

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

1a. Type of Work DRILL	5. Lease Number SF-078115 Unit Reporting Number NOV 29 2012
1b. Type of Well GAS	6. If Indian, All. or Tribal Farmington Field Office Bureau of Land Management
2. Operator ConocoPhillips Company	7. Unit Agreement Name MV-NMNM73339 DK-NMNM76008
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name YAGER LS 9. Well Number 1M RCVD JAN 3 '13 OIL CONS. DIV. DIST. 3
4. Location of Well Surface: Unit L (NW/SW), 1506' FSL & 1263' FWL BHL : Unit L (NW/SW), 1930' FSL & 710' FWL Surface: Latitude: 36.8524396° N (NAD83) Longitude: 108.0365760° W Surface: Latitude: 36.8536029° N (NAD83) Longitude: 108.0384675° W	10. Field, Pool, Wildcat BLANCO MV / BASIN DK 11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 31, T31N, R11W BHL : Sec. 31, T31N, R11W API # 30-045- 35445
14. Distance in Miles from Nearest Town 3 miles of Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'	
16. Acres in Lease 2,421.800  H ₂ S POTENTIAL EXIST	17. Acres Assigned to Well 322.90 (S/2) MV 325.20 (W/2) DK
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 272' +/- from Thurston Com 100 (COPC) (FRC/PC)	
19. Proposed Depth (VD) 6948' This action is subject to technical and review pursuant to 43 CFR 3165.3 and 43 CFR 3165.4	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5872' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS". 11/28/12
23. Proposed Casing and Cementing Program See Operations Plan attached	Hold C104 for Directional Survey and "As Drilled" plat
24. Authorized by: Marie E. Jaramillo (Staff Regulatory Tech.)	Date

PERMIT NO. APPROVAL DATE

APPROVED BY DATE

Archaeological Report attached A gas recovery unit may or may not be used on this location.

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

JAN 11 2013 ca

NMOCD N

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

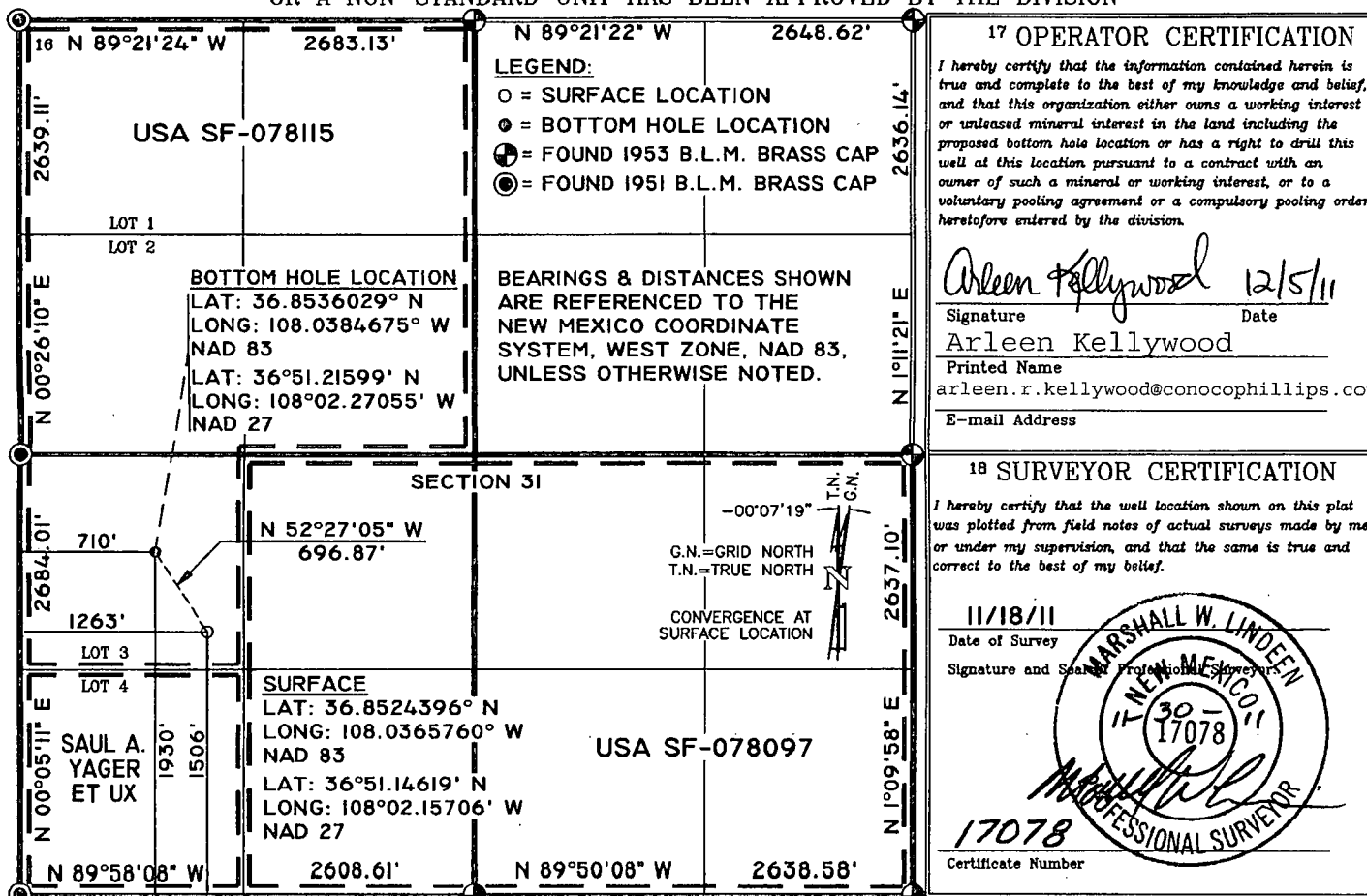
PC

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENTING

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

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

Farmington Field Office
Bureau of Land Management
☐ AMENDED REPORT



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

YAGER LS 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1086				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 790		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface		Datum Code: NAD 27				Directional	
Latitude: 36.852436	Longitude: -108.035951	X:	Y:	Section: 31	Range: 011W		
Footage X: 1263 FWL	Footage Y: 1506 FSL	Elevation: 5872	(FT)	Township: 031N			
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Directional	
Latitude: 36.853600	Longitude: -108.037842	X:	Y:	Section: 31	Range: 011W		
Footage X: 710 FWL	Footage Y: 1930 FSL	Elevation:	(FT)	Township: 031N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5889		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5689		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	767	5122		☐			
KIRTLAND	881	5008		☐			
FRUITLAND	1756	4133		☐			Possible Gas
PICTURED CLIFFS	2312	3577		☐			
LEWIS	2470	3419		☐			
HUERFANITO BENTONITE	3056	2833		☐			
CHACRA	3391	2498		☐			
UPPER CLIFF HOUSE	3934	1955		☐			Gas; Cliffhouse is wet
MASSIVE CLIFF HOUSE	3995	1894		☐	561		Gas;
MENEFEE	4108	1781		☐			Est. Top Perf - 4195 (1694)
Intermediate Casing	4258	1631		☐		140	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 959 cuft. Circulate cement to surface.
POINT LOOKOUT	4589	1300		☐			
MANCOS	4968	921		☐			
UPPER GALLUP	5891	-2		☐			
GREENHORN	6636	-747		☐			
GRANEROS	6691	-802		☐			
TWO WELLS	6752	-863		☐	2403		Gas
PAGUATE	6819	-930		☐			
LOWER CUBERO	6857	-968		☐			Est. Btm Perf - 6928 (- 1039) based on offset wells
UPPER CUBERO	6857	-968		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

YAGER LS 1M

DEVELOPMENT

ENCINAL	6908	-1019	☐	TD - 40' Below T/ENCN
Total Depth	6948	-1059	☐	197 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 356 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	THURSTON COM-A-1-E	31N 11W 31 SW NE SE
Production	YEAGER COM-1	30N 11W 6 SW NE NW
Production	THURSTON-1A	31N 11W 31 SW NE NW

Logging Program:	
Intermediate Logs:	☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Run RST on completion.	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Yager LS 1M
Company:	ConocoPhillips SJB	TVD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Yager LS 1M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Project	San Juan Basin - New Mexico West Wells, New Mexico, Directional "S"		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site	Other Named Wells				
Site Position:		Northing:	2,063,826.04 ft	Latitude:	36° 40' 18.848 N
From:	Lat/Long	Easting:	504,691.02 ft	Longitude:	107° 49' 2.415 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	0.01 °

Well	Yager LS 1M					
Well Position	+N/-S	0.0 ft	Northing:	2,129,611.20 ft	Latitude:	36° 51' 8.771 N
	+E/-W	0.0 ft	Easting:	440,718.35 ft	Longitude:	108° 2' 9.424 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,872.0 ft

Wellbore	Principal Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	4/18/2012	9.92	63.48	50,648

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	307.43

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,390.5	21.41	307.43	1,365.8	120.2	-157.0	2.00	2.00	0.00	307.43	
2,397.0	21.41	307.43	2,302.8	343.5	-448.7	0.00	0.00	0.00	0.00	
3,110.7	0.00	0.00	3,000.0	423.6	-553.4	3.00	-3.00	0.00	180.00	Yager LS 1M Vertical
4,368.7	0.00	0.00	4,258.0	423.6	-553.4	0.00	0.00	0.00	0.00	Yager LS 1M Int Csg
7,058.7	0.00	0.00	6,948.0	423.6	-553.4	0.00	0.00	0.00	0.00	Yager LS 1M Prod Cs

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning	Local Co-ordinate Reference: Well Yager LS 1M
Company: ConocoPhillips SJBU	TVD Reference: AD 920 @ 5887.0ft (Original Well Elev)
Project: San Juan Basin - New Mexico West Wells	MD Reference: AD 920 @ 5887.0ft (Original Well Elev)
Site: Other Named Wells	North Reference: True
Well: Yager LS 1M	Survey Calculation Method: Minimum Curvature
Wellbore: Principal Wellbore	
Design: Plan #1	

Planned 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
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
Surface Casing Pt									
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.60	307.43	400.0	0.7	-0.9	1.1	2.00	2.00	0.00
500.0	3.60	307.43	499.9	3.4	-4.5	5.7	2.00	2.00	0.00
600.0	5.60	307.43	599.6	8.3	-10.9	13.7	2.00	2.00	0.00
700.0	7.60	307.43	698.9	15.3	-20.0	25.2	2.00	2.00	0.00
768.8	8.98	307.43	767.0	21.3	-27.9	35.1	2.00	2.00	0.00
Ojo Alamo									
800.0	9.60	307.43	797.8	24.4	-31.9	40.1	2.00	2.00	0.00
884.6	11.29	307.43	881.0	33.7	-44.0	55.5	2.00	2.00	0.00
Kirtland									
900.0	11.60	307.43	896.0	35.6	-46.5	58.5	2.00	2.00	0.00
1,000.0	13.60	307.43	993.6	48.8	-63.8	80.3	2.00	2.00	0.00
1,100.0	15.60	307.43	1,090.4	64.1	-83.8	105.5	2.00	2.00	0.00
1,200.0	17.60	307.43	1,186.2	81.5	-106.5	134.1	2.00	2.00	0.00
1,300.0	19.60	307.43	1,281.0	100.9	-131.8	166.0	2.00	2.00	0.00
1,390.5	21.41	307.43	1,365.8	120.2	-157.0	197.7	2.00	2.00	0.00
1,400.0	21.41	307.43	1,374.6	122.3	-159.7	201.2	0.00	0.00	0.00
1,500.0	21.41	307.43	1,467.7	144.5	-188.7	237.7	0.00	0.00	0.00
1,600.0	21.41	307.43	1,560.8	166.6	-217.7	274.2	0.00	0.00	0.00
1,700.0	21.41	307.43	1,653.9	188.8	-246.7	310.7	0.00	0.00	0.00
1,800.0	21.41	307.43	1,747.0	211.0	-275.7	347.2	0.00	0.00	0.00
1,809.7	21.41	307.43	1,756.0	213.2	-278.5	350.7	0.00	0.00	0.00
Fruitland									
1,900.0	21.41	307.43	1,840.1	233.2	-304.7	383.7	0.00	0.00	0.00
2,000.0	21.41	307.43	1,933.2	255.4	-333.7	420.2	0.00	0.00	0.00
2,100.0	21.41	307.43	2,026.3	277.6	-362.6	456.7	0.00	0.00	0.00
2,200.0	21.41	307.43	2,119.4	299.8	-391.6	493.2	0.00	0.00	0.00
2,300.0	21.41	307.43	2,212.5	322.0	-420.6	529.7	0.00	0.00	0.00
2,397.0	21.41	307.43	2,302.8	343.5	-448.7	565.1	0.00	0.00	0.00
2,400.0	21.32	307.43	2,305.6	344.2	-449.6	566.2	3.00	-3.00	0.00
2,406.9	21.11	307.43	2,312.0	345.7	-451.6	568.7	3.00	-3.00	0.00
Pictured Cliffs									
2,500.0	18.32	307.43	2,399.7	364.8	-476.5	600.1	3.00	-3.00	0.00
2,573.6	16.11	307.43	2,470.0	378.0	-493.8	621.9	3.00	-3.00	0.00
Lewis									
2,600.0	15.32	307.43	2,495.4	382.3	-499.5	629.0	3.00	-3.00	0.00
2,700.0	12.32	307.43	2,592.5	396.9	-518.5	652.9	3.00	-3.00	0.00
2,800.0	9.32	307.43	2,690.7	408.3	-533.4	671.7	3.00	-3.00	0.00
2,900.0	6.32	307.43	2,789.7	416.5	-544.2	685.3	3.00	-3.00	0.00
3,000.0	3.32	307.43	2,889.4	421.7	-550.9	693.7	3.00	-3.00	0.00
3,100.0	0.32	307.43	2,989.3	423.6	-553.4	696.9	3.00	-3.00	0.00
3,110.7	0.00	0.00	3,000.0	423.6	-553.4	696.9	3.00	-3.00	491.65
Yager LS 1M Vertical Pt									
3,166.7	0.00	0.00	3,056.0	423.6	-553.4	696.9	0.00	0.00	0.00
Huerfano Bentonite									
3,501.7	0.00	0.00	3,391.0	423.6	-553.4	696.9	0.00	0.00	0.00
Chacra									
4,044.7	0.00	0.00	3,934.0	423.6	-553.4	696.9	0.00	0.00	0.00
Upper Cliff House									

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Yager LS 1M
Company:	ConocoPhillips SJB	TVD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Yager LS 1M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Planned 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)
4,105.7	0.00	0.00	3,995.0	423.6	-553.4	696.9	0.00	0.00	0.00
Massive Cliff House									
4,218.7	0.00	0.00	4,108.0	423.6	-553.4	696.9	0.00	0.00	0.00
Menefee									
4,368.7	0.00	0.00	4,258.0	423.6	-553.4	696.9	0.00	0.00	0.00
Int Casing Pt - Yager LS 1M Int Csg Pt									
4,699.7	0.00	0.00	4,589.0	423.6	-553.4	696.9	0.00	0.00	0.00
Pt. Lookout									
5,078.7	0.00	0.00	4,968.0	423.6	-553.4	696.9	0.00	0.00	0.00
Mancos Shale									
6,001.7	0.00	0.00	5,891.0	423.6	-553.4	696.9	0.00	0.00	0.00
Gallup									
6,746.7	0.00	0.00	6,636.0	423.6	-553.4	696.9	0.00	0.00	0.00
Greenhorn									
6,801.7	0.00	0.00	6,691.0	423.6	-553.4	696.9	0.00	0.00	0.00
Graneros									
6,862.7	0.00	0.00	6,752.0	423.6	-553.4	696.9	0.00	0.00	0.00
Two Wells									
6,929.7	0.00	0.00	6,819.0	423.6	-553.4	696.9	0.00	0.00	0.00
Pauguate									
6,967.7	0.00	0.00	6,857.0	423.6	-553.4	696.9	0.00	0.00	0.00
Cubero									
7,018.7	0.00	0.00	6,908.0	423.6	-553.4	696.9	0.00	0.00	0.00
Encinal									
7,058.7	0.00	0.00	6,948.0	423.6	-553.4	696.9	0.00	0.00	0.00
TD - Prod Casing Pt - Yager LS 1M Prod Csg Pt									

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Yager LS 1M Prod Csg I - plan hits target center - Point	0.00	0.00	6,948.0	423.6	-553.4	2,130,035.94	440,165.90	36° 51' 12.960 N	108° 2' 16.233 W
Yager LS 1M Vertical Pt - plan hits target center - Point	0.00	0.00	3,000.0	423.6	-553.4	2,130,035.94	440,165.90	36° 51' 12.960 N	108° 2' 16.233 W
Yager LS 1M Int Csg Pt - plan hits target center - Point	0.00	0.00	4,258.0	423.6	-553.4	2,130,035.90	440,165.88	36° 51' 12.959 N	108° 2' 16.233 W

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Yager LS 1M
Company:	ConocoPhillips SJBU	TVD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	AD 920 @ 5887.0ft (Original Well Elev)
Site:	Other Named Wells	North Reference:	True
Well:	Yager LS 1M	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
200.0	200.0	Surface Casing Pt	9-5/8	12-1/4
4,368.7	4,258.0	Int Casing Pt	7	8-3/4
7,058.7	6,948.0	Prod Casing Pt	4-1/2	6-1/4

Formations

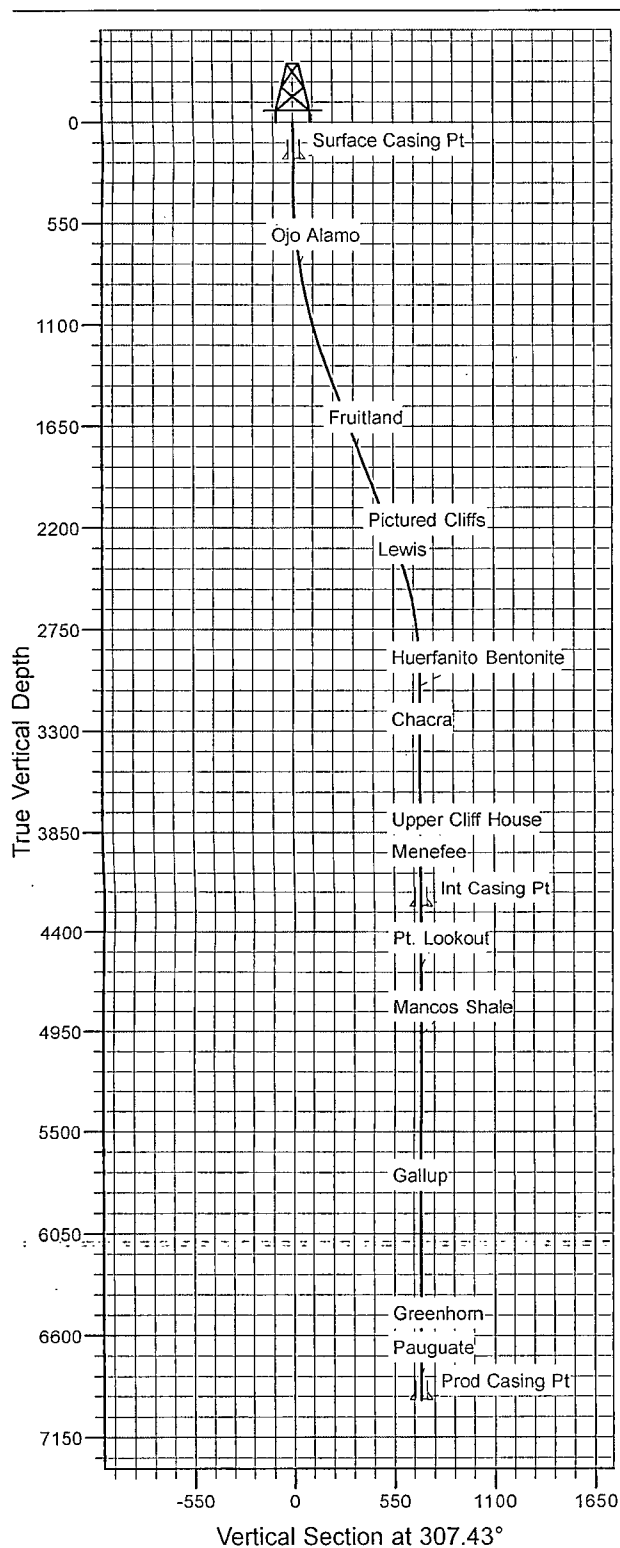
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,929.7	6,819.0	Pauguate		0.00	
7,058.7	6,948.0	TD		0.00	
768.8	767.0	Ojo Alamo		0.00	
5,078.7	4,968.0	Mancos Shale		0.00	
7,018.7	6,908.0	Encinal		0.00	
4,044.7	3,934.0	Upper Cliff House		0.00	
4,218.7	4,108.0	Menefee		0.00	
2,406.9	2,312.0	Pictured Cliffs		0.00	
4,699.7	4,589.0	Pt. Lookout		0.00	
4,105.7	3,995.0	Massive Cliff House		0.00	
6,967.7	6,857.0	Cubero		0.00	
884.6	881.0	Kirtland		0.00	
6,862.7	6,752.0	Two Wells		0.00	
3,166.7	3,056.0	Huerfanito Bentonite		0.00	
3,501.7	3,391.0	Chacra		0.00	
6,001.7	5,891.0	Gallup		0.00	
2,573.6	2,470.0	Lewis		0.00	
6,801.7	6,691.0	Graneros		0.00	
1,809.7	1,756.0	Fruitland		0.00	
6,746.7	6,636.0	Greenhorn		0.00	

D 920 @ 5887.0ft (Original Well Elev)
 Ground Elevation 5872.0
 Reference Lat: 36° 51' 8.771 N
 Reference Long: 108° 2' 9.424 W

Project: San Juan Basin - New Mexico vvest v
 Site: Other Named Wells
 Well: Yager LS 1M
 Wellbore: Principal Wellbore
 Design: Plan #1

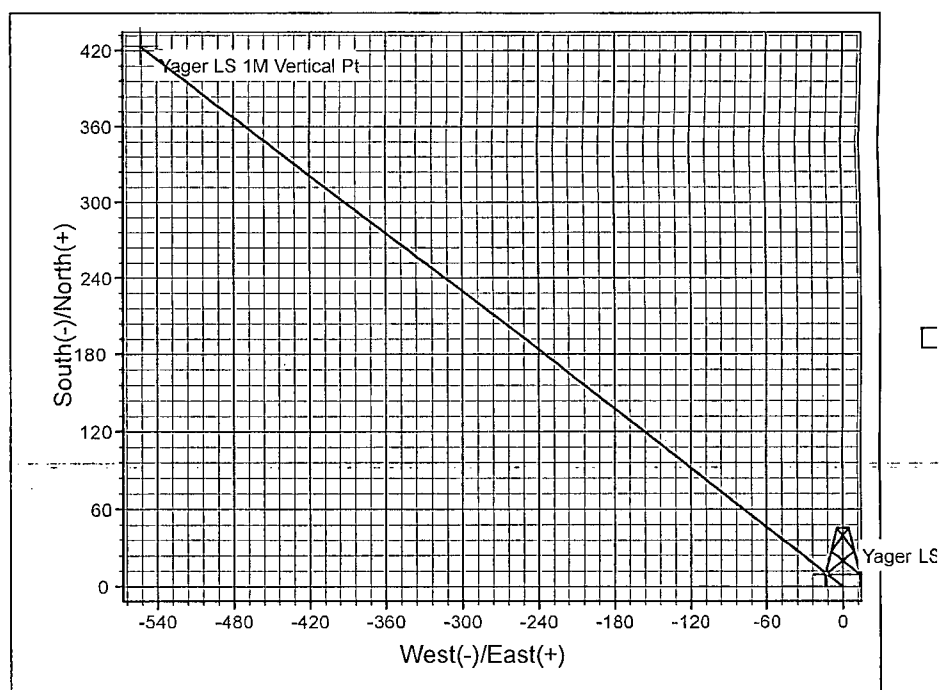
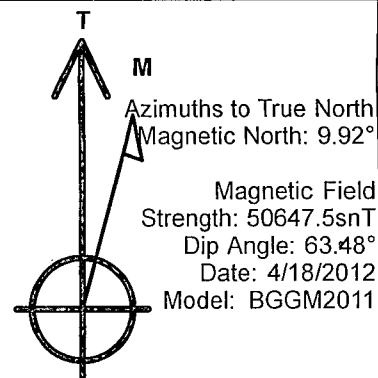
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	320.0	0.00	0.00	320.0	0.0	0.0	0.00	0.00	0.0	
3	1390.5	21.41	307.43	1365.8	120.2	-157.0	2.00	307.43	197.7	
4	2397.0	21.41	307.43	2302.8	343.5	-448.7	0.00	0.00	565.1	
5	3110.7	0.00	0.00	3000.0	423.6	-553.4	3.00	180.00	696.9	Yager LS 1M Vertical Pt
6	4368.7	0.00	0.00	4258.0	423.6	-553.4	0.00	0.00	696.9	Yager LS 1M Int Csg Pt
7	7058.7	0.00	0.00	6948.0	423.6	-553.4	0.00	0.00	696.9	Yager LS 1M Prod Csg Pt



FORMATION TOP DETAILS

VDPPath	MDPath	Formation
767.0	768.8	Ojo Alamo
881.0	884.6	Kirtland
1756.0	1809.7	Fruitland
2312.0	2406.9	Pictured Cliffs
2470.0	2573.6	Lewis
3056.0	3166.7	Huerfanito Benton
3391.0	3501.7	Chacra
3934.0	4044.7	Upper Cliff House
3995.0	4105.7	Massive Cliff House
4108.0	4218.7	Menefee
4589.0	4699.7	Pt. Lookout
4968.0	5078.7	Mancos Shale
5891.0	6001.7	Gallup
6636.0	6746.7	Greenhorn
6691.0	6801.7	Graneros
6752.0	6862.7	Two Wells
6819.0	6929.7	Pauguate
6857.0	6967.7	Cubero
6908.0	7018.7	Encinal
6948.0	7058.7	TD



CONOCOPHILLIPS COMPANY

YAGER LS 1M

1506' FSL & 1263' FWL (SURFACE)

1930' FSL & 710' FWL (BOTTOM HOLE LOCATION)

LATITUDE: 36.8524396° N

LONGITUDE: 108.0365760° W

NAD 83

SECTION 31, T-31-N, R-11-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

FROM THE INTERSECTION OF NEW MEXICO STATE HIGHWAY 516 AND
NORTH LIGHT PLANT ROAD (N.M. STATE HIGHWAY 574) IN AZTEC, NEW MEXICO.

TRAVEL NORTHERLY ON NORTH LIGHT PLANT ROAD 1.8 MILES.
TURN LEFT ONTO A DIRT ROAD AND TRAVEL SOUTHWESTERLY 1.2 MILES
TO A "4-WAY" INTERSECTION.

TURN RIGHT AND TRAVEL NORTHERLY 0.4 MILE,
PASSING THROUGH THURSTON COM 100 WELL LOCATION TO
PROPOSED YAGER LS 1M WELL LOCATION.