

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-31010		*Pool Code 72319/71599/97232	*Pool Name BLANCO MESAVERDE/BASIN DAKOTA/BASINMANCOS
*Property Code 31608	*Property Name SCOTT FEDERAL		*Well Number 6 P
*GRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6720'

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
N	17	26N	6W		1260'	SOUTH	1887'	WEST	RIO ARRIBA

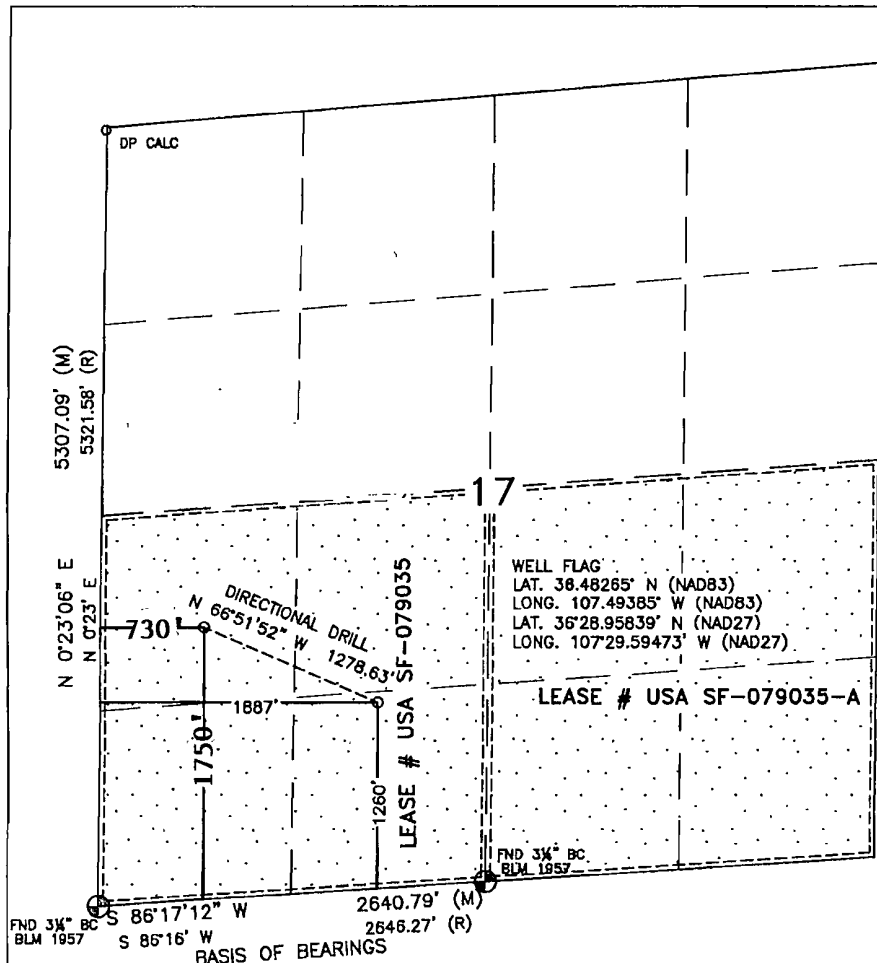
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	26N	6W		1750'	SOUTH	730'	WEST	RIO ARRIBA

¹² Dedicated Acres 320.00 ACRES - S/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 or a compulsory pooling order heretofore entered by the division.

Marie E. Jaramillo
Signature Date

Marie E. Jaramillo 10/12/12
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.

NOVEMBER 18, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

WFF A

Operator CONOCOPHILLIPS COMPANY	Legal WellName SCOTT FEDERAL #6P	API / UWI 3003931010	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 017-026N-006W-N	N/S Dist (ft) 1,260.00	N/S Ref FSL	E/W Dist (ft) 1,887.00	E/W Ref FWL

Survey Data						
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	
8/14/2012	128.00	0.75		Inc-Drop	Mo Te Drilling Inc	
8/14/2012	248.00	1.00		Inc-Drop	Mo Te Drilling Inc	
8/14/2012	352.00	0.75		Inc-Drop	Mo Te Drilling Inc	
8/29/2012	419.00	0.32	285.69	IncAzi-MWD	Scientific Drilling	
8/29/2012	450.00	0.81	294.17	IncAzi-MWD	Scientific Drilling	
8/29/2012	481.00	1.69	290.46	IncAzi-MWD	Scientific Drilling	
8/29/2012	511.00	2.39	290.75	IncAzi-MWD	Scientific Drilling	
8/29/2012	542.00	3.26	293.97	IncAzi-MWD	Scientific Drilling	
8/29/2012	572.00	3.97	298.31	IncAzi-MWD	Scientific Drilling	
8/29/2012	603.00	4.61	297.30	IncAzi-MWD	Scientific Drilling	
8/29/2012	634.00	5.29	297.90	IncAzi-MWD	Scientific Drilling	
8/29/2012	665.00	5.30	298.11	IncAzi-MWD	Scientific Drilling	
8/29/2012	695.00	5.64	294.20	IncAzi-MWD	Scientific Drilling	
8/29/2012	725.00	6.32	295.43	IncAzi-MWD	Scientific Drilling	
8/29/2012	756.00	6.85	292.44	IncAzi-MWD	Scientific Drilling	
8/29/2012	787.00	7.47	293.93	IncAzi-MWD	Scientific Drilling	
8/29/2012	817.00	8.42	291.69	IncAzi-MWD	Scientific Drilling	
8/29/2012	848.00	9.25	293.55	IncAzi-MWD	Scientific Drilling	
8/29/2012	879.00	9.54	292.49	IncAzi-MWD	Scientific Drilling	
8/29/2012	909.00	10.20	291.81	IncAzi-MWD	Scientific Drilling	
8/29/2012	940.00	10.77	292.24	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,006.00	11.65	290.79	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,070.00	12.86	290.84	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,135.00	14.18	294.16	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,200.00	15.89	295.14	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,264.00	17.27	294.52	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,329.00	18.39	294.18	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,393.00	18.65	294.83	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,457.00	18.87	293.34	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,522.00	19.50	293.70	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,586.00	19.85	294.29	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,650.00	19.38	294.23	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,715.00	19.39	293.63	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,779.00	19.12	293.53	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,844.00	19.51	292.45	IncAzi-MWD	Scientific Drilling	
8/29/2012	1,908.00	20.43	292.18	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
8/29/2012	1,973.00	20.73	293.80	IncAzi-MWD	Scientific Drilling
8/29/2012	2,037.00	20.72	292.50	IncAzi-MWD	Scientific Drilling
8/29/2012	2,102.00	20.14	292.42	IncAzi-MWD	Scientific Drilling
8/29/2012	2,166.00	20.61	292.32	IncAzi-MWD	Scientific Drilling
8/29/2012	2,231.00	21.06	294.08	IncAzi-MWD	Scientific Drilling
8/29/2012	2,295.00	20.78	293.02	IncAzi-MWD	Scientific Drilling
8/29/2012	2,360.00	21.32	293.08	IncAzi-MWD	Scientific Drilling
8/30/2012	2,424.00	22.09	292.77	IncAzi-MWD	Scientific Drilling
8/30/2012	2,488.00	22.60	292.16	IncAzi-MWD	Scientific Drilling
8/30/2012	2,553.00	22.81	291.42	IncAzi-MWD	Scientific Drilling
8/30/2012	2,618.00	19.92	291.30	IncAzi-MWD	Scientific Drilling
8/30/2012	2,682.00	19.23	289.71	IncAzi-MWD	Scientific Drilling
8/30/2012	2,714.00	19.19	291.85	IncAzi-MWD	Scientific Drilling
8/30/2012	2,745.00	19.39	291.26	IncAzi-MWD	Scientific Drilling
8/30/2012	2,777.00	19.39	291.85	IncAzi-MWD	Scientific Drilling
8/30/2012	2,810.00	18.62	291.26	IncAzi-MWD	Scientific Drilling
8/30/2012	2,875.00	18.42	291.92	IncAzi-MWD	Scientific Drilling
8/30/2012	2,907.00	19.07	292.98	IncAzi-MWD	Scientific Drilling
8/30/2012	2,939.00	19.58	293.69	IncAzi-MWD	Scientific Drilling
8/30/2012	2,972.00	19.78	293.47	IncAzi-MWD	Scientific Drilling
8/30/2012	3,004.00	19.46	293.43	IncAzi-MWD	Scientific Drilling
8/30/2012	3,069.00	18.12	290.73	IncAzi-MWD	Scientific Drilling
8/30/2012	3,133.00	17.67	287.69	IncAzi-MWD	Scientific Drilling
8/30/2012	3,198.00	17.64	286.80	IncAzi-MWD	Scientific Drilling
8/30/2012	3,262.00	16.59	284.92	IncAzi-MWD	Scientific Drilling
8/30/2012	3,326.00	15.88	285.25	IncAzi-MWD	Scientific Drilling
8/30/2012	3,391.00	14.85	284.02	IncAzi-MWD	Scientific Drilling
8/30/2012	3,455.00	14.77	284.64	IncAzi-MWD	Scientific Drilling
8/30/2012	3,520.00	14.36	285.64	IncAzi-MWD	Scientific Drilling
8/30/2012	3,584.00	14.16	285.75	IncAzi-MWD	Scientific Drilling
8/30/2012	3,649.00	15.06	290.14	IncAzi-MWD	Scientific Drilling
8/30/2012	3,681.00	15.23	291.30	IncAzi-MWD	Scientific Drilling
8/30/2012	3,713.00	14.81	291.83	IncAzi-MWD	Scientific Drilling
8/30/2012	3,778.00	16.00	294.95	IncAzi-MWD	Scientific Drilling
8/30/2012	3,810.00	17.03	298.67	IncAzi-MWD	Scientific Drilling
8/30/2012	3,842.00	17.00	299.48	IncAzi-MWD	Scientific Drilling
8/30/2012	3,907.00	16.34	298.76	IncAzi-MWD	Scientific Drilling
8/31/2012	3,971.00	17.40	298.50	IncAzi-MWD	Scientific Drilling
8/31/2012	4,003.00	17.44	298.02	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
8/31/2012	4,036.00	16 68	297 33	IncAzi-MWD	Scientific Drilling
8/31/2012	4,100.00	17.06	297.75	IncAzi-MWD	Scientific Drilling
8/31/2012	4,165.00	17.88	296 43	IncAzi-MWD	Scientific Drilling
8/31/2012	4,229.00	18 40	293.90	IncAzi-MWD	Scientific Drilling
8/31/2012	4,294.00	19.46	294.75	IncAzi-MWD	Scientific Drilling
8/31/2012	4,358.00	19.04	295.40	IncAzi-MWD	Scientific Drilling
8/31/2012	4,422.00	18.13	294.54	IncAzi-MWD	Scientific Drilling
8/31/2012	4,487.00	17 34	293.76	IncAzi-MWD	Scientific Drilling
8/31/2012	4,551.00	16 88	293.60	IncAzi-MWD	Scientific Drilling
8/31/2012	4,616.00	16 30	295.35	IncAzi-MWD	Scientific Drilling
8/31/2012	4,680.00	13.62	297.17	IncAzi-MWD	Scientific Drilling
8/31/2012	4,745.00	11.49	298.40	IncAzi-MWD	Scientific Drilling
8/31/2012	4,809.00	9.72	300.86	IncAzi-MWD	Scientific Drilling
8/31/2012	4,874.00	8.14	301 30	IncAzi-MWD	Scientific Drilling
8/31/2012	4,938.00	5.80	296.61	IncAzi-MWD	Scientific Drilling
8/31/2012	5,003.00	4.35	289.58	IncAzi-MWD	Scientific Drilling
8/31/2012	5,044.00	3.41	289.42	IncAzi-MWD	Scientific Drilling
8/31/2012	5,101.00	2.10	289.42	Projection	Scientific Drilling
9/2/2012	5,350.00	0.50		Inc-MWD	Aztec Well Servicing Co Inc
9/2/2012	5,600.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
9/3/2012	5,850.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
9/3/2012	6,350.00	1.00		Inc-MWD	Aztec Well Servicing Co Inc
9/4/2012	6,850.00	0.50		Inc-MWD	Aztec Well Servicing Co Inc
9/4/2012	7,350.00	0.50		Inc-MWD	Aztec Well Servicing Co Inc
9/5/2012	7,777.00	0 50		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.

BEJ DEMA

Subscribed and sworn to me this 10/12/12

Maria S. Jaramilla

Notary Public in and for San Juan County, New Mexico

My Commission expires 9/29/14



ConocoPhillips

SJB (NM Central)
SEC 17-T26N-R6W
Scott Federal 6P

OH

API # 3003531010

Design: OH

Standard Survey Report

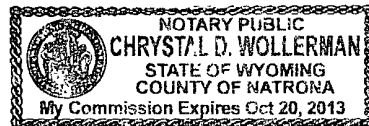
10 September, 2012

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

Notarized this date 10th of September, 2012.

Chrystal D. Wollerman

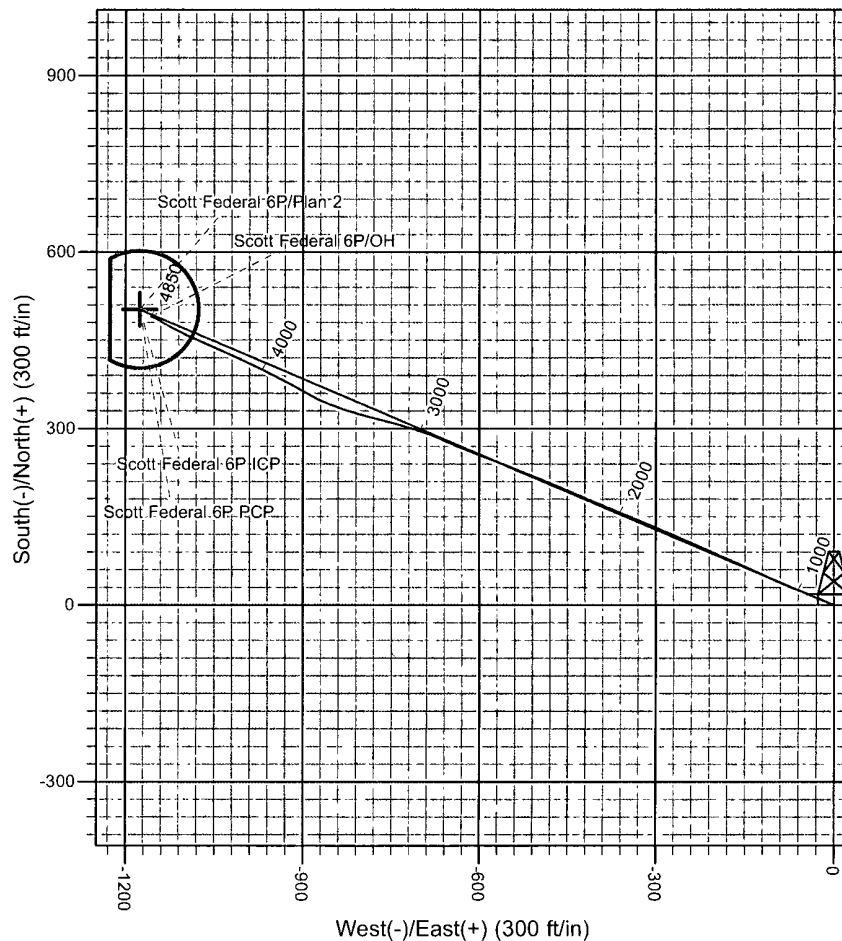
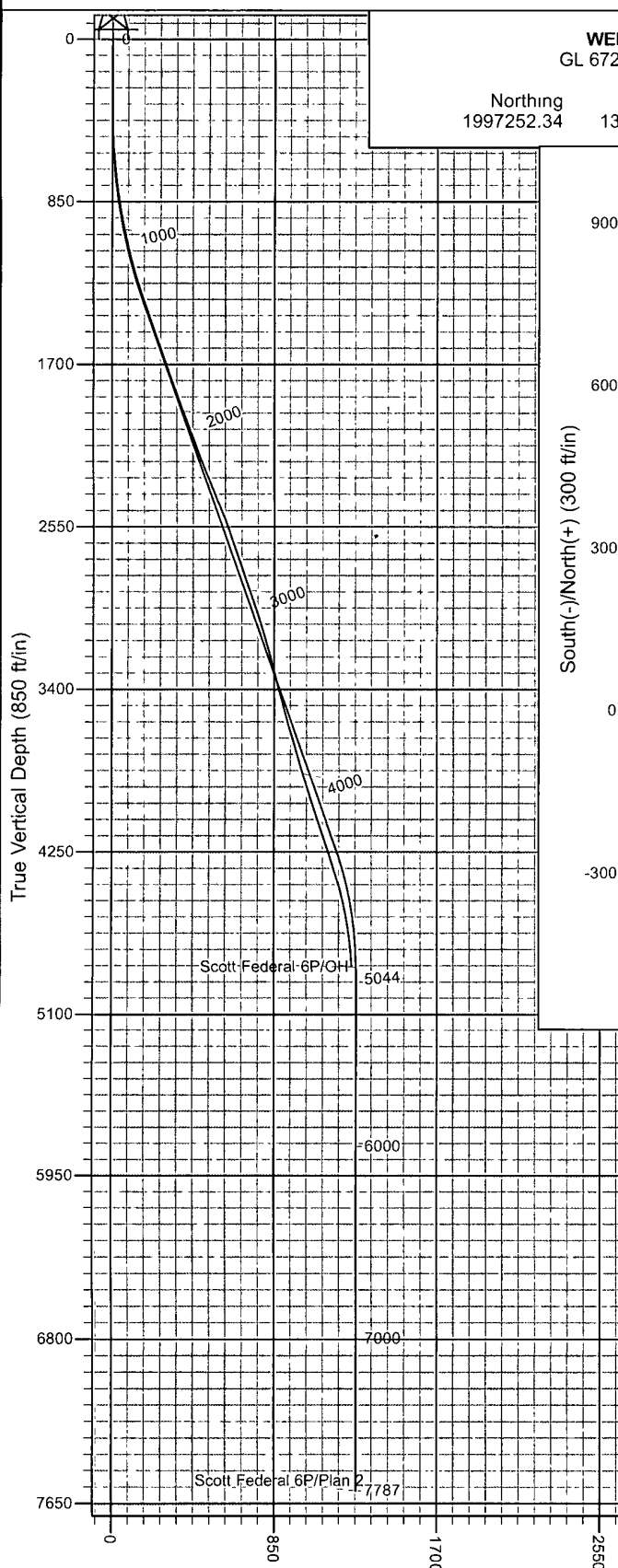
Notary Signature
County of Natrona
State of Wyoming



Scientific Drilling

WELL DETAILS: Scott Federal 6P
GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Ground Level: 6720.0

Northing	Easting	Latitude	Longitude
1997252.34	134506.24	36° 28' 57.503 N	107° 29' 35.684 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Scott Federal 6P, True North
Vertical (TVD) Reference: GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Calculation Method: Minimum Curvature

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

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Scott Federal 6P
Project:	SJB (NM Central)	TVD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Site:	SEC 17-T26N-R6W	MD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Well:	Scott Federal 6P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003 21 Single User Db

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 17-T26N-R6W		
Site Position:		Northing:	1,997,564.12 ft
From:	Lat/Long	Easting:	135,891.94 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 29' 0.762 N
		Longitude:	107° 29' 18.768 W
		Grid Convergence:	-0.74 °

Well	Scott Federal 6P, 1260' FSL 1887' FWL		
Well Position	+N/-S	0.0 ft	Northing: 1,997,252.34 ft
	+E/-W	0.0 ft	Easting: 134,506.24 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 28' 57.503 N
		Longitude:	107° 29' 35.684 W
		Ground Level:	6,720.0 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	BGGM2012	2012/08/23	(°)	(°)	(nT)
			9.65	63.25	50,455

Design	OH			
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	293.13

Survey Program	Date	2012/09/10		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
419.0	5,044.0	Survey #1 (OH)	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	
419.0	0.32	285.69	419.0	0.3	-1.1	1.2	0.08	0.08	0.00	
First SDI MWD Survey										
450.0	0.81	294.17	450.0	0.4	-1.4	1.5	1.60	1.58	27.35	
481.0	1.69	290.46	481.0	0.7	-2.0	2.1	2.85	2.84	-11.97	
511.0	2.39	290.75	511.0	1.1	-3.0	3.2	2.33	2.33	0.97	
542.0	3.26	293.97	541.9	1.6	-4.4	4.7	2.85	2.81	10.39	
572.0	3.97	298.31	571.9	2.5	-6.1	6.6	2.53	2.37	14.47	
603.0	4.61	297.30	602.8	3.6	-8.2	8.9	2.08	2.06	-3.26	
634.0	5.29	297.90	633.7	4.8	-10.6	11.6	2.20	2.19	1.94	
665.0	5.30	298.11	664.5	6.1	-13.1	14.5	0.07	0.03	0.68	
695.0	5.64	294.20	694.4	7.4	-15.7	17.3	1.68	1.13	-13.03	
725.0	6.32	295.43	724.2	8.7	-18.5	20.4	2.31	2.27	4.10	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Scott Federal 6P
Project:	SJB (NM Central)	TVD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Site:	SEC 17-T26N-R6W	MD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Well:	Scott Federal 6P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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)
756.0	6.85	292.44	755.0	10.2	-21.7	24.0	2.04	1.71	-9.65
787.0	7.47	293.93	785.8	11.7	-25.3	27.8	2.09	2.00	4.81
817.0	8.42	291.69	815.5	13.3	-29.1	32.0	3.33	3.17	-7.47
848.0	9.25	293.55	846.1	15.1	-33.5	36.8	2.83	2.68	6.00
879.0	9.54	292.49	876.7	17.1	-38.2	41.8	1.09	0.94	-3.42
909.0	10.20	291.81	906.3	19.0	-42.9	47.0	2.23	2.20	-2.27
940.0	10.77	292.24	936.8	21.1	-48.2	52.6	1.86	1.84	1.39
1,006.0	11.65	290.79	1,001.5	25.8	-60.1	65.4	1.40	1.33	-2.20
1,070.0	12.86	290.84	1,064.0	30.7	-72.8	79.0	1.89	1.89	0.08
1,135.0	14.18	294.16	1,127.2	36.5	-86.8	94.2	2.36	2.03	5.11
1,200.0	15.89	295.14	1,190.0	43.5	-102.1	111.0	2.66	2.63	1.51
1,264.0	17.27	294.52	1,251.3	51.2	-118.7	129.3	2.17	2.16	-0.97
1,329.0	18.39	294.18	1,313.2	59.4	-136.8	149.2	1.73	1.72	-0.52
1,393.0	18.65	294.83	1,373.9	67.8	-155.3	169.5	0.52	0.41	1.02
1,457.0	18.87	293.34	1,434.5	76.2	-174.1	190.1	0.82	0.34	-2.33
1,522.0	19.50	293.70	1,495.9	84.8	-193.7	211.4	0.99	0.97	0.55
1,586.0	19.85	294.29	1,556.2	93.5	-213.4	233.0	0.63	0.55	0.92
1,650.0	19.38	294.23	1,616.4	102.4	-233.0	254.5	0.74	-0.73	-0.09
1,715.0	19.39	293.63	1,677.8	111.1	-252.7	276.0	0.31	0.02	-0.92
1,779.0	19.12	293.53	1,738.2	119.6	-272.1	297.1	0.43	-0.42	-0.16
1,844.0	19.51	292.45	1,799.5	127.9	-291.8	318.6	0.81	0.60	-1.66
1,908.0	20.43	292.18	1,859.7	136.2	-312.1	340.5	1.44	1.44	-0.42
1,973.0	20.73	293.80	1,920.5	145.2	-333.1	363.3	0.99	0.46	2.49
2,037.0	20.72	292.50	1,980.4	154.1	-353.9	386.0	0.72	-0.02	-2.03
2,102.0	20.14	292.42	2,041.3	162.7	-374.9	408.7	0.89	-0.89	-0.12
2,166.0	20.61	292.32	2,101.3	171.2	-395.5	431.0	0.74	0.73	-0.16
2,231.0	21.06	294.08	2,162.0	180.3	-416.7	454.1	1.19	0.69	2.71
2,295.0	20.78	293.02	2,221.8	189.5	-437.7	476.9	0.74	-0.44	-1.66
2,360.0	21.32	293.08	2,282.5	198.6	-459.2	500.3	0.83	0.83	0.09
2,424.0	22.09	292.77	2,341.9	207.8	-481.0	523.9	1.22	1.20	-0.48
2,488.0	22.60	292.16	2,401.1	217.1	-503.5	548.3	0.88	0.80	-0.95
2,553.0	22.81	291.42	2,461.1	226.4	-526.8	573.4	0.55	0.32	-1.14
2,618.0	19.92	291.30	2,521.6	235.1	-548.8	597.0	4.45	-4.45	-0.18
2,682.0	19.23	289.71	2,581.9	242.6	-568.9	618.4	1.36	-1.08	-2.48
2,714.0	19.19	291.85	2,612.2	246.3	-578.7	629.0	2.20	-0.13	6.69
2,745.0	19.39	291.26	2,641.4	250.1	-588.3	639.2	0.90	0.65	-1.90
2,777.0	19.39	291.85	2,671.6	254.0	-598.1	649.8	0.61	0.00	1.84
2,810.0	18.62	291.26	2,702.8	257.9	-608.1	660.6	2.40	-2.33	-1.79
2,875.0	18.42	291.92	2,764.4	265.5	-627.3	681.2	0.45	-0.31	1.02
2,907.0	19.07	292.98	2,794.7	269.4	-636.8	691.5	2.29	2.03	3.31
2,939.0	19.58	293.69	2,824.9	273.6	-646.5	702.1	1.75	1.59	2.22
2,972.0	19.78	293.47	2,856.0	278.1	-656.7	713.2	0.65	0.61	-0.67
3,004.0	19.46	293.43	2,886.1	282.4	-666.6	723.9	1.00	-1.00	-0.13
3,069.0	18.12	290.73	2,947.7	290.2	-686.0	744.9	2.46	-2.06	-4.15
3,133.0	17.67	287.69	3,008.6	296.7	-704.5	764.5	1.62	-0.70	-4.75
3,198.0	17.64	286.80	3,070.5	302.6	-723.4	784.1	0.42	-0.05	-1.37
3,262.0	16.59	284.92	3,131.7	307.7	-741.5	802.8	1.85	-1.64	-2.94
3,326.0	15.88	285.25	3,193.1	312.4	-758.8	820.5	1.12	-1.11	0.52
3,391.0	14.85	284.02	3,255.8	316.7	-775.4	837.5	1.66	-1.58	-1.89
3,455.0	14.77	284.64	3,317.7	320.8	-791.3	853.7	0.28	-0.13	0.97
3,520.0	14.36	285.64	3,380.6	325.1	-807.1	869.9	0.74	-0.63	1.54
3,584.0	14.16	285.75	3,442.6	329.3	-822.2	885.5	0.32	-0.31	0.17
3,649.0	15.06	290.14	3,505.5	334.4	-837.8	901.8	2.19	1.38	6.75
3,681.0	15.23	291.30	3,536.4	337.3	-845.6	910.2	1.09	0.53	3.63

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Scott Federal 6P
Project:	SJB (NM Central)	TVD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Site:	SEC 17-T26N-R6W	MD Reference:	GL 6720' & KB 15' @ 6735.0ft (AWS 920)
Well:	Scott Federal 6P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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)	
3,713.0	14.81	291.83	3,567.3	340.4	-853.3	918.5	1.38	-1.31	1.66	
3,778.0	16.00	294.95	3,630.0	347.3	-869.2	935.7	2.23	1.83	4.80	
3,810.0	17.03	298.67	3,660.7	351.4	-877.3	944.8	4.61	3.22	11.63	
3,842.0	17.00	299.48	3,691.3	355.9	-885.5	954.1	0.75	-0.09	2.53	
3,907.0	16.34	298.76	3,753.5	365.0	-901.8	972.6	1.06	-1.02	-1.11	
3,971.0	17.40	298.50	3,814.8	373.9	-918.1	991.1	1.66	1.66	-0.41	
4,003.0	17.44	298.02	3,845.3	378.4	-926.5	1,000.7	0.47	0.13	-1.50	
4,036.0	16.68	297.33	3,876.9	382.9	-935.1	1,010.3	2.38	-2.30	-2.09	
4,100.0	17.06	297.75	3,938.1	391.5	-951.5	1,028.8	0.62	0.59	0.66	
4,165.0	17.88	296.43	4,000.1	400.4	-968.9	1,048.3	1.40	1.26	-2.03	
4,229.0	18.40	293.90	4,060.9	408.9	-986.9	1,068.2	1.47	0.81	-3.95	
4,294.0	19.46	294.75	4,122.4	417.5	-1,006.2	1,089.3	1.69	1.63	1.31	
4,358.0	19.04	295.40	4,182.8	426.5	-1,025.3	1,110.4	0.74	-0.66	1.02	
4,422.0	18.13	294.54	4,243.5	435.1	-1,043.8	1,130.8	1.48	-1.42	-1.34	
4,487.0	17.34	293.76	4,305.4	443.2	-1,061.8	1,150.6	1.27	-1.22	-1.20	
4,551.0	16.88	293.60	4,366.6	450.8	-1,079.1	1,169.4	0.72	-0.72	-0.25	
4,616.0	16.30	295.35	4,428.9	458.4	-1,096.0	1,187.9	1.18	-0.89	2.69	
4,680.0	13.62	297.17	4,490.7	465.7	-1,110.8	1,204.4	4.25	-4.19	2.84	
4,745.0	11.49	298.40	4,554.1	472.3	-1,123.3	1,218.5	3.30	-3.28	1.89	
4,809.0	9.72	300.86	4,617.0	478.1	-1,133.5	1,230.2	2.85	-2.77	3.84	
4,874.0	8.14	301.30	4,681.2	483.3	-1,142.2	1,240.2	2.43	-2.43	0.68	
4,938.0	5.80	296.61	4,744.8	487.1	-1,148.9	1,247.9	3.76	-3.66	-7.33	
5,003.0	4.35	289.58	4,809.5	489.4	-1,154.2	1,253.7	2.42	-2.23	-10.82	
5,044.0	3.41	289.42	4,850.4	490.3	-1,156.8	1,256.4	2.29	-2.29	-0.39	
Last SDI MWD Survey										

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
419.0	419.0	0.3	-1.1	First SDI MWD Survey
5,044.0	4,850.4	490.3	-1,156.8	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____