

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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate
District Office

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-45-35324	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE/BASIN DAKOTA
⁴ Property Code 24999	⁶ Property Name DAVIS A FEDERAL	⁸ Well Number 1P
⁷ GRID No. 14538	⁵ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6024

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
F	25	30 N	11 W	LOT 6	1833	NORTH	1494	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	25	30 N	11 W	LOT 6	2146'	NORTH	1888'	WEST	SAN JUAN

¹² Dedicated Acres 314.89 (W/2) MV 320.00 (W/2) DK	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.	RCVD OCT 17 '12 OIL CONS. DIV.
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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 FOUND N 88°22'56" W - 2592.72' 1969 B.L.M. BRASS CAP USA SF-079962		FOUND N 88°30'59" W 1969 B.L.M. BRASS CAP SURFACE LAT: 36.7851824° N LONG: 107.9464453° W NAD 83		FOUND N 88°30'59" W 1967 B.L.M. BRASS CAP	
LOT 4 (39.14)	LOT 3 (39.09)	LOT 2 (39.07)	LOT 1 (39.02)		
LOT 5 (39.12)	LOT 6 (39.07)	LOT 7 (39.12)	LOT 8 (39.07)		
N 0°02'17" W - 2630.37'		N 0°02'17" W - 2630.37'		N 0°02'17" W - 2630.37'	
N 0°02'17" W - 2630.37'		N 0°02'17" W - 2630.37'		N 0°02'17" W - 2630.37'	
FOUND 1969 B.L.M. BRASS CAP		SECTION 25		FOUND 1969 B.L.M. BRASS CAP	
G.N. = GRID NORTH T.N. = TRUE NORTH CONVERGENCE AT SURFACE LOCATION		S 52°52'01" E - 484.65'		N 0°06'29" W	
LOT 11 (39.38)		LOT 10 (39.31)		LOT 9 (39.17)	
LOT 12 (39.63)		LOT 13 (39.48)		LOT 14 (39.37)	
LOT 15 (39.23)		LOT 16 (39.23)		LOT 17 (39.23)	
USA SF-080869		BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83, UNLESS OTHERWISE NOTED.		N 0°06'29" W	
D.P.P. SEC. CORNER		(CALCULATED) N 89°00'22" W - 2606.76'		FOUND 1969 B.L.M. BRASS CAP	
FOUND 1969 B.L.M. BRASS CAP		N 88°58'41" W 2605.98'		FOUND 1967 B.L.M. BRASS CAP	

○ = SURFACE LOCATION
● = BOTTOM HOLE LOCATION

AV WFH

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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date
Marie E. Jaramillo 10/17/12
Printed Name
Staff Regulatory Tech.
E-mail Address

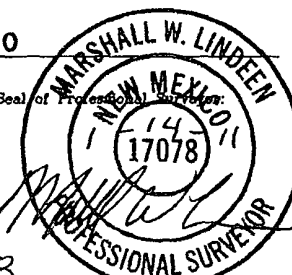
¹⁸ SURVEYOR CERTIFICATION

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.

12/28/10

Date of Survey

Signature and Seal of Professional Surveyor



17078
Certificate Number

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName DAVIS A FEDERAL #1P	API / UWI 3004535324	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 025-030N-011W-F	N/S Dist (ft) 1,833.00	N/S Ref FNL	E/W Dist (ft) 1,494.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
8/10/2012	130.00	1.00		Inc-WL	Mo Te Drilling Inc
8/10/2012	235.00	0.75		Inc-WL	Mo Te Drilling Inc
8/18/2012	267.00	0.89	77.26	IncAzi-MWD	Scientific Drilling
8/18/2012	329.00	1.26	95.12	IncAzi-MWD	Scientific Drilling
8/18/2012	391.00	2.32	105.79	IncAzi-MWD	Scientific Drilling
8/18/2012	453.00	3.63	99.98	IncAzi-MWD	Scientific Drilling
8/18/2012	514.00	4.75	111.40	IncAzi-MWD	Scientific Drilling
8/18/2012	576.00	5.05	125.74	IncAzi-MWD	Scientific Drilling
8/18/2012	637.00	6.81	123.55	IncAzi-MWD	Scientific Drilling
8/18/2012	698.00	7.49	129.14	IncAzi-MWD	Scientific Drilling
8/18/2012	759.00	8.45	132.67	IncAzi-MWD	Scientific Drilling
8/18/2012	821.00	9.35	133.32	IncAzi-MWD	Scientific Drilling
8/18/2012	884.00	10.54	133.24	IncAzi-MWD	Scientific Drilling
8/18/2012	948.00	11.78	128.88	IncAzi-MWD	Scientific Drilling
8/18/2012	1,011.00	13.03	129.82	IncAzi-MWD	Scientific Drilling
8/18/2012	1,074.00	14.13	129.44	IncAzi-MWD	Scientific Drilling
8/18/2012	1,137.00	14.77	128.93	IncAzi-MWD	Scientific Drilling
8/18/2012	1,200.00	16.62	128.62	IncAzi-MWD	Scientific Drilling
8/18/2012	1,263.00	17.28	130.03	IncAzi-MWD	Scientific Drilling
8/18/2012	1,326.00	18.56	129.66	IncAzi-MWD	Scientific Drilling
8/18/2012	1,390.00	20.02	128.64	IncAzi-MWD	Scientific Drilling
8/18/2012	1,453.00	21.41	128.61	IncAzi-MWD	Scientific Drilling
8/18/2012	1,516.00	21.81	127.92	IncAzi-MWD	Scientific Drilling
8/18/2012	1,579.00	22.60	128.68	IncAzi-MWD	Scientific Drilling
8/18/2012	1,642.00	23.12	127.99	IncAzi-MWD	Scientific Drilling
8/18/2012	1,705.00	22.81	127.36	IncAzi-MWD	Scientific Drilling
8/18/2012	1,769.00	21.75	127.04	IncAzi-MWD	Scientific Drilling
8/18/2012	1,832.00	19.54	124.87	IncAzi-MWD	Scientific Drilling
8/19/2012	1,895.00	18.56	124.23	IncAzi-MWD	Scientific Drilling
8/19/2012	1,959.00	16.94	123.70	IncAzi-MWD	Scientific Drilling
8/19/2012	2,021.00	14.65	124.57	IncAzi-MWD	Scientific Drilling
8/19/2012	2,084.00	14.25	123.26	IncAzi-MWD	Scientific Drilling
8/19/2012	2,147.00	12.67	124.23	IncAzi-MWD	Scientific Drilling
8/19/2012	2,211.00	10.95	123.16	IncAzi-MWD	Scientific Drilling
8/19/2012	2,274.00	9.54	127.67	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
8/19/2012	2,337.00	7 58	124 82	IncAzi-MWD	Scientific Drilling
8/19/2012	2,400.00	6.41	122 58	IncAzi-MWD	Scientific Drilling
8/19/2012	2,464.00	4.51	133 87	IncAzi-MWD	Scientific Drilling
8/19/2012	2,527.00	3 59	142.92	IncAzi-MWD	Scientific Drilling
8/19/2012	2,591.00	2 19	144.41	IncAzi-MWD	Scientific Drilling
8/19/2012	2,654.00	1 40	109.91	IncAzi-MWD	Scientific Drilling
8/19/2012	2,717.00	1.10	118.02	IncAzi-MWD	Scientific Drilling
8/19/2012	2,780.00	0 76	108 25	IncAzi-MWD	Scientific Drilling
8/19/2012	2,843.00	1.02	120 18	IncAzi-MWD	Scientific Drilling
8/19/2012	2,906.00	0.60	147.00	IncAzi-MWD	Scientific Drilling
8/19/2012	2,969.00	0 43	131 21	IncAzi-MWD	Scientific Drilling
8/19/2012	3,031.00	0.41	168 56	IncAzi-MWD	Scientific Drilling
8/19/2012	3,095.00	0.27	102 68	IncAzi-MWD	Scientific Drilling
8/19/2012	3,158.00	0.71	172.03	IncAzi-MWD	Scientific Drilling
8/19/2012	3,221.00	0.71	165.17	IncAzi-MWD	Scientific Drilling
8/19/2012	3,285.00	0.54	157.60	IncAzi-MWD	Scientific Drilling
8/19/2012	3,348.00	0.61	182.17	IncAzi-MWD	Scientific Drilling
8/19/2012	3,412.00	0.50	174.19	IncAzi-MWD	Scientific Drilling
8/19/2012	3,474.00	0.24	223.50	IncAzi-MWD	Scientific Drilling
8/19/2012	3,537.00	0.58	257 63	IncAzi-MWD	Scientific Drilling
8/19/2012	3,600.00	0.77	240 99	IncAzi-MWD	Scientific Drilling
8/19/2012	3,663.00	0.57	206 46	IncAzi-MWD	Scientific Drilling
8/19/2012	3,726.00	0.74	245.27	IncAzi-MWD	Scientific Drilling
8/19/2012	3,789.00	0.67	254.27	IncAzi-MWD	Scientific Drilling
8/19/2012	3,853.00	0.88	241.99	IncAzi-MWD	Scientific Drilling
8/19/2012	3,916.00	0 98	227.46	IncAzi-MWD	Scientific Drilling
8/19/2012	3,979.00	0.95	226.64	IncAzi-MWD	Scientific Drilling
8/19/2012	4,043.00	0.92	216 37	IncAzi-MWD	Scientific Drilling
8/19/2012	4,106.00	0 81	247 60	IncAzi-MWD	Scientific Drilling
8/19/2012	4,169.00	0 82	254 62	IncAzi-MWD	Scientific Drilling
8/19/2012	4,232.00	0 55	261 77	IncAzi-MWD	Scientific Drilling
8/19/2012	4,359.00	1 13	230 17	IncAzi-MWD	Scientific Drilling
8/20/2012	4,419.00	1 07	226.81	IncAzi-MWD	Scientific Drilling
8/20/2012	4,473.00	1 02	223.79	Projection	Scientific Drilling
8/29/2012	7,174.00	0.00		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.

Carla Gray 10/17/12

Subscribed and sworn to me this

10/17/12

Notary Public in and for San Juan County, New Mexico

My Commission expires





RCVD OCT 17 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM West)
SEC 25-T30N-R11W
Davis A Federal 1P

OH

API # 3004535324

Design: OH

Standard Survey Report

24 August, 2012

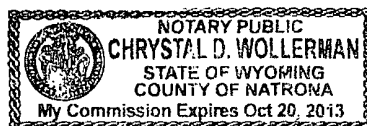
This survey is correct to the best of my knowledge and is supported by actual field data.

Cara B. Davis

Notarized this date 24th of August, 2012.

Chrystal D. Wollerman

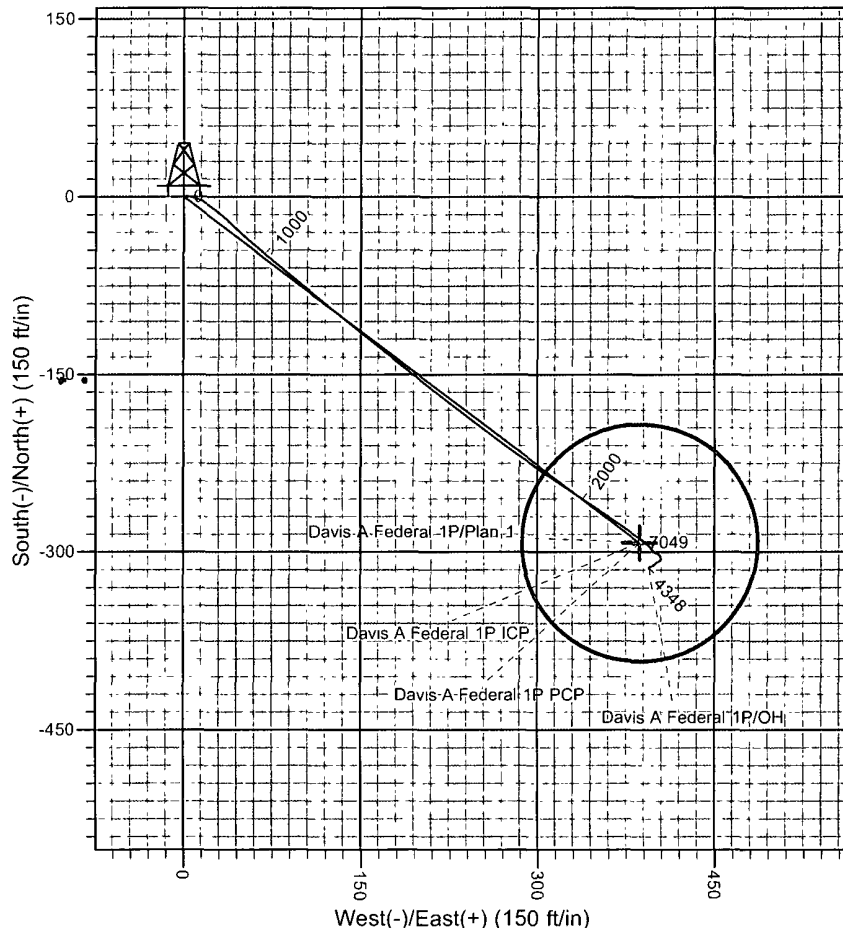
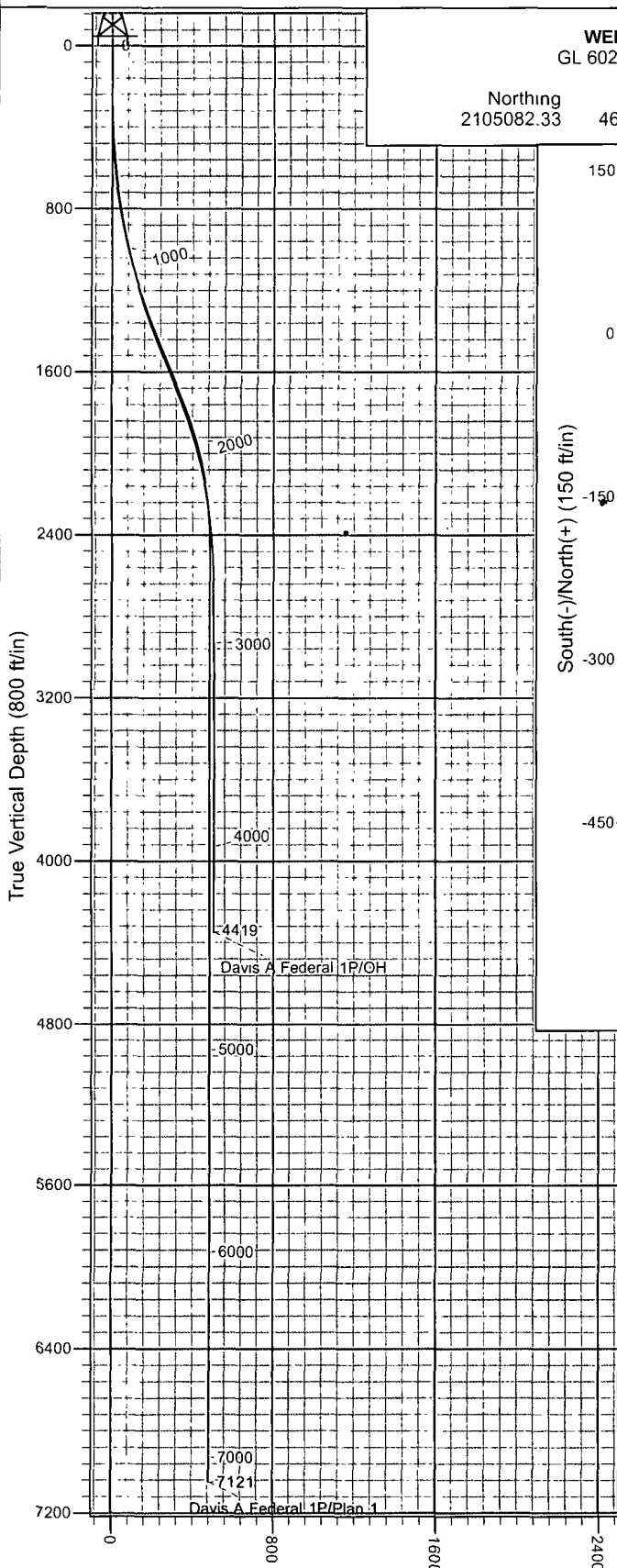
Notary Signature
County of Natrona
State of Wyoming



Scientific Drilling

WELL DETAILS: Davis A Federal 1P
GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Ground Level: 6024.0

Northing	Easting	Latitude	Longitude
2105082.33	467058.94	36° 47' 6.641 N	107° 56' 44.965 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Davis A Federal 1P, True North
Vertical (TVD) Reference: GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Calculation Method: Minimum Curvature

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

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Davis A Federal 1P
Project:	SJB (NM West)	TVD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Site:	SEC 25-T30N-R11W	MD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Well:	Davis A Federal 1P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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 25-T30N-R11W		
Site Position:		Northing:	2,105,082.33 ft
From:	Lat/Long	Easting:	467,058.94 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 47' 6.641 N
		Longitude:	107° 56' 44.965 W
		Grid Convergence:	-0.07 °

Well	Davis A Federal 1P, 1833' FNL 1494' FWL		
Well Position	+N/-S	0.0 ft	Northing: 2,105,082.33 ft
	+E/-W	0.0 ft	Easting: 467,058.94 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 47' 6.641 N
		Longitude:	107° 56' 44.965 W
		Ground Level:	6,024.0 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	2012/08/16	9.87	63.42	50,575

Design	OH				
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	127.07	

Survey Program	Date 2012/08/24			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
267.0	4,419.0	Survey #1 (OH)	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	
267.0	0.89	77.26	267.0	0.5	2.0	1.3	0.33	0.33	0.00	
First SDI MWD Survey										
329.0	1.26	95.12	329.0	0.5	3.2	2.2	0.80	0.60	28.81	
391.0	2.32	105.79	390.9	0.1	5.1	4.0	1.78	1.71	17.21	
453.0	3.63	99.98	452.9	-0.6	8.2	6.9	2.17	2.11	-9.37	
514.0	4.75	111.40	513.7	-1.8	12.5	11.0	2.28	1.84	18.72	
576.0	5.05	125.74	575.5	-4.4	17.1	16.2	2.03	0.48	23.13	
637.0	6.81	123.55	636.1	-7.9	22.3	22.5	2.91	2.89	-3.59	
698.0	7.49	129.14	696.7	-12.4	28.3	30.1	1.59	1.11	9.16	
759.0	8.45	132.67	757.1	-18.0	34.7	38.6	1.77	1.57	5.79	
821.0	9.35	133.32	818.3	-24.5	41.7	48.1	1.46	1.45	1.05	
884.0	10.54	133.24	880.4	-32.0	49.7	58.9	1.89	1.89	-0.13	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Davis A Federal 1P
Project:	SJB (NM West)	TVD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Site:	SEC 25-T30N-R11W	MD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Well:	Davis A Federal 1P	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)
948.0	11.78	128.88	943.2	-40.1	59.0	71.3	2.34	1.94	-6.81
1,011.0	13.03	129.82	1,004.7	-48.7	69.5	84.8	2.01	1.98	1.49
1,074.0	14.13	129.44	1,065.9	-58.1	80.9	99.6	1.75	1.75	-0.60
1,137.0	14.77	128.93	1,127.0	-68.1	93.1	115.3	1.04	1.02	-0.81
1,200.0	16.62	128.62	1,187.6	-78.7	106.3	132.3	2.94	2.94	-0.49
1,263.0	17.28	130.03	1,247.9	-90.4	120.5	150.7	1.23	1.05	2.24
1,326.0	18.56	129.66	1,307.8	-102.8	135.4	170.0	2.04	2.03	-0.59
1,390.0	20.02	128.64	1,368.2	-116.1	151.8	191.1	2.34	2.28	-1.59
1,453.0	21.41	128.61	1,427.1	-130.0	169.2	213.4	2.21	2.21	-0.05
1,516.0	21.81	127.92	1,485.7	-144.4	187.5	236.6	0.75	0.63	-1.10
1,579.0	22.60	128.68	1,544.0	-159.2	206.1	260.4	1.33	1.25	1.21
1,642.0	23.12	127.99	1,602.1	-174.3	225.3	284.9	0.93	0.83	-1.10
1,705.0	22.81	127.36	1,660.1	-189.4	244.8	309.5	0.63	-0.49	-1.00
1,769.0	21.75	127.04	1,719.3	-204.0	264.1	333.7	1.67	-1.66	-0.50
1,832.0	19.54	124.87	1,778.3	-217.1	282.1	355.9	3.71	-3.51	-3.44
1,895.0	18.56	124.23	1,837.8	-228.8	299.0	376.5	1.59	-1.56	-1.02
1,959.0	16.94	123.70	1,898.8	-239.7	315.2	396.0	2.54	-2.53	-0.83
2,021.0	14.65	124.57	1,958.4	-249.1	329.2	412.8	3.71	-3.69	1.40
2,084.0	14.25	123.26	2,019.4	-257.9	342.2	428.5	0.82	-0.63	-2.08
2,147.0	12.67	124.23	2,080.7	-266.0	354.4	443.1	2.53	-2.51	1.54
2,211.0	10.95	123.16	2,143.3	-273.3	365.3	456.2	2.71	-2.69	-1.67
2,274.0	9.54	127.67	2,205.3	-279.8	374.4	467.4	2.57	-2.24	7.16
2,337.0	7.58	124.82	2,267.6	-285.3	382.0	476.8	3.18	-3.11	-4.52
2,400.0	6.41	122.58	2,330.2	-289.6	388.4	484.4	1.91	-1.86	-3.56
2,464.0	4.51	133.87	2,393.9	-293.3	393.2	490.5	3.40	-2.97	17.64
2,527.0	3.59	142.92	2,456.7	-296.6	396.2	494.9	1.77	-1.46	14.37
2,591.0	2.19	144.41	2,520.6	-299.2	398.1	498.0	2.19	-2.19	2.33
2,654.0	1.40	109.91	2,583.6	-300.4	399.5	499.8	2.07	-1.25	-54.76
2,717.0	1.10	118.02	2,646.6	-300.9	400.8	501.2	0.55	-0.48	12.87
2,780.0	0.76	108.25	2,709.6	-301.4	401.7	502.2	0.59	-0.54	-15.51
2,843.0	1.02	120.18	2,772.6	-301.8	402.6	503.1	0.50	0.41	18.94
2,906.0	0.60	147.00	2,835.6	-302.3	403.2	504.0	0.88	-0.67	42.57
2,969.0	0.43	131.21	2,898.6	-302.8	403.6	504.5	0.35	-0.27	-25.06
3,031.0	0.41	168.56	2,960.6	-303.1	403.8	504.9	0.43	-0.03	60.24
3,095.0	0.27	102.68	3,024.6	-303.4	404.0	505.2	0.61	-0.22	-102.94
3,158.0	0.71	172.03	3,087.6	-303.8	404.2	505.6	1.06	0.70	110.08
3,221.0	0.71	165.17	3,150.5	-304.6	404.4	506.2	0.13	0.00	-10.89
3,285.0	0.54	157.60	3,214.5	-305.2	404.6	506.8	0.29	-0.27	-11.83
3,348.0	0.61	182.17	3,277.5	-305.8	404.7	507.3	0.40	0.11	39.00
3,412.0	0.50	174.19	3,341.5	-306.5	404.7	507.6	0.21	-0.17	-12.47
3,474.0	0.24	223.50	3,403.5	-306.8	404.6	507.8	0.63	-0.42	79.53
3,537.0	0.58	257.63	3,466.5	-307.0	404.2	507.6	0.64	0.54	54.17
3,600.0	0.77	240.99	3,529.5	-307.3	403.5	507.2	0.43	0.30	-26.41
3,663.0	0.57	206.46	3,592.5	-307.7	403.0	507.1	0.70	-0.32	-54.81
3,726.0	0.74	245.27	3,655.5	-308.2	402.5	507.0	0.74	0.27	61.60
3,789.0	0.67	254.27	3,718.5	-308.5	401.8	506.5	0.21	-0.11	14.29
3,853.0	0.88	241.99	3,782.5	-308.8	401.0	506.1	0.42	0.33	-19.19
3,916.0	0.98	227.46	3,845.5	-309.4	400.2	505.8	0.41	0.16	-23.06
3,979.0	0.95	226.64	3,908.5	-310.1	399.4	505.6	0.05	-0.05	-1.30
4,043.0	0.92	216.37	3,972.5	-310.9	398.7	505.5	0.27	-0.05	-16.05
4,106.0	0.81	247.60	4,035.5	-311.5	398.0	505.3	0.76	-0.17	49.57
4,169.0	0.82	254.62	4,098.5	-311.8	397.2	504.8	0.16	0.02	11.14
4,232.0	0.55	261.77	4,161.5	-311.9	396.4	504.3	0.45	-0.43	11.35
4,295.0	0.56	243.71	4,224.5	-312.1	395.9	504.0	0.28	0.02	-28.67

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Davis A Federal 1P
Project:	SJB (NM West)	TVD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Site:	SEC 25-T30N-R11W	MD Reference:	GL 6024' & KB 15' @ 6039.0ft (AWS 730)
Well:	Davis A Federal 1P	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)
4,359.0	1.13	230.17	4,288.5	-312.6	395.1	503.7	0.94	0.89	-21.16
4,419.0	1.07	226.81	4,348.4	-313.4	394.2	503.5	0.15	-0.10	-5.60
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	0.5	2.0	First SDI MWD Survey
4,419.0	4,348.4	-313.4	394.2	Last SDI MWD Survey

Checked By: _____	Approved By: _____	Date: _____
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