0.22	-0.16	
3,929.0	18.11	98.12	3,800.2	-111.7	842.9	850.3	1.79	-1.75	-1.25	
3,993.0	17.62	97.61	3,861.1	-114.4	862.4	870.0	0.80	-0.77	-0.80	
4,057.0	16.68	96.63	3,922.3	-116.8	881.1	888.8	1.54	-1.47	-1.53	
4,120.0	15.84	95.26	3,982.8	-118.6	898.7	906.5	1.47	-1.33	-2.17	
4,184.0	14.95	94.36	4,044.5	-120.0	915.6	923.4	1.44	-1.39	-1.41	
4,247.0	14.55	94.43	4,105.4	-121.3	931.6	939.4	0.64	-0.63	0.11	
4,311.0	13.89	96.28	4,167.4	-122.7	947.2	955.1	1.25	-1.03	2.89	
4,374.0	11.77	99.10	4,228.9	-124.6	961.1	969.1	3.51	-3.37	4.48	
4,438.0	9.79	102.72	4,291.7	-126.8	972.9	981.1	3.27	-3.09	5.66	
4,502.0	8.18	102.72	4,354.9	-129.0	982.6	991.0	2.52	-2.52	0.00	
4,565.0	6.62	104.61	4,417.4	-130.9	990.5	999.1	2.51	-2.48	3.00	
4,629.0	5.24	107.74	4,481.1	-132.7	996.8	1,005.6	2.21	-2.16	4.89	
4,700.0	4.32	101.89	4,551.8	-134.3	1,002.5	1,011.5	1.46	-1.30	-8.24	
Last SDI MWD Survey										

Checked By: _____ Approved By: _____ Date: _____