

DISTRICT I
1625 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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35073		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 7259		*Property Name LESTER			*Well Number 1 B
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 5637'

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
D	3	30N	11W	4	98'	NORTH	1290'	WEST	SAN JUAN

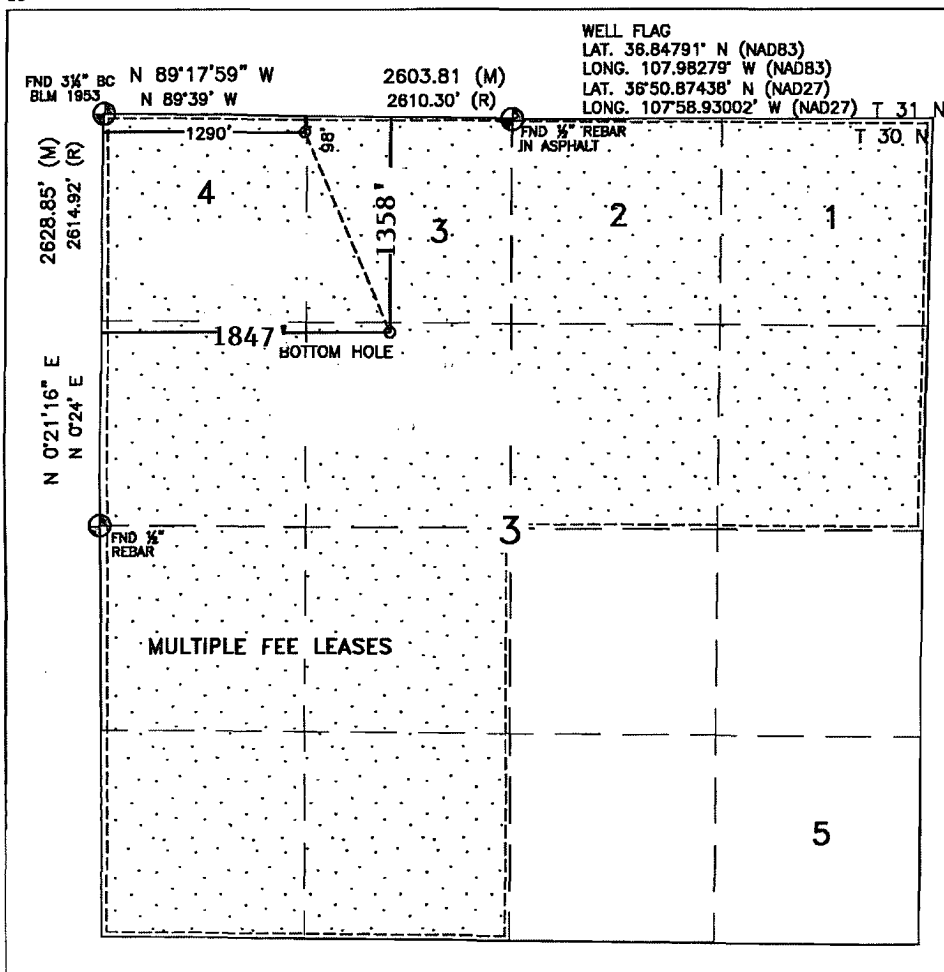
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	3	30N	11W		1358	NORTH	1847	WEST	SAN JUAN

¹² Dedicated Acres DK-320.30 ACRES (W/2) MV-320.40 ACRES (N/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

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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.

Crystal Tafoya 2/9/11
Signature Date

Crystal Tafoya 2/9/11
Printed Name

¹⁸ SURVEYOR CERTIFICATION

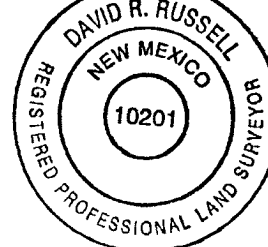
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MARCH 11, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

Legal WellName : LESTER #1B	API / UWI: 3004535073
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 003-030N-011W-D
St/Prov: NEW MEXICO	N/S Dist (ft): 98.00 - FNL
County: SAN JUAN	E/W Dist (ft): 1,290.00 - FWL

Wellbore Name : Original Hole				
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Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	10/15/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/14/2010	106.00	1.00	.00	Inc-Drop	
10/15/2010	250.00	.00	.00	Inc-Drop	

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
MWD SURVEY	10/16/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/16/2010	265.00	.26	43.98	IncAzi-MWD	Scientific Drilling
10/16/2010	327.00	.60	146.32	IncAzi-MWD	Scientific Drilling
10/16/2010	388.00	2.59	162.02	IncAzi-MWD	Scientific Drilling
10/16/2010	450.00	4.27	164.38	IncAzi-MWD	Scientific Drilling
10/16/2010	512.00	5.85	162.39	IncAzi-MWD	Scientific Drilling
10/16/2010	573.00	7.48	161.40	IncAzi-MWD	Scientific Drilling
10/16/2010	635.00	8.85	159.84	IncAzi-MWD	Scientific Drilling
10/16/2010	696.00	10.15	159.79	IncAzi-MWD	Scientific Drilling
10/16/2010	776.00	12.06	159.96	IncAzi-MWD	Scientific Drilling
10/16/2010	866.00	12.53	159.36	IncAzi-MWD	Scientific Drilling
10/16/2010	956.00	12.89	158.00	IncAzi-MWD	Scientific Drilling
10/16/2010	1,046.00	14.83	156.49	IncAzi-MWD	Scientific Drilling
10/16/2010	1,137.00	16.96	156.43	IncAzi-MWD	Scientific Drilling
10/16/2010	1,227.00	19.20	157.25	IncAzi-MWD	Scientific Drilling
10/16/2010	1,317.00	19.97	155.88	IncAzi-MWD	Scientific Drilling
10/16/2010	1,407.00	21.65	155.33	IncAzi-MWD	Scientific Drilling
10/16/2010	1,497.00	23.13	155.37	IncAzi-MWD	Scientific Drilling
10/16/2010	1,588.00	24.42	155.73	IncAzi-MWD	Scientific Drilling
10/16/2010	1,678.00	25.79	155.28	IncAzi-MWD	Scientific Drilling
10/16/2010	1,768.00	26.33	153.62	IncAzi-MWD	Scientific Drilling
10/17/2010	1,858.00	26.37	153.75	IncAzi-MWD	Scientific Drilling
10/17/2010	1,948.00	27.24	156.37	IncAzi-MWD	Scientific Drilling
10/17/2010	2,038.00	26.98	155.85	IncAzi-MWD	Scientific Drilling
10/17/2010	2,128.00	27.94	153.70	IncAzi-MWD	Scientific Drilling
10/17/2010	2,218.00	28.86	153.37	IncAzi-MWD	Scientific Drilling
10/17/2010	2,308.00	28.65	151.55	IncAzi-MWD	Scientific Drilling
10/17/2010	2,398.00	30.88	152.47	IncAzi-MWD	Scientific Drilling

10/17/2010	2,488.00	31.15	155.71	IncAzi-MWD	Scientific Drilling
10/17/2010	2,578.00	30.21	155.52	IncAzi-MWD	Scientific Drilling
10/17/2010	2,667.00	28.81	153.91	IncAzi-MWD	Scientific Drilling
10/17/2010	2,758.00	27.92	152.98	IncAzi-MWD	Scientific Drilling
10/17/2010	2,848.00	27.35	153.85	IncAzi-MWD	Scientific Drilling
10/17/2010	2,938.00	25.11	158.78	IncAzi-MWD	Scientific Drilling
10/17/2010	3,028.00	26.00	160.75	IncAzi-MWD	Scientific Drilling
10/17/2010	3,118.00	25.94	160.65	IncAzi-MWD	Scientific Drilling
10/17/2010	3,208.00	24.12	158.26	IncAzi-MWD	Scientific Drilling
10/17/2010	3,298.00	23.08	156.72	IncAzi-MWD	Scientific Drilling
10/17/2010	3,388.00	21.56	155.46	IncAzi-MWD	Scientific Drilling
10/17/2010	3,478.00	20.12	153.12	IncAzi-MWD	Scientific Drilling
10/18/2010	3,568.00	19.68	154.84	IncAzi-MWD	Scientific Drilling
10/18/2010	3,659.00	18.83	156.48	IncAzi-MWD	Scientific Drilling
10/18/2010	3,749.00	18.78	156.36	IncAzi-MWD	Scientific Drilling
10/18/2010	3,839.00	18.12	155.11	IncAzi-MWD	Scientific Drilling
10/19/2010	3,929.00	15.93	153.06	IncAzi-MWD	Scientific Drilling
10/19/2010	4,019.00	13.85	158.22	IncAzi-MWD	Scientific Drilling
10/19/2010	4,109.00	12.42	162.28	IncAzi-MWD	Scientific Drilling
10/19/2010	4,200.00	10.80	167.64	IncAzi-MWD	Scientific Drilling
10/19/2010	4,290.00	7.66	171.11	IncAzi-MWD	Scientific Drilling
10/19/2010	4,338.00	5.34	170.58	IncAzi-MWD	Scientific Drilling
10/19/2010	4,395.00	2.59	170.58	IncAzi-MWD	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	12/02/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
12/02/2010	7,025.00	.75	.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.

Todd Delmonico

Subscribed and sworn to me this January 21, 2011

Crystal L. Tafaya

Notary Public in and for San Juan County, New Mexico



My Commission expires 10/12/2014

ConocoPhillips

SJB (NM West)

SEC 03-T30N-R11W

Lester #1B

API# 30-045-35073

Original Hole



Survey: Actual

Standard Survey Report

29 October, 2010

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

Richard

Notorized this date 29th of October, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Lester #1B
Project:	SJB (NM West)	TVD Reference:	H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Site:	SEC 03-T30N-R11W	MD Reference:	H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Well:	Lester #1B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	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 03-T30N-R11W			
Site Position:		Northing:	2,127,933.05 ft	Latitude:	36° 50' 52.463 N
From:	Lat/Long	Easting:	456,451.88 ft	Longitude:	107° 58' 55.801 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.09 °

Well	Lester #1B, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,127,933.05 ft	Latitude:	36° 50' 52.463 N
	+E/-W	0.0 ft	Easting:	456,451.88 ft	Longitude:	107° 58' 55.801 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	5,637.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/4/2010	10.08	63.57	50,888

Design	As Drilled			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	156.70

Survey Program	Date 10/29/2010			
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
265.0	4,395.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N-S	+E-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate	
(ft)	(°)	(°)	(ft)	(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	
265.0	0.26	43.98	265.0	0.4	0.4	-0.2	0.10	0.10	0.00	
327.0	0.60	146.32	327.0	0.3	0.7	0.0	1.13	0.55	165.06	
388.0	2.59	162.02	388.0	-1.3	1.3	1.7	3.31	3.26	25.74	
450.0	4.27	164.38	449.9	-4.9	2.4	5.4	2.72	2.71	3.81	
512.0	5.85	162.39	511.6	-10.1	3.9	10.8	2.56	2.55	-3.21	
573.0	7.48	161.40	572.2	-16.8	6.1	17.9	2.68	2.67	-1.62	
635.0	8.85	159.84	633.6	-25.1	9.1	26.7	2.24	2.21	-2.52	
696.0	10.15	159.79	693.7	-34.6	12.5	36.7	2.13	2.13	-0.08	
776.0	12.06	159.96	772.2	-49.0	17.8	52.1	2.39	2.39	0.21	
866.0	12.53	159.36	860.2	-67.0	24.5	71.2	0.54	0.52	-0.67	
956.0	12.89	158.00	948.0	-85.5	31.7	91.0	0.52	0.40	-1.51	
1,046.0	14.83	156.49	1,035.3	-105.3	40.1	112.6	2.19	2.16	-1.68	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Lester #1B
Project:	SJB (NM West)	TVD Reference:	H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Site:	SEC 03-T30N-R11W	MD Reference:	H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Well:	Lester #1B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	edmCOP

Survey

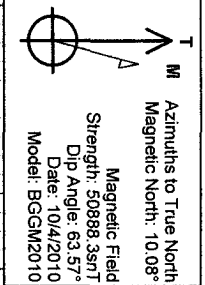
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,137.0	16.96	156.43	1,122.9	-128.2	50.0	137.5	2.34	2.34	-0.07
1,227.0	19.20	157.25	1,208.4	-153.9	61.0	165.4	2.50	2.49	0.91
1,317.0	19.97	155.88	1,293.2	-181.5	73.0	195.6	1.00	0.86	-1.52
1,407.0	21.65	155.33	1,377.3	-210.7	86.2	227.6	1.88	1.87	-0.61
1,497.0	23.13	155.37	1,460.5	-241.8	100.5	261.8	1.64	1.64	0.04
1,588.0	24.42	155.73	1,543.8	-275.2	115.7	298.5	1.43	1.42	0.40
1,678.0	25.79	155.28	1,625.3	-310.0	131.5	336.7	1.54	1.52	-0.50
1,768.0	26.33	153.62	1,706.2	-345.6	148.6	376.2	1.01	0.60	-1.84
1,858.0	26.37	153.75	1,786.8	-381.4	166.3	416.1	0.08	0.04	0.14
1,948.0	27.24	156.37	1,867.1	-418.2	183.4	456.7	1.63	0.97	2.91
2,038.0	26.98	155.85	1,947.2	-455.7	200.0	497.7	0.39	-0.29	-0.58
2,128.0	27.94	153.70	2,027.1	-493.3	217.7	539.1	1.53	1.07	-2.39
2,218.0	28.86	153.37	2,106.3	-531.6	236.8	581.9	1.04	1.02	-0.37
2,308.0	28.65	151.55	2,185.2	-570.0	256.8	625.0	1.00	-0.23	-2.02
2,398.0	30.88	152.47	2,263.3	-609.4	277.7	669.6	2.53	2.48	1.02
2,488.0	31.15	155.71	2,340.4	-651.1	298.0	715.9	1.88	0.30	3.60
2,578.0	30.21	155.52	2,417.8	-692.9	316.9	761.8	1.05	-1.04	-0.21
2,667.0	28.81	153.91	2,495.3	-732.6	335.7	805.6	1.81	-1.57	-1.81
2,758.0	27.92	152.98	2,575.4	-771.3	355.0	848.8	1.09	-0.98	-1.02
2,848.0	27.35	153.85	2,655.1	-808.6	373.7	890.4	0.78	-0.63	0.97
2,938.0	25.11	158.78	2,735.8	-845.0	389.7	930.2	3.47	-2.49	5.48
3,028.0	26.00	160.75	2,817.0	-881.4	403.1	968.9	1.37	0.99	2.19
3,118.0	25.94	160.65	2,897.9	-918.6	416.1	1,008.3	0.08	-0.07	-0.11
3,208.0	24.12	158.26	2,979.5	-954.2	429.5	1,046.3	2.31	-2.02	-2.66
3,298.0	23.08	156.72	3,062.0	-987.5	443.2	1,082.3	1.34	-1.16	-1.71
3,388.0	21.56	155.46	3,145.2	-1,018.8	457.1	1,116.5	1.77	-1.69	-1.40
3,478.0	20.12	153.12	3,229.3	-1,047.6	471.0	1,148.5	1.85	-1.60	-2.60
3,568.0	19.68	154.84	3,314.0	-1,075.1	484.4	1,179.1	0.81	-0.49	1.91
3,659.0	18.83	156.48	3,399.9	-1,102.5	496.8	1,209.1	1.11	-0.93	1.80
3,749.0	18.78	156.36	3,485.1	-1,129.1	508.4	1,238.1	0.07	-0.06	-0.13
3,839.0	18.12	155.11	3,570.4	-1,155.0	520.1	1,266.6	0.85	-0.73	-1.39
3,929.0	15.93	153.06	3,656.5	-1,178.7	531.6	1,292.9	2.52	-2.43	-2.28
4,019.0	13.85	158.22	3,743.5	-1,199.8	541.2	1,316.0	2.74	-2.31	5.73
4,109.0	12.42	162.28	3,831.1	-1,219.0	548.1	1,336.4	1.89	-1.59	4.51
4,200.0	10.80	167.64	3,920.3	-1,236.6	552.9	1,354.5	2.14	-1.78	5.89
4,290.0	7.66	171.11	4,009.1	-1,250.8	555.6	1,368.6	3.54	-3.49	3.86
4,338.0	5.34	170.58	4,056.8	-1,256.2	556.5	1,373.8	4.83	-4.83	-1.10
4,395.0	2.59	170.58	4,113.6	-1,260.1	557.1	1,377.7	4.82	-4.82	0.00



Scientific Drilling
Directional Drilling Operations

Project: SJB (NM West)
Site: SEC 03-T30N-R11W
Well: Lester #1B
Wellbore: Original Hole
Design: Plan #2

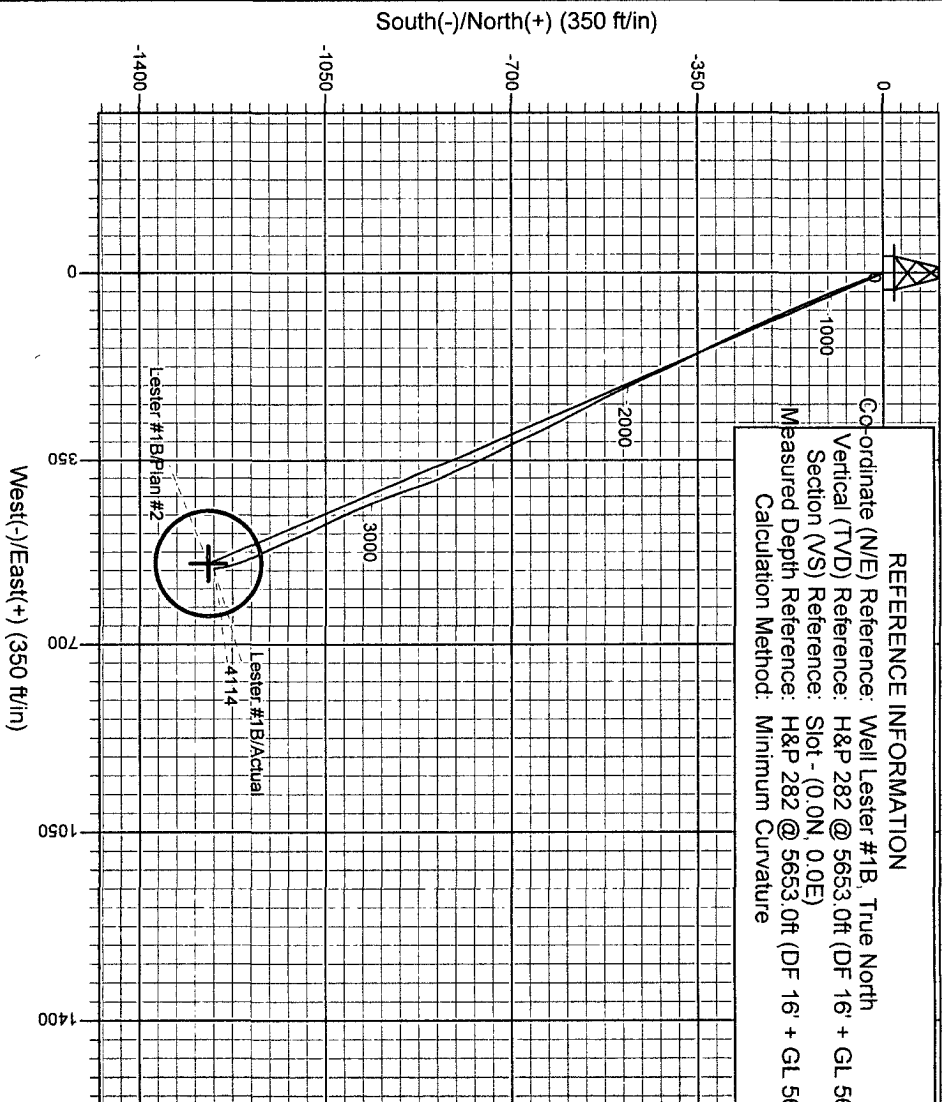
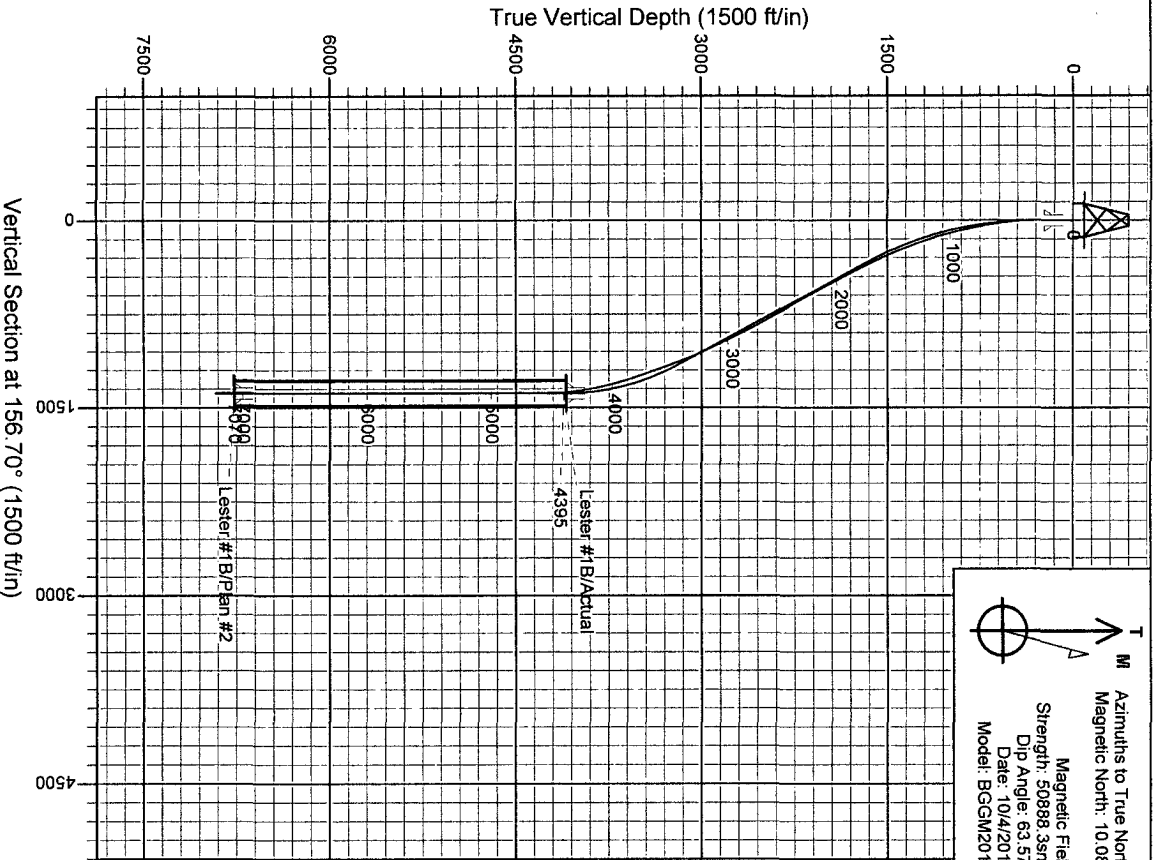
ConocoPhillips



WELL DETAILS: Lester #1B						
H&P 282 @ 5653.0ft (DF 16' + GL 5637)						
Ground Level: 5637.0						
		Easting		Latitude		
		456451.88		36° 50' 52.463 N		
					Longitude	
					107° 58' 55.801 W	
+N/-S	+E/-W	Northing				Site
0.0	0.0	2127933.05				

REFERENCE INFORMATION

Coordinate (N/E) Reference: Well Lester #1B, True North
Vertical (TVD) Reference: H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: H&P 282 @ 5653.0ft (DF 16' + GL 5637)
Calculation Method: Minimum Curvature



COMPANY DETAILS: ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method: Risk Ratio

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 03-T30N-R11W
San Juan County NM
Site Centre Latitude: 36° 50' 52.463 N
Longitude: 107° 58' 55.801 W
Positional Uncertainty: 7.5
Convergence: -0.09
Local North: True