

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised August 1, 2011
Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35353	² Pool Code 71599/72319/97232	³ Pool Name BASIN DAKOTA/BLANCO MESAVARDE/BASIN MANCOS
⁴ Property Code 39105	⁵ Property Name ELLIOTT GAS COM H	⁶ Well Number 1C
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 5788'

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	26	30-N	9-W		1445'	SOUTH	1875'	EAST	SAN JUAN

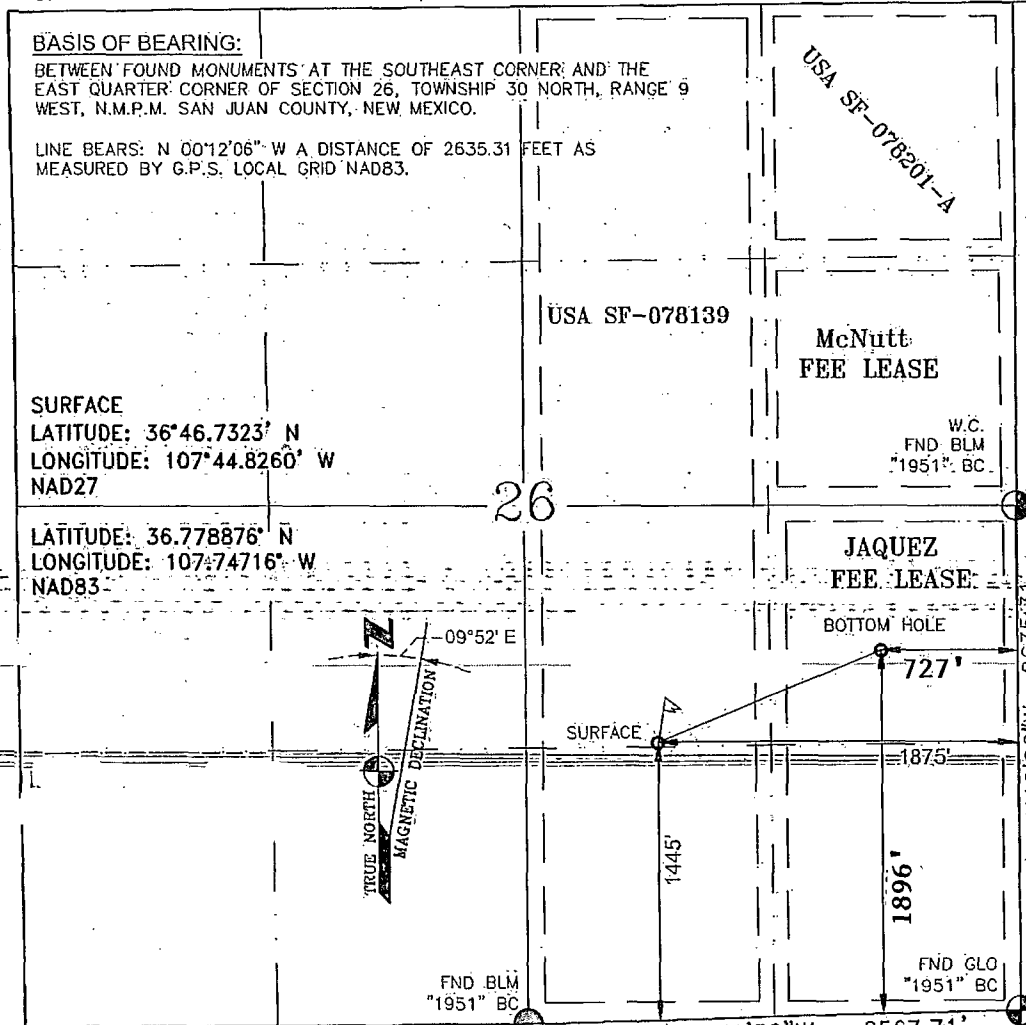
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	26	30N	9W		1896'	SOUTH	727'	EAST	SAN JUAN

¹² Dedicated Acres: DK 320.00 ACRES E/2 MV 320.00 ACRES E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD NOV 29 '12 OIL CONS. DIV. DISL 3
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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.

Marie E. Jaramillo 11/29/12
Signature Date
Marie E. Jaramillo 11/29/12
Printed Name
Staff Regulatory Tech.
E-Mail Address

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.

OCTOBER 31, 2011
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. RUSSELL
15703
Certificate Number 15703



ConocoPhillips**COP Deviation Report
ELLIOTT GAS COM H #1C****RCVD NOV 29 '12
OIL CONS. DIV.
DIST. 3**

Operator CONOCOPHILLIPS COMPANY	Legal WellName ELLIOTT GAS COM H #1C	API / UWI 3004535353	County SAN JUAN	State/Province NEW MEXICO	
Surface Legal Location 026-030N-009W-J		N/S Dist (ft) 1,445.00	N/S Ref FSL	E/W Dist (ft) 1,875.00	E/W Ref FEL
Survey Data					
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
8/16/2012	128.00	0.50	0.00	Inc-Drop	MO-TE DRILLING INC.
8/16/2012	248.00	2.00	0.00	Inc-Drop	MO-TE DRILLING INC.
8/17/2012	353.00	1.00	0.00	Inc-Drop	MO-TE DRILLING INC.
9/21/2012	390.00	1.03	49.38	IncAzi-MWD	Scientific Drilling
9/21/2012	452.00	1.36	51.36	IncAzi-MWD	Scientific Drilling
9/21/2012	513.00	2.40	62.27	IncAzi-MWD	Scientific Drilling
9/21/2012	574.00	3.62	69.16	IncAzi-MWD	Scientific Drilling
9/21/2012	636.00	5.47	71.92	IncAzi-MWD	Scientific Drilling
9/21/2012	698.00	6.23	74.92	IncAzi-MWD	Scientific Drilling
9/21/2012	759.00	8.14	76.32	IncAzi-MWD	Scientific Drilling
9/22/2012	819.00	9.68	75.30	IncAzi-MWD	Scientific Drilling
9/22/2012	881.00	10.94	72.18	IncAzi-MWD	Scientific Drilling
9/22/2012	942.00	12.92	71.69	IncAzi-MWD	Scientific Drilling
9/22/2012	1,004.00	14.26	69.96	IncAzi-MWD	Scientific Drilling
9/22/2012	1,071.00	16.51	70.03	IncAzi-MWD	Scientific Drilling
9/22/2012	1,135.00	18.28	70.41	IncAzi-MWD	Scientific Drilling
9/22/2012	1,198.00	21.16	70.63	IncAzi-MWD	Scientific Drilling
9/22/2012	1,261.00	22.57	70.52	IncAzi-MWD	Scientific Drilling
9/22/2012	1,325.00	24.01	70.62	IncAzi-MWD	Scientific Drilling
9/22/2012	1,388.00	26.07	71.53	IncAzi-MWD	Scientific Drilling
9/22/2012	1,451.00	27.49	72.12	IncAzi-MWD	Scientific Drilling
9/22/2012	1,514.00	28.76	72.08	IncAzi-MWD	Scientific Drilling
9/22/2012	1,577.00	28.71	71.65	IncAzi-MWD	Scientific Drilling
9/22/2012	1,640.00	29.73	70.66	IncAzi-MWD	Scientific Drilling
9/22/2012	1,703.00	29.90	70.66	IncAzi-MWD	Scientific Drilling
9/22/2012	1,766.00	29.63	70.13	IncAzi-MWD	Scientific Drilling
9/22/2012	1,829.00	29.61	69.57	IncAzi-MWD	Scientific Drilling
9/22/2012	1,893.00	29.86	69.84	IncAzi-MWD	Scientific Drilling
9/22/2012	1,956.00	30.27	68.32	IncAzi-MWD	Scientific Drilling
9/21/2012	2,020.00	29.33	67.72	IncAzi-MWD	Scientific Drilling
9/22/2012	2,084.00	28.88	66.80	IncAzi-MWD	Scientific Drilling
9/22/2012	2,147.00	28.62	66.61	IncAzi-MWD	Scientific Drilling
9/22/2012	2,210.00	28.67	66.09	IncAzi-MWD	Scientific Drilling
9/22/2012	2,274.00	27.94	65.41	IncAzi-MWD	Scientific Drilling
9/22/2012	2,337.00	27.64	64.49	IncAzi-MWD	Scientific Drilling
9/23/2012	2,401.00	26.17	63.63	IncAzi-MWD	Scientific Drilling

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 _____

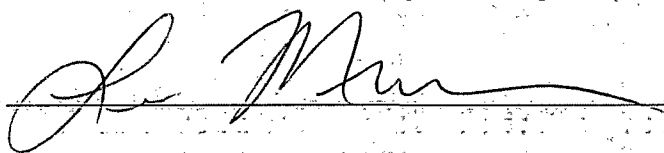
Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
9/23/2012	2,464.00	24.70	62.56	IncAzi-MWD	Scientific Drilling
9/23/2012	2,528.00	23.57	62.96	IncAzi-MWD	Scientific Drilling
9/23/2012	2,559.00	23.44	63.12	IncAzi-MWD	Scientific Drilling
9/23/2012	2,591.00	22.40	65.78	IncAzi-MWD	Scientific Drilling
9/23/2012	2,655.00	23.15	67.15	IncAzi-MWD	Scientific Drilling
9/23/2012	2,718.00	24.51	68.86	IncAzi-MWD	Scientific Drilling
9/23/2012	2,781.00	24.27	68.94	IncAzi-MWD	Scientific Drilling
9/23/2012	2,845.00	23.35	68.52	IncAzi-MWD	Scientific Drilling
9/23/2012	2,908.00	22.03	67.97	IncAzi-MWD	Scientific Drilling
9/23/2012	2,971.00	20.73	68.01	IncAzi-MWD	Scientific Drilling
9/23/2012	3,035.00	20.56	68.33	IncAzi-MWD	Scientific Drilling
9/23/2012	3,098.00	20.19	67.87	IncAzi-MWD	Scientific Drilling
9/23/2012	3,161.00	19.92	68.27	IncAzi-MWD	Scientific Drilling
9/23/2012	3,224.00	20.09	67.92	IncAzi-MWD	Scientific Drilling
9/23/2012	3,288.00	20.13	67.66	IncAzi-MWD	Scientific Drilling
9/23/2012	3,351.00	19.77	69.06	IncAzi-MWD	Scientific Drilling
9/23/2012	3,415.00	19.84	70.11	IncAzi-MWD	Scientific Drilling
9/23/2012	3,478.00	19.18	69.27	IncAzi-MWD	Scientific Drilling
9/23/2012	3,541.00	17.58	69.02	IncAzi-MWD	Scientific Drilling
9/23/2012	3,604.00	16.23	68.27	IncAzi-MWD	Scientific Drilling
9/23/2012	3,667.00	14.60	68.25	IncAzi-MWD	Scientific Drilling
9/23/2012	3,730.00	13.21	66.80	IncAzi-MWD	Scientific Drilling
9/23/2012	3,793.00	12.51	67.07	IncAzi-MWD	Scientific Drilling
9/24/2012	3,857.00	10.37	69.39	IncAzi-MWD	Scientific Drilling
9/24/2012	3,920.00	8.76	70.11	IncAzi-MWD	Scientific Drilling
9/24/2012	3,983.00	7.74	68.66	IncAzi-MWD	Scientific Drilling
9/24/2012	4,047.00	6.86	66.94	IncAzi-MWD	Scientific Drilling
9/24/2012	4,110.00	6.36	70.66	IncAzi-MWD	Scientific Drilling
9/24/2012	4,146.00	5.37	72.94	IncAzi-MWD	Scientific Drilling
10/8/2012	7,300.00	2.00		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 11/29/12

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/29/14

RCVD NOV 29 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM West)
SEC 26-T30N-R9W
Elliot Gas Com H 1C

OH

Design: OH

Standard Survey Report

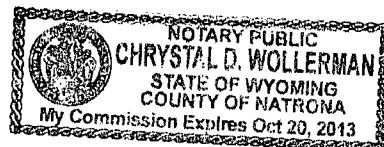
01 October, 2012

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

Notarized this date 1st of October, 2012.

Chrystal D. Wollerman

Notary Signature
County of Natrona
State of Wyoming





Project: SJB (NM West)
 Site: SEC 26-T30N-R9W
 Well: Elliot Gas Com H 1C
 Wellbore: OH
 Design: OH



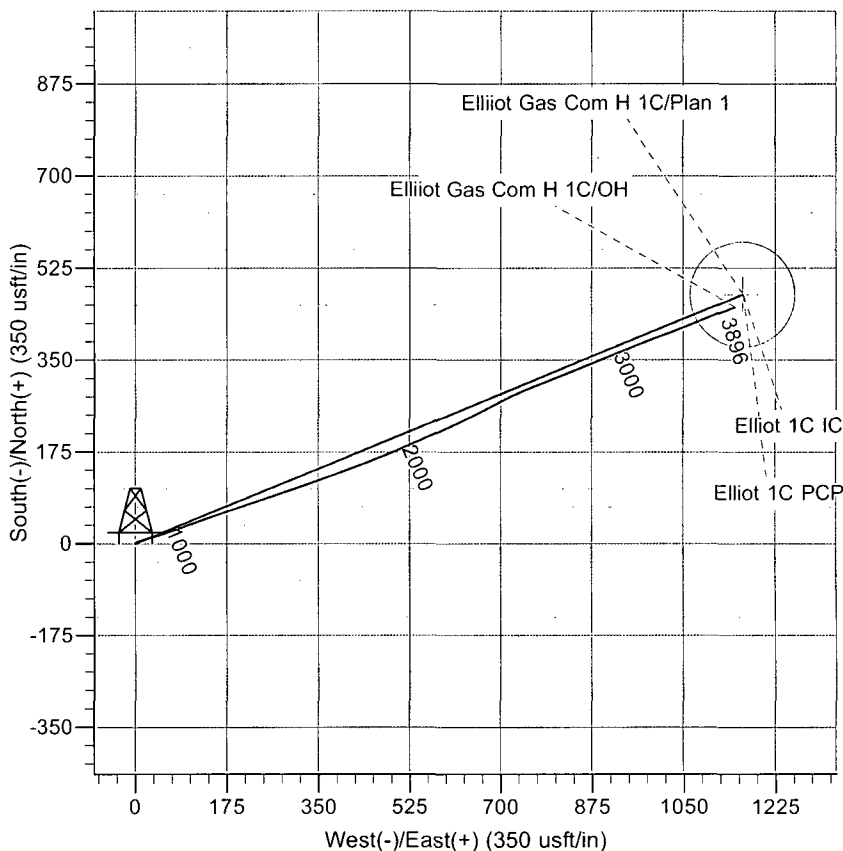
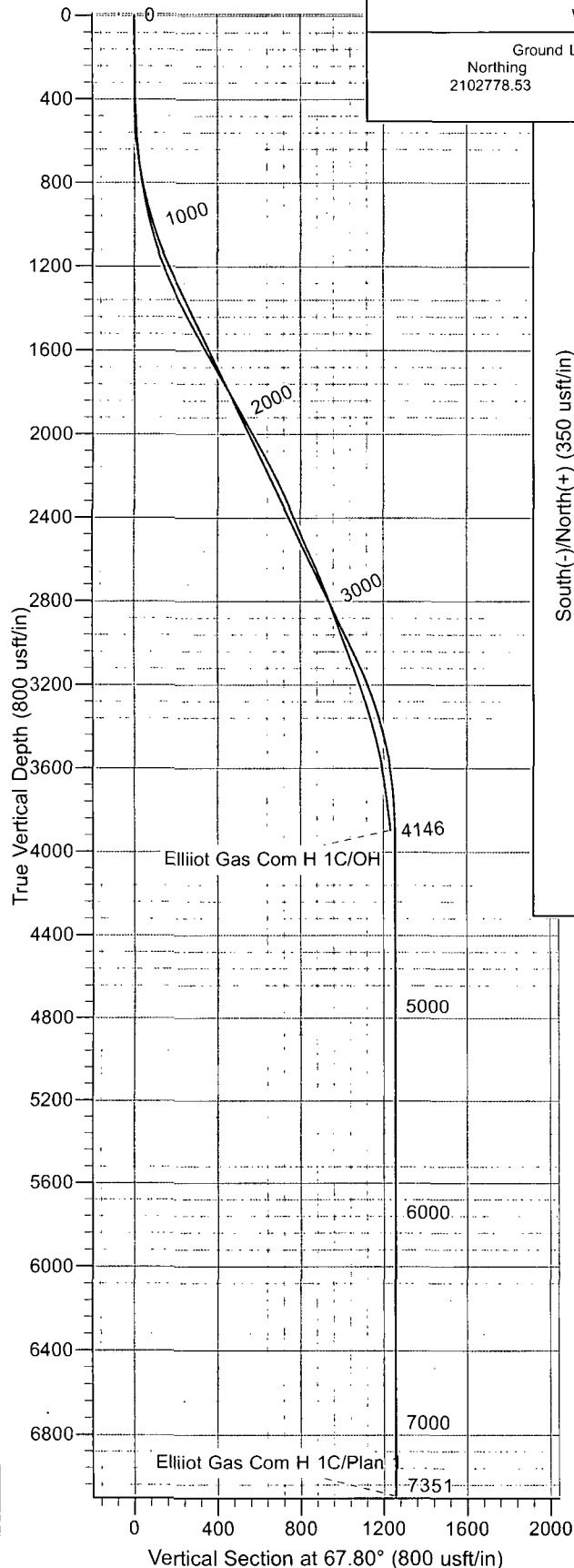
Scientific Drilling



Azimuths to True North
 Magnetic North: 9.78°
 Magnetic Field
 Strength: 50590.8nT
 Dip Angle: 63.45°
 Date: 2012/09/12
 Model: BGGM2012

WELL DETAILS: Elliot Gas Com H 1C

Ground Level: GL 5788' & KB 15' @ 5803.0usft (AWS 711)
 Northing 2102778.53 Easting 525254.18 Latitude 36° 46' 43.938 N Longitude 107° 44' 49.560 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Elliot Gas Com H 1C, True North
 Vertical (TVD) Reference: GL 5788' & KB 15' @ 5803.0usft (AWS 711)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 5788' & KB 15' @ 5803.0usft (AWS 711)
 Calculation Method: Minimum Curvature
 Local North: True

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

Scientific Drilling

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Elliot Gas Com H 1C
Project:	SJB (NM West)	TVD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Site:	SEC 26-T30N-R9W	MD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Well:	Elliot Gas Com H 1C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FarmingtonDatabase

Project:	SJB (NM West), San Juan County, 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)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	SEC 26-T30N-R9W		
Site Position:		Northing:	2,102,778.52 usft
From:	Lat/Long	Easting:	525,254.18 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 46' 43.938 N
		Longitude:	107° 44' 49.560 W
		Grid Convergence:	0.05 °

Well:	Elliot Gas Com H 1C, 1445' FSL 1875' FEL		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	36° 46' 43.938 N
		Longitude:	107° 44' 49.560 W
		Ground Level:	5,788.0 usft

Wellbore:	OH		
Magnetics	Model Name	Sample Date	Declination
	BGGM2012	2012/09/12	9.78
			Dip Angle
			63.45
			Field Strength
			50,591

Design:	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			67.80

Survey Program	Date: 2012/10/01		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
390.0	4,146.0	Survey #1 (OH)	MWD SDI
			Description
			MWD - Standard ver 1.0.1

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(usft)	(usft)	Section	Rate	Rate	Rate	
(usft)			(usft)			(usft)	(°/100usft)	(°/100usft)	(°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
390.0	1.03	49.38	390.0	2.3	2.7	3.3	0.26	0.26	0.00	
First SDI MWD Survey										
452.0	1.36	51.36	452.0	3.1	3.7	4.6	0.54	0.53	3.19	
513.0	2.40	62.27	512.9	4.2	5.4	6.5	1.80	1.70	17.89	
574.0	3.62	69.16	573.8	5.4	8.3	9.7	2.08	2.00	11.30	
636.0	5.47	71.92	635.6	7.0	12.9	14.6	3.00	2.98	4.45	
698.0	6.23	74.92	697.3	8.8	19.0	20.9	1.32	1.23	4.84	
759.0	8.14	76.32	757.8	10.7	26.4	28.5	3.14	3.13	2.30	
819.0	9.68	75.30	817.1	13.0	35.4	37.7	2.58	2.57	-1.70	
881.0	10.94	72.18	878.1	16.1	46.0	48.7	2.22	2.03	-5.03	

Scientific Drilling

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Elliot Gas Com H 1C
Project:	SJB (NM West)	TVD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Site:	SEC 26-T30N-R9W	MD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Well:	Elliot Gas Com H 1C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FarmingtonDatabase

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
942.0	12.92	71.69	937.8	20.0	58.0	61.3	3.25	3.25	-0.80
1,004.0	14.26	69.96	998.1	24.8	71.8	75.8	2.26	2.16	-2.79
1,071.0	16.51	70.03	1,062.7	30.9	88.5	93.6	3.36	3.36	0.10
1,135.0	18.28	70.41	1,123.7	37.4	106.5	112.7	2.77	2.77	0.59
1,198.0	21.16	70.63	1,183.0	44.5	126.5	133.9	4.57	4.57	0.35
1,261.0	22.57	70.52	1,241.5	52.3	148.6	157.4	2.24	2.24	-0.17
1,325.0	24.01	70.62	1,300.3	60.7	172.5	182.6	2.25	2.25	0.16
1,388.0	26.07	71.53	1,357.3	69.3	197.7	209.3	3.33	3.27	1.44
1,451.0	27.49	72.12	1,413.6	78.2	224.7	237.6	2.29	2.25	0.94
1,514.0	28.76	72.08	1,469.1	87.3	253.0	267.2	2.02	2.02	-0.06
1,577.0	28.71	71.65	1,524.4	96.7	281.7	297.4	0.34	-0.08	-0.68
1,640.0	29.73	70.80	1,579.4	106.6	310.9	328.1	1.75	1.62	-1.35
1,703.0	29.90	70.66	1,634.0	117.0	340.4	359.4	0.29	0.27	-0.22
1,766.0	29.63	70.13	1,688.7	127.5	369.9	390.6	0.60	-0.43	-0.84
1,829.0	29.61	69.57	1,743.5	138.2	399.1	421.7	0.44	-0.03	-0.89
1,893.0	29.86	68.94	1,799.1	149.4	428.8	453.5	0.63	0.39	-0.98
1,956.0	30.27	68.32	1,853.6	160.9	458.2	485.0	0.82	0.65	-0.98
2,020.0	29.33	67.72	1,909.1	172.8	487.7	516.8	1.54	-1.47	-0.94
2,084.0	28.88	66.80	1,965.0	184.9	516.4	548.0	0.99	-0.70	-1.44
2,147.0	28.62	66.61	2,020.3	196.9	544.2	578.3	0.44	-0.41	-0.30
2,210.0	28.67	66.09	2,075.6	209.0	571.9	608.5	0.40	0.08	-0.83
2,274.0	27.94	65.41	2,131.9	221.4	599.6	638.8	1.25	-1.14	-1.06
2,337.0	27.64	64.49	2,187.6	233.9	626.2	668.1	0.83	-0.48	-1.46
2,401.0	26.17	63.63	2,244.7	246.5	652.2	697.0	2.38	-2.30	-1.34
2,464.0	24.70	62.56	2,301.6	258.8	676.3	724.0	2.44	-2.33	-1.70
2,528.0	23.57	62.96	2,360.0	270.7	699.6	750.0	1.78	-1.77	0.63
2,591.0	23.44	63.12	2,388.4	276.4	710.6	762.4	0.47	-0.42	0.52
2,655.0	22.40	65.78	2,417.9	281.7	721.9	774.8	4.59	-3.25	8.31
2,718.0	23.15	67.15	2,476.9	291.6	744.6	799.6	1.44	1.17	2.14
2,781.0	24.51	68.86	2,534.6	301.1	768.2	825.0	2.42	2.16	2.71
2,845.0	24.27	68.94	2,591.9	310.5	792.5	851.0	0.38	-0.38	0.13
2,908.0	23.35	68.52	2,650.5	319.9	816.5	876.9	1.46	-1.44	-0.66
2,971.0	22.03	67.97	2,708.6	328.9	839.1	901.2	2.12	-2.10	-0.87
3,035.0	20.73	68.01	2,767.3	337.5	860.4	924.1	2.06	-2.06	0.06
3,098.0	20.56	68.33	2,827.2	345.9	881.3	946.7	0.32	-0.27	0.50
3,161.0	20.19	67.86	2,886.2	354.1	901.7	968.6	0.64	-0.59	-0.75
3,224.0	19.92	68.27	2,945.4	362.1	921.7	990.2	0.48	-0.43	0.65
3,288.0	20.09	67.92	3,004.6	370.2	941.7	1,011.8	0.33	0.27	-0.56
3,351.0	20.13	67.66	3,064.7	378.5	962.1	1,033.8	0.15	0.06	-0.41
3,415.0	19.77	69.06	3,123.9	386.4	982.1	1,055.3	0.95	-0.57	2.22
3,478.0	19.84	70.11	3,184.1	394.0	1,002.4	1,077.0	0.57	0.11	1.64
3,541.0	19.18	69.27	3,243.5	401.3	1,022.1	1,098.0	1.14	-1.05	-1.33
	17.58	69.02	3,303.3	408.4	1,040.7	1,117.8	2.54	-2.54	-0.40

Scientific Drilling

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Elliot Gas Com H 1C
Project:	SJB (NM West)	TVD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Site:	SEC 26-T30N-R9W	MD Reference:	GL 5788' & KB 15' @ 5803.0usft (AWS 711)
Well:	Elliot Gas Com H 1C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	FarmingtonDatabase

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,604.0	16.23	68.27	3,363.6	415.0	1,057.8	1,136.2	2.17	-2.14	-1.19
3,667.0	14.60	68.25	3,424.3	421.2	1,073.3	1,152.9	2.59	-2.59	-0.03
3,730.0	13.21	66.80	3,485.5	427.0	1,087.3	1,168.0	2.27	-2.21	-2.30
3,793.0	12.51	67.07	3,546.9	432.5	1,100.2	1,182.1	1.12	-1.11	0.43
3,857.0	10.37	69.39	3,609.6	437.2	1,112.0	1,194.8	3.42	-3.34	3.63
3,920.0	8.76	70.11	3,671.7	440.9	1,121.8	1,205.2	2.56	-2.56	1.14
3,983.0	7.74	68.66	3,734.1	444.0	1,130.3	1,214.3	1.65	-1.62	-2.30
4,047.0	6.86	66.94	3,797.5	447.1	1,137.8	1,222.4	1.42	-1.38	-2.69
4,110.0	6.36	70.66	3,860.1	449.7	1,144.6	1,229.6	1.04	-0.79	5.90
4,146.0	5.37	72.94	3,895.9	450.9	1,148.0	1,233.3	2.82	-2.75	6.33

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
390.0	390.0	2.3	2.7	First SDI MWD Survey
4,146.0	3,895.9	450.9	1,148.0	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____