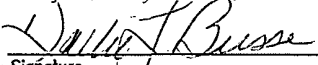
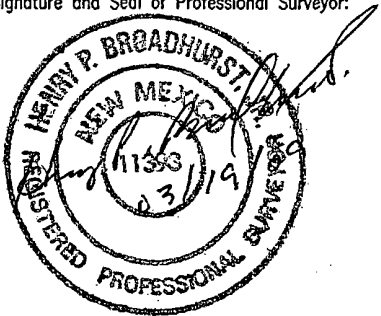


17 OPERATOR CERTIFICATION	
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right 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.</i>	
	
Signature	
Dollie L. Busse	
Printed Name	
Staff Regulatory Tech	
Title and E-mail Address	
May 4, 2011	
Date	
18 SURVEYOR CERTIFICATION	
<i>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.</i>	
Date of Survey: 3/6/09	
Signature and Seal of Professional Surveyor:	
	
Certificate Number: NM 11393	

Legal WellName : CANYON LARGO UNIT #239P	API / UWI: 3003930882
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 001-025N-006W-F
St/Prov: NEW MEXICO	N/S Dist (ft): 1,571.00 - FNL
County: RIO ARriba	E/W Dist (ft): 1,396.00 - FWL

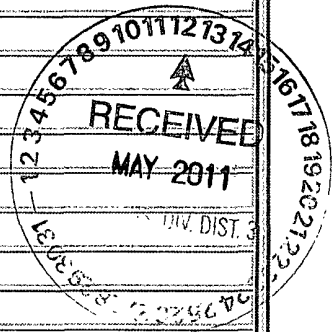
Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	03/14/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/14/2011	130.00	.75	.00	Inc-WL	MOTE
03/14/2011	240.00	.75	.00	Inc-WL	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	03/29/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/29/2011	267.00	.93	79.61	IncAzi-MWD	Scientific Drilling
03/29/2011	329.00	.68	80.99	IncAzi-MWD	Scientific Drilling
03/29/2011	390.00	.27	325.52	IncAzi-MWD	Scientific Drilling
03/29/2011	452.00	1.58	293.27	IncAzi-MWD	Scientific Drilling
03/29/2011	514.00	1.85	288.72	IncAzi-MWD	Scientific Drilling
03/29/2011	575.00	1.71	312.41	IncAzi-MWD	Scientific Drilling
03/29/2011	636.00	1.52	353.36	IncAzi-MWD	Scientific Drilling
03/29/2011	698.00	1.70	354.21	IncAzi-MWD	Scientific Drilling
03/29/2011	759.00	1.49	321.25	IncAzi-MWD	Scientific Drilling
03/29/2011	821.00	2.27	320.96	IncAzi-MWD	Scientific Drilling
03/29/2011	882.00	4.29	324.45	IncAzi-MWD	Scientific Drilling
03/29/2011	947.00	5.13	323.99	IncAzi-MWD	Scientific Drilling
03/29/2011	1,011.00	6.50	318.46	IncAzi-MWD	Scientific Drilling
03/29/2011	1,074.00	7.73	315.78	IncAzi-MWD	Scientific Drilling
03/29/2011	1,137.00	8.80	314.07	IncAzi-MWD	Scientific Drilling
03/29/2011	1,200.00	9.67	308.92	IncAzi-MWD	Scientific Drilling
03/29/2011	1,262.00	9.64	304.87	IncAzi-MWD	Scientific Drilling
03/30/2011	1,324.00	9.77	303.46	IncAzi-MWD	Scientific Drilling
03/30/2011	1,386.00	10.40	301.12	IncAzi-MWD	Scientific Drilling
03/30/2011	1,449.00	10.12	302.00	IncAzi-MWD	Scientific Drilling
03/30/2011	1,545.00	11.00	297.39	IncAzi-MWD	Scientific Drilling
03/30/2011	1,608.00	11.67	294.16	IncAzi-MWD	Scientific Drilling
03/30/2011	1,670.00	12.62	299.47	IncAzi-MWD	Scientific Drilling
03/30/2011	1,733.00	13.91	305.97	IncAzi-MWD	Scientific Drilling
03/30/2011	1,796.00	15.22	307.82	IncAzi-MWD	Scientific Drilling
03/30/2011	1,859.00	16.90	306.17	IncAzi-MWD	Scientific Drilling
03/30/2011	1,922.00	19.20	303.55	IncAzi-MWD	Scientific Drilling

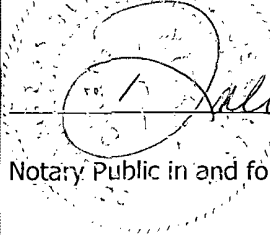


03/30/2011	1,985.00	19.43	304.50	IncAzi-MWD	Scientific Drilling
03/30/2011	2,048.00	19.95	301.87	IncAzi-MWD	Scientific Drilling
03/30/2011	2,111.00	19.95	301.84	IncAzi-MWD	Scientific Drilling
03/30/2011	2,173.00	19.91	302.62	IncAzi-MWD	Scientific Drilling
03/30/2011	2,236.00	20.78	302.27	IncAzi-MWD	Scientific Drilling
03/30/2011	2,299.00	21.35	301.86	IncAzi-MWD	Scientific Drilling
03/30/2011	2,361.00	21.97	302.63	IncAzi-MWD	Scientific Drilling
03/30/2011	2,425.00	22.35	302.06	IncAzi-MWD	Scientific Drilling
03/30/2011	2,487.00	22.34	302.49	IncAzi-MWD	Scientific Drilling
03/30/2011	2,551.00	20.34	305.88	IncAzi-MWD	Scientific Drilling
03/30/2011	2,614.00	19.45	305.38	IncAzi-MWD	Scientific Drilling
03/30/2011	2,677.00	18.21	305.15	IncAzi-MWD	Scientific Drilling
03/30/2011	2,740.00	18.35	306.69	IncAzi-MWD	Scientific Drilling
03/30/2011	2,803.00	19.44	304.76	IncAzi-MWD	Scientific Drilling
03/30/2011	2,866.00	17.39	303.91	IncAzi-MWD	Scientific Drilling
03/30/2011	2,929.00	16.39	304.83	IncAzi-MWD	Scientific Drilling
03/30/2011	2,993.00	18.04	303.42	IncAzi-MWD	Scientific Drilling
03/30/2011	3,056.00	17.85	301.30	IncAzi-MWD	Scientific Drilling
03/30/2011	3,119.00	17.53	303.89	IncAzi-MWD	Scientific Drilling
03/30/2011	3,182.00	17.75	304.63	IncAzi-MWD	Scientific Drilling
03/30/2011	3,245.00	18.29	303.90	IncAzi-MWD	Scientific Drilling
03/30/2011	3,308.00	18.19	299.46	IncAzi-MWD	Scientific Drilling
03/30/2011	3,371.00	16.66	298.64	IncAzi-MWD	Scientific Drilling
03/30/2011	3,434.00	17.23	297.55	IncAzi-MWD	Scientific Drilling
03/30/2011	3,498.00	18.57	297.09	IncAzi-MWD	Scientific Drilling
03/30/2011	3,561.00	20.12	299.83	IncAzi-MWD	Scientific Drilling
03/30/2011	3,624.00	19.40	302.59	IncAzi-MWD	Scientific Drilling
03/30/2011	3,687.00	18.63	302.78	IncAzi-MWD	Scientific Drilling
03/30/2011	3,750.00	18.97	304.22	IncAzi-MWD	Scientific Drilling
03/30/2011	3,814.00	18.13	303.12	IncAzi-MWD	Scientific Drilling
03/30/2011	3,877.00	17.11	305.57	IncAzi-MWD	Scientific Drilling
03/30/2011	3,940.00	16.78	301.39	IncAzi-MWD	Scientific Drilling
03/30/2011	4,003.00	16.43	302.90	IncAzi-MWD	Scientific Drilling
03/30/2011	4,067.00	16.07	299.12	IncAzi-MWD	Scientific Drilling
03/30/2011	4,131.00	15.78	303.59	IncAzi-MWD	Scientific Drilling
03/30/2011	4,194.00	15.40	302.31	IncAzi-MWD	Scientific Drilling
03/30/2011	4,257.00	13.87	303.06	IncAzi-MWD	Scientific Drilling
03/31/2011	4,321.00	13.17	296.18	IncAzi-MWD	Scientific Drilling
03/31/2011	4,385.00	12.80	300.41	IncAzi-MWD	Scientific Drilling
03/31/2011	4,448.00	12.22	297.09	IncAzi-MWD	Scientific Drilling
03/31/2011	4,510.00	10.58	303.64	IncAzi-MWD	Scientific Drilling
03/31/2011	4,574.00	9.75	297.00	IncAzi-MWD	Scientific Drilling
03/31/2011	4,637.00	8.87	303.33	IncAzi-MWD	Scientific Drilling
03/31/2011	4,700.00	7.73	306.78	IncAzi-MWD	Scientific Drilling
03/31/2011	4,763.00	6.09	306.97	IncAzi-MWD	Scientific Drilling
03/31/2011	4,797.00	5.51	308.24	IncAzi-MWD	Scientific Drilling
03/31/2011	4,854.00	4.54	308.24	Projection	Scientific Drilling
04/05/2011	7,595.00	2.00	.00	Inc-MWD	Aztec Well Servicing Co Inc

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.

BEN TOLMAN

Subscribed and sworn to me this MAY 10, 2011

 Dallas J. Busse
Notary Public in and for San Juan County, New Mexico

My Commission expires AUGUST 6, 2014



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)

SEC 01-T25N-R6W

Canyon Largo Unit #239P

Original Hole

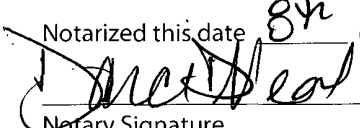
Design: Original Hole

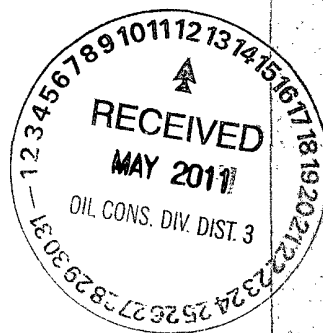
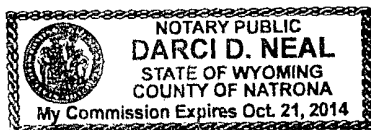
Standard Survey Report

07 April, 2011

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

Notarized this date 8th of April, 2011.

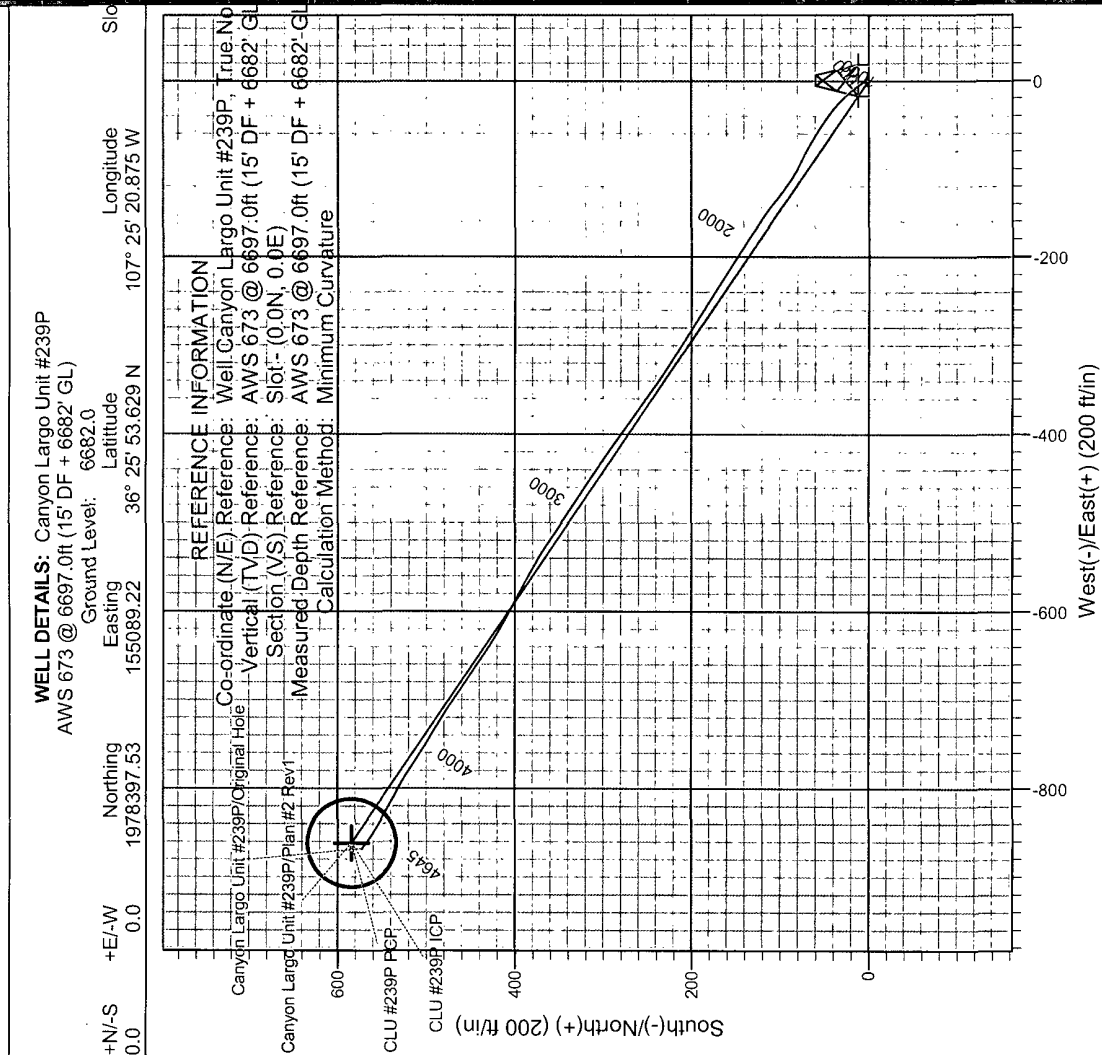

Notary Signature
County of Natrona
State of Wyoming




ConocoPhillips



ConocoPhillips



PROJECT DETAILS: SJB (NM Central)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level

SITE DETAILS: SEC 01-T25N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 25' 53.629 N
Longitude: 107° 25' 20.875 W
Positional Uncertainty: 7.5
Convergence: -0.70
Local North: True



Scientific Drilling Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #239P
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Site:	SEC 01-T25N-R6W	MD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Well:	Canyon Largo Unit #239P	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 01-T25N-R6W			
Site Position:		Northing:	1,978,397.53 ft	Latitude:	36° 25' 53.629 N
From:	Lat/Long	Easting:	155,089.22 ft	Longitude:	107° 25' 20.875 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.70 °

Well	Canyon Largo Unit #239P, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	1,978,397.53 ft	Latitude:	36° 25' 53.629 N
	+E/-W	0.0 ft	Easting:	155,089.22 ft	Longitude:	107° 25' 20.875 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,682.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	2/17/2011	9.74	63.30	50,634

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	303.42	

Survey Program	Date 4/7/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
267.0	4,797.0	Survey #1 (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
267.0	0.93	79.61	267.0	0.4	2.1	-1.6	0.35	0.35	0.00
First SDI MWD Survey									
329.0	0.68	80.99	329.0	0.5	3.0	-2.2	0.40	-0.40	2.23
390.0	0.27	325.52	390.0	0.7	3.3	-2.3	1.36	-0.67	-189.30
452.0	1.58	293.27	452.0	1.2	2.4	-1.4	2.19	2.11	-52.02
514.0	1.85	288.72	513.9	1.8	0.7	0.5	0.49	0.44	-7.34
575.0	1.71	312.41	574.9	2.8	-0.9	2.3	1.22	-0.23	38.84
636.0	1.52	353.36	635.9	4.2	-1.7	3.7	1.87	-0.31	67.13
698.0	1.70	354.21	697.9	5.9	-1.9	4.8	0.29	0.29	1.37
759.0	1.49	321.25	758.8	7.4	-2.5	6.2	1.52	-0.34	-54.03
821.0	2.27	320.96	820.8	9.0	-3.8	8.1	1.26	1.26	-0.47
882.0	4.29	324.45	881.7	11.8	-5.8	11.4	3.33	3.31	5.72

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #239P
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Site:	SEC 01-T25N-R6W	MD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Well:	Canyon Largo Unit #239P	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)
947.0	5.13	323.99	946.5	16.1	-9.0	16.4	1.29	1.29	-0.71
1,011.0	6.50	318.46	1,010.2	21.2	-13.1	22.6	2.31	2.14	-8.64
1,074.0	7.73	315.78	1,072.7	26.9	-18.4	30.1	2.02	1.95	-4.25
1,137.0	8.80	314.07	1,135.0	33.3	-24.8	39.0	1.74	1.70	-2.71
1,200.0	9.67	308.92	1,197.2	39.9	-32.4	49.0	1.90	1.38	-8.17
1,262.0	9.64	304.87	1,258.3	46.2	-40.7	59.4	1.10	-0.05	-6.53
1,324.0	9.77	303.46	1,319.4	52.0	-49.3	69.8	0.44	0.21	-2.27
1,386.0	10.40	301.12	1,380.5	57.8	-58.5	80.7	1.21	1.02	-3.77
1,449.0	10.12	302.00	1,442.5	63.7	-68.1	91.9	0.51	-0.44	1.40
1,545.0	11.00	297.39	1,536.8	72.4	-83.4	109.4	1.27	0.92	-4.80
1,608.0	11.67	294.16	1,598.6	77.8	-94.5	121.7	1.46	1.06	-5.13
1,670.0	12.62	299.47	1,659.2	83.7	-106.1	134.7	2.36	1.53	8.56
1,733.0	13.91	305.97	1,720.6	91.5	-118.2	149.1	3.13	2.05	10.32
1,796.0	15.22	307.82	1,781.5	101.0	-130.9	164.9	2.21	2.08	2.94
1,859.0	16.90	306.17	1,842.1	111.5	-144.8	182.3	2.76	2.67	-2.62
1,922.0	19.20	303.55	1,902.0	122.6	-160.9	201.8	3.87	3.65	-4.16
1,985.0	19.43	304.50	1,961.4	134.3	-178.1	222.6	0.62	0.37	1.51
2,048.0	19.95	301.87	2,020.7	145.9	-195.9	243.9	1.63	0.83	-4.17
2,111.0	19.95	301.84	2,080.0	157.2	-214.2	265.3	0.02	0.00	-0.05
2,173.0	19.91	302.62	2,138.2	168.5	-232.0	286.5	0.43	-0.06	1.26
2,236.0	20.78	302.27	2,197.3	180.3	-250.5	308.4	1.39	1.38	-0.56
2,299.0	21.35	301.86	2,256.1	192.3	-269.7	331.0	0.93	0.90	-0.65
2,361.0	21.97	302.63	2,313.7	204.5	-289.1	353.9	1.10	1.00	1.24
2,425.0	22.35	302.06	2,373.0	217.4	-309.5	378.0	0.68	0.59	-0.89
2,487.0	22.34	302.49	2,430.3	230.0	-329.4	401.6	0.26	-0.02	0.69
2,551.0	20.34	305.88	2,489.9	243.0	-348.7	424.9	3.67	-3.13	5.30
2,614.0	19.45	305.38	2,549.2	255.5	-366.1	446.3	1.44	-1.41	-0.79
2,677.0	18.21	305.15	2,608.8	267.3	-382.7	466.6	1.97	-1.97	-0.37
2,740.0	18.35	306.69	2,668.6	278.9	-398.7	486.4	0.80	0.22	2.44
2,803.0	19.44	304.76	2,728.2	290.8	-415.2	506.7	1.99	1.73	-3.06
2,866.0	17.39	303.91	2,788.0	302.0	-431.7	526.6	3.28	-3.25	-1.35
2,929.0	16.39	304.83	2,848.3	312.3	-446.8	544.9	1.64	-1.59	1.46
2,993.0	18.04	303.42	2,909.4	322.9	-462.5	563.9	2.66	2.58	-2.20
3,056.0	17.85	301.30	2,969.4	333.3	-478.9	583.3	1.08	-0.30	-3.37
3,119.0	17.53	303.89	3,029.4	343.6	-495.0	602.4	1.35	-0.51	4.11
3,182.0	17.75	304.63	3,089.4	354.4	-510.8	621.5	0.50	0.35	1.17
3,245.0	18.29	303.90	3,149.3	365.4	-526.9	641.0	0.93	0.86	-1.16
3,308.0	18.19	299.46	3,209.2	375.7	-543.6	660.7	2.21	-0.16	-7.05
3,371.0	16.66	298.64	3,269.3	384.9	-560.1	679.5	2.46	-2.43	-1.30
3,434.0	17.23	297.55	3,329.5	393.5	-576.3	697.8	1.04	0.90	-1.73
3,498.0	18.57	297.09	3,390.4	402.5	-593.8	717.3	2.11	2.09	-0.72
3,561.0	20.12	299.83	3,449.9	412.5	-612.1	738.1	2.85	2.46	4.35
3,624.0	19.40	302.59	3,509.2	423.5	-630.4	759.4	1.87	-1.14	4.38
3,687.0	18.63	302.78	3,568.7	434.6	-647.6	779.9	1.23	-1.22	0.30
3,750.0	18.97	304.22	3,628.4	445.8	-664.6	800.2	0.91	0.54	2.29
3,814.0	18.13	303.12	3,689.1	457.1	-681.5	820.6	1.42	-1.31	-1.72
3,877.0	17.11	305.57	3,749.1	467.9	-697.2	839.6	2.00	-1.62	3.89
3,940.0	16.78	301.39	3,809.4	478.0	-712.6	858.0	2.00	-0.52	-6.63
4,003.0	16.43	302.90	3,869.7	487.6	-727.8	876.0	0.88	-0.56	2.40
4,067.0	16.07	299.12	3,931.2	496.8	-743.1	893.9	1.75	-0.56	-5.91
4,131.0	15.78	303.59	3,992.7	505.9	-758.1	911.4	1.97	-0.45	6.98
4,194.0	15.40	302.31	4,053.4	515.1	-772.3	928.3	0.81	-0.60	-2.03
4,257.0	13.87	303.06	4,114.4	523.7	-785.7	944.3	2.45	-2.43	1.19
4,321.0	13.17	296.18	4,176.6	531.1	-798.7	959.2	2.74	-1.09	-10.75



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Canyon Largo Unit #239P
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Site:	SEC 01-T25N-R6W	MD Reference:	AWS 673 @ 6697.0ft (15' DF + 6682' GL)
Well:	Canyon Largo Unit #239P	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)
4,385.0	12.80	300.41	4,239.0	537.9	-811.4	973.5	1.59	-0.58	6.61
4,448.0	12.22	297.09	4,300.5	544.5	-823.3	987.1	1.47	-0.92	-5.27
4,510.0	10.58	303.64	4,361.2	550.6	-833.9	999.3	3.37	-2.65	10.56
4,574.0	9.75	297.00	4,424.2	556.4	-843.6	1,010.6	2.24	-1.30	-10.38
4,637.0	8.87	303.33	4,486.4	561.4	-852.4	1,020.7	2.14	-1.40	10.05
4,700.0	7.73	306.78	4,548.7	566.6	-859.9	1,029.8	1.97	-1.81	5.48
4,763.0	6.09	306.97	4,611.3	571.2	-865.9	1,037.4	2.60	-2.60	0.30
4,797.0	5.51	308.24	4,645.1	573.3	-868.7	1,040.8	1.75	-1.71	3.74
Last SDI MWD Survey									

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
267.0	267.0	0.4	2.1	First SDI MWD Survey
4,797.0	4,645.1	573.3	-868.7	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____