

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

¹ API Number 30-045-35081		² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 37664	⁵ Property Name SLOANE COM		⁶ Well Number 1 F
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 5639'

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
M	34	31N	11W		7'	SOUTH	1288'	WEST	SAN JUAN

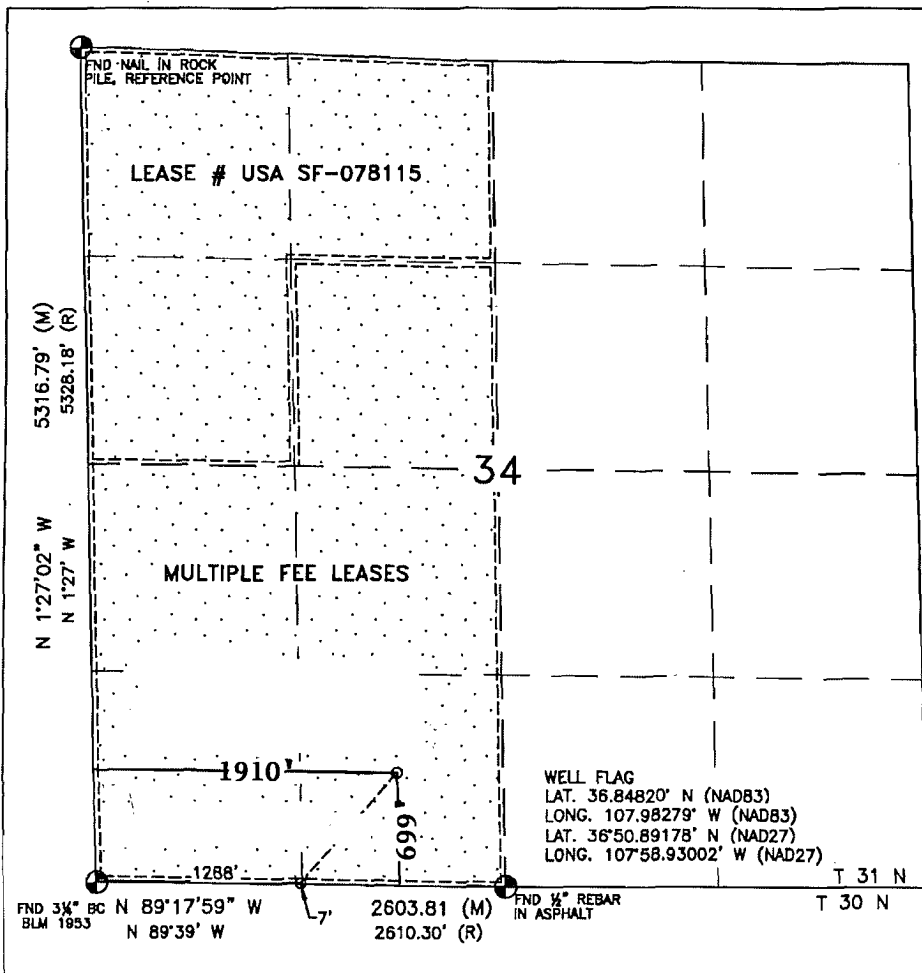
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	31N	11W		699	SOUTH	1910	WEST	SAN JUAN

13 Dedicated Acres 320.00 ACRES (W/2)	15 Joint or Infill	16 Consolidation Code	18 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

18



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.

Signature Cristal Tapaya Date 2/9/11

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 10, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

DAVID RUSSELL

Certificate Number

10201

Legal WellName : SLOANE COM #1F	API / UWI: 3004535081
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 034-031N-011W-M
St/Prov: NEW MEXICO	N/S Dist (ft): 7.00 - FSL
County: SAN JUAN	E/W Dist (ft): 1,288.00 - FWL

Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	10/27/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/27/2010	100.00	1.00	.00	Inc-Drop	H&P
10/27/2010	390.00	.25	.00	Inc-Drop	H&P
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	10/29/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
10/29/2010	413.00	.73	270.39	IncAzi-MWD	Scientific Drilling
10/29/2010	474.00	.78	283.67	IncAzi-MWD	Scientific Drilling
10/29/2010	536.00	.98	278.42	IncAzi-MWD	Scientific Drilling
10/29/2010	598.00	.89	274.37	IncAzi-MWD	Scientific Drilling
10/29/2010	659.00	.88	275.82	IncAzi-MWD	Scientific Drilling
10/29/2010	720.00	1.26	271.02	IncAzi-MWD	Scientific Drilling
10/29/2010	814.00	.71	343.04	IncAzi-MWD	Scientific Drilling
10/29/2010	903.00	2.58	36.81	IncAzi-MWD	Scientific Drilling
10/29/2010	994.00	4.99	38.99	IncAzi-MWD	Scientific Drilling
10/29/2010	1,084.00	7.22	39.60	IncAzi-MWD	Scientific Drilling
10/29/2010	1,174.00	9.19	44.32	IncAzi-MWD	Scientific Drilling
10/29/2010	1,264.00	11.10	46.57	IncAzi-MWD	Scientific Drilling
10/29/2010	1,355.00	13.51	46.25	IncAzi-MWD	Scientific Drilling
10/29/2010	1,445.00	14.31	48.44	IncAzi-MWD	Scientific Drilling
10/29/2010	1,535.00	14.84	48.71	IncAzi-MWD	Scientific Drilling
10/29/2010	1,625.00	15.95	45.67	IncAzi-MWD	Scientific Drilling
10/29/2010	1,715.00	16.32	42.89	IncAzi-MWD	Scientific Drilling
10/29/2010	1,805.00	16.69	40.66	IncAzi-MWD	Scientific Drilling
10/29/2010	1,895.00	17.12	36.55	IncAzi-MWD	Scientific Drilling
10/29/2010	1,985.00	18.11	31.63	IncAzi-MWD	Scientific Drilling
10/29/2010	2,075.00	19.53	30.69	IncAzi-MWD	Scientific Drilling
10/29/2010	2,165.00	20.66	31.28	IncAzi-MWD	Scientific Drilling
10/29/2010	2,255.00	22.42	31.72	IncAzi-MWD	Scientific Drilling
10/30/2010	2,345.00	25.10	32.84	IncAzi-MWD	Scientific Drilling
10/30/2010	2,435.00	24.83	33.40	IncAzi-MWD	Scientific Drilling
10/30/2010	2,524.00	24.12	36.32	IncAzi-MWD	Scientific Drilling
10/30/2010	2,614.00	23.26	39.90	IncAzi-MWD	Scientific Drilling

10/30/2010	2,704.00	22.61	41.56	IncAzi-MWD	Scientific Drilling
10/30/2010	2,794.00	23.71	43.95	IncAzi-MWD	Scientific Drilling
10/30/2010	2,884.00	24.25	44.48	IncAzi-MWD	Scientific Drilling
10/31/2010	2,974.00	21.72	47.88	IncAzi-MWD	Scientific Drilling
10/31/2010	3,064.00	19.63	46.78	IncAzi-MWD	Scientific Drilling
10/31/2010	3,154.00	18.35	46.53	IncAzi-MWD	Scientific Drilling
10/31/2010	3,245.00	17.95	50.60	IncAzi-MWD	Scientific Drilling
10/31/2010	3,335.00	17.36	47.90	IncAzi-MWD	Scientific Drilling
10/31/2010	3,425.00	18.24	49.02	IncAzi-MWD	Scientific Drilling
10/31/2010	3,515.00	17.43	50.64	IncAzi-MWD	Scientific Drilling
10/31/2010	3,605.00	16.95	49.79	IncAzi-MWD	Scientific Drilling
10/31/2010	3,695.00	15.83	48.32	IncAzi-MWD	Scientific Drilling
10/31/2010	3,786.00	14.48	46.11	IncAzi-MWD	Scientific Drilling
10/31/2010	3,876.00	11.31	47.20	IncAzi-MWD	Scientific Drilling
10/31/2010	3,966.00	11.23	47.98	IncAzi-MWD	Scientific Drilling
10/31/2010	4,056.00	9.96	51.23	IncAzi-MWD	Scientific Drilling
11/01/2010	4,147.00	6.07	50.69	IncAzi-MWD	Scientific Drilling
11/01/2010	4,211.00	5.19	34.38	IncAzi-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	11/08/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/08/2010	6,918.00	2.25	.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.

Tom Delamater

Subscribed and sworn to me this January 21, 2011

Crystal L. Tafayai

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014



ConocoPhillips

SJB (NM West)

SEC 34-T31N-R11W

Sloane Com #1F

API# 30-045-35081

Original Hole

Survey: Actual



Standard Survey Report

16 November, 2010

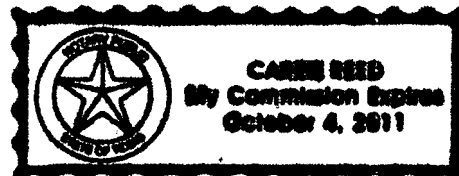
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notorized this date 16th of November, 2010.

Carm Reed

Notary Signature
County of Midland
State of Texas



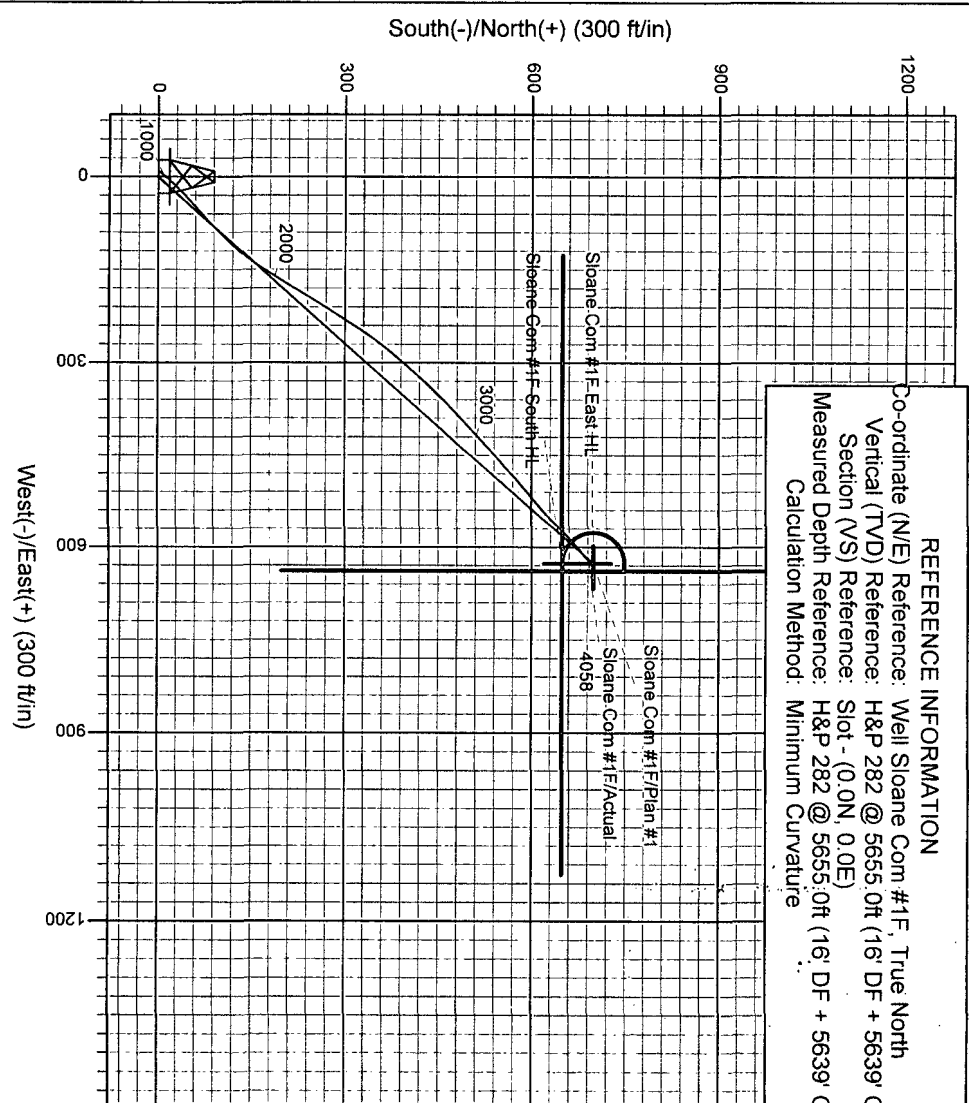
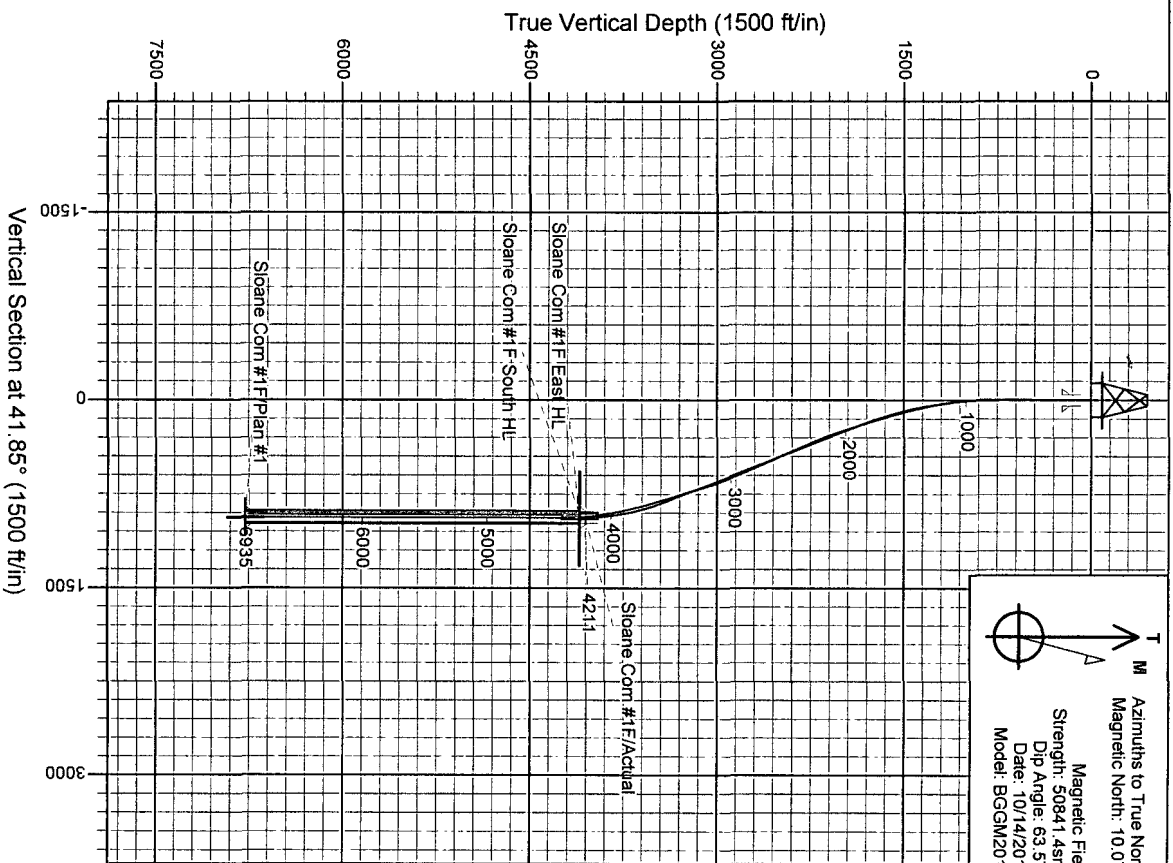
Project: SJB (NM West)
Site: SEC 34-T31N-R11W
Well: Sloane Com #1F
Wellbore: Original Hole
Design: Plan #1



+N/-S 0.0
+E/-W 0.0
Northing 2128038.62

WELL DETAILS: Sloane Com #1F
H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Ground Level: 5639.0
Easting 456452.04
Latitude 36° 50' 53.507 N
Longitude 107° 58' 55.801 W

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well Sloane Com #1F, True North
Vertical (TVD) Reference: H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: H&P 282 @ 5655.0ft (16' DF + 5639' GL)
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 34-T31N-R11W
San Juan County NM
Site Centre Latitude: 36° 50' 53.507 N
Longitude: 107° 58' 55.801 W
Positional Uncertainty: 7.5
Convergence: -0.09
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Sloane Com #1F
Project:	SJB (NM West)	TVD Reference:	H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Site:	SEC 34-T31N-R11W	MD Reference:	H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Well:	Sloane Com #1F	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	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 34-T31N-R11W		
Site Position:		Northing:	2,128,038.62 ft
From:	Lat/Long	Easting:	456,452.04 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 50' 53.507 N
		Longitude:	107° 58' 55.801 W
		Grid Convergence:	-0.09 °

Well	Sloane Com #1F, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,128,038.62 ft
	+E/-W	0.0 ft	Easting: 456,452.04 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 50' 53.507 N
		Longitude:	107° 58' 55.801 W
		Ground Level:	5,639.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/14/2010	10.07	63.57	50,841

Design	Original Hole			
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	41.94

Survey Program	Date 11/16/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
413.0	4,211.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
413.0	0.73	270.39	413.0	0.0	-2.6	-1.7	0.18	0.18	0.00
474.0	0.78	283.67	474.0	0.1	-3.4	-2.2	0.30	0.08	21.77
536.0	0.98	278.42	536.0	0.3	-4.4	-2.7	0.35	0.32	-8.47
598.0	0.89	274.37	598.0	0.4	-5.4	-3.3	0.18	-0.15	-6.53
659.0	0.88	275.82	659.0	0.5	-6.3	-3.8	0.04	-0.02	2.38
720.0	1.26	271.02	719.9	0.6	-7.4	-4.6	0.64	0.62	-7.87
814.0	0.71	343.04	813.9	1.1	-8.6	-4.9	1.32	-0.59	76.62
903.0	2.58	36.81	902.9	3.3	-7.6	-2.7	2.51	2.10	60.42
994.0	4.99	38.99	993.7	8.0	-3.9	3.3	2.65	2.65	2.40
1,084.0	7.22	39.60	1,083.2	15.4	2.2	12.9	2.48	2.48	0.68
1,174.0	9.19	44.32	1,172.3	24.9	10.8	25.7	2.31	2.19	5.24
1,264.0	11.10	46.57	1,260.8	36.0	22.1	41.6	2.17	2.12	2.50

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Sloane Com #1F
Project:	SJB (NM West)	TVD Reference:	H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Site:	SEC 34-T31N-R11W	MD Reference:	H&P 282 @ 5655.0ft (16' DF + 5639' GL)
Well:	Sloane Com #1F	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)	
1,355.0	13.51	46.25	1,349.7	49.4	36.2	60.9	2.65	2.65	-0.35	
1,445.0	14.31	48.44	1,437.1	64.0	52.1	82.4	1.06	0.89	2.43	
1,535.0	14.84	48.71	1,524.2	79.0	69.1	104.9	0.59	0.59	0.30	
1,625.0	15.95	45.67	1,611.0	95.2	86.6	128.7	1.52	1.23	-3.38	
1,715.0	16.32	42.89	1,697.4	113.1	104.0	153.7	0.95	0.41	-3.09	
1,805.0	16.69	40.66	1,783.7	132.2	121.1	179.2	0.82	0.41	-2.48	
1,895.0	17.12	36.55	1,869.8	152.7	137.4	205.4	1.41	0.48	-4.57	
1,985.0	18.11	31.63	1,955.6	175.2	152.6	232.3	1.99	1.10	-5.47	
2,075.0	19.53	30.69	2,040.8	200.1	167.6	260.8	1.61	1.58	-1.04	
2,165.0	20.66	31.28	2,125.3	226.6	183.5	291.2	1.28	1.26	0.66	
2,255.0	22.42	31.72	2,209.0	254.7	200.8	323.7	1.96	1.96	0.49	
2,345.0	25.10	32.84	2,291.4	285.4	220.2	359.4	3.02	2.98	1.24	
2,435.0	24.83	33.40	2,373.0	317.2	240.9	397.0	0.40	-0.30	0.62	
2,524.0	24.12	36.32	2,454.0	347.4	262.0	433.5	1.58	-0.80	3.28	
2,614.0	23.26	39.90	2,536.4	375.9	284.3	469.6	1.86	-0.96	3.98	
2,704.0	22.61	41.56	2,619.3	402.5	307.2	504.7	1.02	-0.72	1.84	
2,794.0	23.71	43.95	2,702.1	428.4	331.2	540.1	1.61	1.22	2.66	
2,884.0	24.25	44.48	2,784.3	454.7	356.7	576.6	0.65	0.60	0.59	
2,974.0	21.72	47.88	2,867.1	479.0	382.0	611.6	3.17	-2.81	3.78	
3,064.0	19.63	46.78	2,951.3	500.5	405.4	643.3	2.36	-2.32	-1.22	
3,154.0	18.35	46.53	3,036.4	520.6	426.7	672.5	1.43	-1.42	-0.28	
3,245.0	17.95	50.60	3,122.9	539.4	447.9	700.6	1.46	-0.44	4.47	
3,335.0	17.36	47.90	3,208.7	557.2	468.6	727.7	1.12	-0.66	-3.00	
3,425.0	18.24	49.02	3,294.4	575.4	489.2	755.0	1.05	0.98	1.24	
3,515.0	17.43	50.64	3,380.0	593.2	510.2	782.3	1.06	-0.90	1.80	
3,605.0	16.95	49.79	3,466.0	610.3	530.7	808.6	0.60	-0.53	-0.94	
3,695.0	15.83	48.32	3,552.4	626.9	549.9	833.8	1.33	-1.24	-1.63	
3,786.0	14.48	46.11	3,640.2	643.0	567.3	857.5	1.61	-1.48	-2.43	
3,876.0	11.31	47.20	3,727.9	656.8	581.9	877.5	3.53	-3.52	1.21	
3,966.0	11.23	47.98	3,816.2	668.7	594.9	895.0	0.19	-0.09	0.87	
4,056.0	9.96	51.23	3,904.6	679.4	607.5	911.4	1.56	-1.41	3.61	
4,147.0	6.07	50.69	3,994.7	687.4	617.4	923.9	4.28	-4.27	-0.59	
4,211.0	5.19	34.38	4,058.4	691.9	621.6	930.2	2.84	-1.38	-25.48	