

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JUL 06 2011

1a. Type of Work DRILL	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	5. Lease Number SF-078198 Farmington Field Office Unit Reporting Number of Land Management:
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Nye SRC 9. Well Number 13N
4. Location of Well Surface: Unit O (SWSE), 1150' FSL & 1722' FEL BHL : Unit N (SESW), 1122' FSL & 1909' FWL Surface: Latitude: 36.822081° N (NAD83) Longitude: 107.939532° W BHL : Latitude: 36.822076° N (NAD83) Longitude: 107.945008° W		10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T30N, R11W API # 30-045- 35304
14. Distance in Miles from Nearest Town 3.6 Miles to Aztec		12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1122'		13. State NM
16. Acres in Lease 1,597.470		17. Acres Assigned to Well S/2 - 320.68 MV W/2 - 320.77 DK
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 184' from Nye 7/PC (P&A)		
19. Proposed Depth 7194'	 H ₂ S POTENTIAL EXIST	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6051' GL		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Arleen Kellywood</u> Arleen Kellywood (Staff Regulatory Tech)		7/1/11 Date

Hold C104
for Directional Survey
and "As Drilled" plat

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 8/29/11

Archaeological Report attached
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

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

SEP 20 2011
NMOCD

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

Hold C104
for Directional Survey
and "As Drilled" plat

PC

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 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

Form C-102
Revised October 16, 2010
Submit once copy to appropriate
District Office

JUL 06 2011

Farmington Field Office
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION OF LAND MANAGEMENT

¹ API Number 30-045-35304	² Pool Code 72319 / 71599	³ Pool Name Blanco MESAVERDE / DAKOTA
⁴ Property Code 18592	⁵ Property Name NYE SRC	⁶ Well Number 13N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6051

¹⁰ SURFACE LOCATION

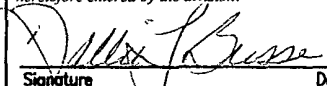
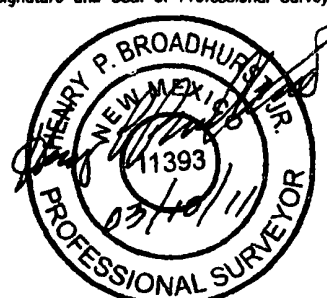
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	12	30-N	11-W	\\	1150	SOUTH	1722	EAST	SAN JUAN

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
N	12	30-N	11-W		1122	SOUTH	1909	WEST	SAN JUAN

¹² Dedicated Acres S/2 - 320.68 - MV W/2 - 320.77 - DK	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 BLM 1969	LOT 3	LOT 2	LOT 1	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 Dollie L. Busse Printed Name E-mail Address
BLM 1969	LOT 5	LOT 7	LOT 8	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. Date of Survey: 1/28/11 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11393
BLM 1969	LOT 6	LOT 10	LOT 9	
BLM 1969	LOT 4	LOT 11	LOT 12	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 13N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0136				AFE \$: 480,970.00	
Field Name: SAN JUAN		Rig: Aztec Rig 920		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						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.822077	Longitude: -107.938910	X:	Y:	Section: 12	Range: 011W		
Footage X: 1722 FEL	Footage Y: 1150 FSL	Elevation: 6051	(FT)	Township: 030N			
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.822072	Longitude: -107.944386	X:	Y:	Section: 12	Range: 011W		
Footage X: 1909 FWL	Footage Y: 1122 FSL	Elevation:	(FT)	Township: 030N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6066		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	230	5836		☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 130 cuft. Circulate cement to surface.
OJO ALAMO	1180	4886		☐			
KIRTLAND	1300	4766		☐			
FRUITLAND	1979	4087		☐			Possible Gas
PICTURED CLIFFS	2587	3479		☐			
LEWIS	2749	3317		☐			
HUERFANITO BENTONITE	3332	2734		☐			
CHACRA	3635	2431		☐			
UPPER CLIFF HOUSE	4115	1951		☐			Gas
MASSIVE CLIFF HOUSE	4208	1858		☐	692		Gas
MENEFEE	4386	1680		☐			Est. Top Perf - 4586 (1480)
Intermediate Casing	4536	1530		☐		147	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1091 cuft. Circulate cement to surface.
POINT LOOKOUT	4855	1211		☐			
MANCOS	5227	839		☐			
UPPER GALLUP	6118	-52		☐			
GREENHORN	6862	-796		☐			
GRANEROS	6917	-851		☐			
TWO WELLS	6970	-904		☐	2099		Gas
PAGUATE	7053	-987		☐			
LOWER CUBERO	7098	-1032		☐			
UPPER CUBERO	7098	-1032		☐			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE SRC 13N

DEVELOPMENT

ENCINAL	7154	-1088	☐	TD - 40' below T/ENCN; Est. Btm Perf - 7174 (- 1108) based on offset wells
Total Depth	7194	-1128	☐	201 6-1/4" hole, 4-1/2" 11.6 ppf, J-55, LTC casing. Cement w/ 366 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Nye 10E	30N 11W 12 NE SW NE
Production	Nye SRC 13E	30N 11W 12 SE NW SW
Production	Nye D 10	30N 11W 12 SW SE

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
Cased Hole GR / CBL	
Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.	

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 NYE SRC 13N
Company:	ConocoPhillips SJB	TVD Reference:	KB @ 6066.0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6066.0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		Using geodetic scale factor

Site:	Other Named Wells		
Site Position:		Northing:	2,108,178.26 ft
From:	Lat/Long	Easting:	643,887.63 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 47' 33.793 N
		Longitude:	107° 20' 30.932 W
		Grid Convergence:	0.29 °

Well:	NYE SRC 13N, MV/DK Wet Cliffhouse - S-Curve		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 49' 19.480 N
		Longitude:	107° 56' 20.078 W
		Ground Level:	6,051.0 ft

Wellbore:	Original Hole		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	3/10/2011	10.01	63.52	50,775

Design:	Plan #1		
Audit Notes:			
Version:	1	Phase:	PLAN
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.0	0.0	0.0
		Direction (°)	269.94

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	
350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,761.6	28.23	269.94	1,705.2	-0.4	-340.8	2.00	2.00	0.00	269.94	
3,949.2	28.23	269.94	3,632.5	-1.5	-1,375.7	0.00	0.00	0.00	0.00	
4,890.3	0.00	0.00	4,536.0	-1.8	-1,602.9	3.00	-3.00	0.00	180.00	NYE SRC 13N ICP
7,548.3	0.00	0.00	7,194.0	-1.8	-1,602.9	0.00	0.00	0.00	0.00	NYE SRC 13N PCP

ConocoPhillips or its affiliates

Planning Report

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Company:	ConocoPhillips SJB	TVD Reference:	KB @ 6066.0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6066.0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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	
100.0	0.00	0.00	100.0	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	
230.0	0.00	0.00	230.0	0.0	0.0	0.0	0.00	0.00	0.00	
Surf										
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
350.0	0.00	0.00	350.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	1.00	269.94	400.0	0.0	-0.4	0.4	2.00	2.00	0.00	
500.0	3.00	269.94	499.9	0.0	-3.9	3.9	2.00	2.00	0.00	
600.0	5.00	269.94	599.7	0.0	-10.9	10.9	2.00	2.00	0.00	
700.0	7.00	269.94	699.1	0.0	-21.4	21.4	2.00	2.00	0.00	
800.0	9.00	269.94	798.2	0.0	-35.3	35.3	2.00	2.00	0.00	
900.0	11.00	269.94	896.6	-0.1	-52.6	52.6	2.00	2.00	0.00	
1,000.0	13.00	269.94	994.4	-0.1	-73.4	73.4	2.00	2.00	0.00	
1,100.0	15.00	269.94	1,091.5	-0.1	-97.6	97.6	2.00	2.00	0.00	
1,192.1	16.84	269.94	1,180.0	-0.1	-122.9	122.9	2.00	2.00	0.00	
Ojo Alamo										
1,200.0	17.00	269.94	1,187.6	-0.1	-125.2	125.2	2.00	2.00	0.00	
1,300.0	19.00	269.94	1,282.7	-0.2	-156.1	156.1	2.00	2.00	0.00	
1,318.3	19.37	269.94	1,300.0	-0.2	-162.1	162.1	2.00	2.00	0.00	
Kirtland										
1,400.0	21.00	269.94	1,376.6	-0.2	-190.3	190.3	2.00	2.00	0.00	
1,500.0	23.00	269.94	1,469.4	-0.2	-227.7	227.7	2.00	2.00	0.00	
1,600.0	25.00	269.94	1,560.7	-0.3	-268.4	268.4	2.00	2.00	0.00	
1,700.0	27.00	269.94	1,650.6	-0.3	-312.2	312.2	2.00	2.00	0.00	
1,761.6	28.23	269.94	1,705.2	-0.4	-340.8	340.8	2.00	2.00	0.00	
1,800.0	28.23	269.94	1,739.0	-0.4	-359.0	359.0	0.00	0.00	0.00	
1,900.0	28.23	269.94	1,827.1	-0.4	-406.3	406.3	0.00	0.00	0.00	
2,000.0	28.23	269.94	1,915.2	-0.5	-453.6	453.6	0.00	0.00	0.00	
2,072.4	28.23	269.94	1,979.0	-0.5	-487.8	487.8	0.00	0.00	0.00	
Fruitland										
2,100.0	28.23	269.94	2,003.3	-0.5	-500.9	500.9	0.00	0.00	0.00	
2,200.0	28.23	269.94	2,091.4	-0.6	-548.2	548.2	0.00	0.00	0.00	
2,300.0	28.23	269.94	2,179.5	-0.7	-595.5	595.5	0.00	0.00	0.00	
2,400.0	28.23	269.94	2,267.6	-0.7	-642.8	642.8	0.00	0.00	0.00	
2,500.0	28.23	269.94	2,355.7	-0.8	-690.1	690.1	0.00	0.00	0.00	
2,600.0	28.23	269.94	2,443.8	-0.8	-737.4	737.4	0.00	0.00	0.00	
2,700.0	28.23	269.94	2,531.9	-0.9	-784.7	784.7	0.00	0.00	0.00	
2,762.5	28.23	269.94	2,587.0	-0.9	-814.3	814.3	0.00	0.00	0.00	
Pictured Cliffs										
2,800.0	28.23	269.94	2,620.0	-0.9	-832.0	832.0	0.00	0.00	0.00	
2,900.0	28.23	269.94	2,708.1	-1.0	-879.3	879.3	0.00	0.00	0.00	
2,946.4	28.23	269.94	2,749.0	-1.0	-901.3	901.3	0.00	0.00	0.00	
Lewis										
3,000.0	28.23	269.94	2,796.2	-1.0	-926.6	926.6	0.00	0.00	0.00	
3,100.0	28.23	269.94	2,884.3	-1.1	-973.9	973.9	0.00	0.00	0.00	
3,200.0	28.23	269.94	2,972.4	-1.1	-1,021.2	1,021.2	0.00	0.00	0.00	
3,300.0	28.23	269.94	3,060.6	-1.2	-1,068.5	1,068.5	0.00	0.00	0.00	
3,400.0	28.23	269.94	3,148.7	-1.2	-1,115.8	1,115.8	0.00	0.00	0.00	
3,500.0	28.23	269.94	3,236.8	-1.3	-1,163.1	1,163.1	0.00	0.00	0.00	
3,600.0	28.23	269.94	3,324.9	-1.3	-1,210.5	1,210.5	0.00	0.00	0.00	
3,608.1	28.23	269.94	3,332.0	-1.3	-1,214.3	1,214.3	0.00	0.00	0.00	
Huerf. Bent.										

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips SJBU	TVD Reference:	KB @ 6066 0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6066 0ft (AWS rigs)
Site:	Other Named Wells:	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
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)
3,700.0	28.23	269.94	3,413.0	-1.4	-1,257.8	1,257.8	0.00	0.00	0.00
3,800.0	28.23	269.94	3,501.1	-1.4	-1,305.1	1,305.1	0.00	0.00	0.00
3,900.0	28.23	269.94	3,589.2	-1.5	-1,352.4	1,352.4	0.00	0.00	0.00
3,949.2	28.23	269.94	3,632.5	-1.5	-1,375.7	1,375.7	0.00	0.00	0.00
3,952.0	28.15	269.94	3,635.0	-1.5	-1,377.0	1,377.0	3.00	-3.00	0.00
Chacra									
4,000.0	26.71	269.94	3,677.6	-1.5	-1,399.1	1,399.1	3.00	-3.00	0.00
4,100.0	23.71	269.94	3,768.1	-1.6	-1,441.7	1,441.7	3.00	-3.00	0.00
4,200.0	20.71	269.94	3,860.6	-1.6	-1,479.5	1,479.5	3.00	-3.00	0.00
4,300.0	17.71	269.94	3,955.0	-1.7	-1,512.4	1,512.4	3.00	-3.00	0.00
4,400.0	14.71	269.94	4,051.1	-1.7	-1,540.3	1,540.3	3.00	-3.00	0.00
4,465.8	12.73	269.94	4,115.0	-1.7	-1,555.9	1,555.9	3.00	-3.00	0.00
Upper Cliff House									
4,500.0	11.71	269.94	4,148.4	-1.7	-1,563.1	1,563.1	3.00	-3.00	0.00
4,560.7	9.89	269.94	4,208.0	-1.7	-1,574.5	1,574.5	3.00	-3.00	0.00
Mass. Cliff House									
4,600.0	8.71	269.94	4,246.8	-1.7	-1,580.8	1,580.8	3.00	-3.00	0.00
4,700.0	5.71	269.94	4,346.0	-1.7	-1,593.4	1,593.4	3.00	-3.00	0.00
4,740.2	4.50	269.94	4,386.0	-1.7	-1,597.0	1,597.0	3.00	-3.00	0.00
Menefee									
4,800.0	2.71	269.94	4,445.7	-1.8	-1,600.7	1,600.7	3.00	-3.00	0.00
4,890.3	0.00	0.00	4,536.0	-1.8	-1,602.9	1,602.9	3.00	-3.00	0.00
Intermediate TD - Intermediate - NYE SRC 13N ICP									
4,900.0	0.00	0.00	4,545.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,000.0	0.00	0.00	4,645.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,100.0	0.00	0.00	4,745.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,200.0	0.00	0.00	4,845.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,209.3	0.00	0.00	4,855.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Point Lookout									
5,300.0	0.00	0.00	4,945.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,400.0	0.00	0.00	5,045.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,500.0	0.00	0.00	5,145.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,581.3	0.00	0.00	5,227.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Mancos									
5,600.0	0.00	0.00	5,245.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,345.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,445.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,545.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,645.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,100.0	0.00	0.00	5,745.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,200.0	0.00	0.00	5,845.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,300.0	0.00	0.00	5,945.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,400.0	0.00	0.00	6,045.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,472.3	0.00	0.00	6,118.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Upper Gallup									
6,500.0	0.00	0.00	6,145.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,600.0	0.00	0.00	6,245.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,700.0	0.00	0.00	6,345.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,800.0	0.00	0.00	6,445.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
6,900.0	0.00	0.00	6,545.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,000.0	0.00	0.00	6,645.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,100.0	0.00	0.00	6,745.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips SJB	TVD Reference:	KB @ 6066.0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6066.0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Original Hole 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)
7,200.0	0.00	0.00	6,845.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,216.3	0.00	0.00	6,862.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Greenhorn									
7,271.3	0.00	0.00	6,917.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Graneros									
7,300.0	0.00	0.00	6,945.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,324.3	0.00	0.00	6,970.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Two Wells									
7,400.0	0.00	0.00	7,045.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,407.3	0.00	0.00	7,053.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Paguate									
7,452.3	0.00	0.00	7,098.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Lower Cubero									
7,500.0	0.00	0.00	7,145.7	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
7,508.3	0.00	0.00	7,154.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Encinal									
7,548.3	0.00	0.00	7,194.0	-1.8	-1,602.9	1,602.9	0.00	0.00	0.00
Production TD: Production - NYE SRC 13N PCP									

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
hit/miss target									
- Shape									
NYE SRC 13N PCP	0.00	0.00	7,194.0	-1.8	-1,602.9	2,118,513.27	467,495.41	36° 49' 19.462 N	107° 56' 39.791 W
- plan hits target center									
- Circle (radius 50.0)									
NYE SRC 13N ICP	0.00	0.00	4,536.0	-1.8	-1,602.9	2,118,513.32	467,495.43	36° 49' 19.462 N	107° 56' 39.791 W
- plan hits target center									
- Circle (radius 50.0)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
4,890.3	4,536.0	Intermediate	7	8-3/4
7,548.3	7,194.0	Production	4-1/2	6-1/4
230.0	230.0	Surf	9-5/8	12-1/4

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well NYE SRC 13N
Company:	ConocoPhillips SJB	TVD Reference:	KB @ 6066 0ft (AWS rigs)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6066 0ft (AWS rigs)
Site:	Other Named Wells	North Reference:	True
Well:	NYE SRC 13N	Survey Calculation Method:	Minimum Curvature
Wellbore Design:	Original Hole Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,946.4	2,749.0	Lewis		0.00		
3,952.0	3,635.0	Chacra		0.00		
2,762.5	2,587.0	Pictured Cliffs		0.00		
4,890.3	4,536.0	Intermediate TD		0.00		
4,740.2	4,386.0	Menefee		0.00		
7,324.3	6,970.0	Two Wells		0.00		
7,271.3	6,917.0	Graneros		0.00		
7,407.3	7,053.0	Paguate		0.00		
4,465.8	4,115.0	Upper Cliff House		0.00		
5,209.3	4,855.0	Point Lookout		0.00		
1,318.3	1,300.0	Kirtland		0.00		
7,452.3	7,098.0	Lower Cubero		0.00		
1,192.1	1,180.0	Ojo Alamo		0.00		
6,472.3	6,118.0	Upper Gallup		0.00		
4,560.7	4,208.0	Mass Cliff House		0.00		
7,508.3	7,154.0	Encinal		0.00		
3,608.1	3,332.0	Huerf. Bent.		0.00		
7,548.3	7,194.0	Production TD		0.00		
7,216.3	6,862.0	Greenhorn		0.00		
5,581.3	5,227.0	Mancos		0.00		
2,072.4	1,979.0	Fruitland		0.00		

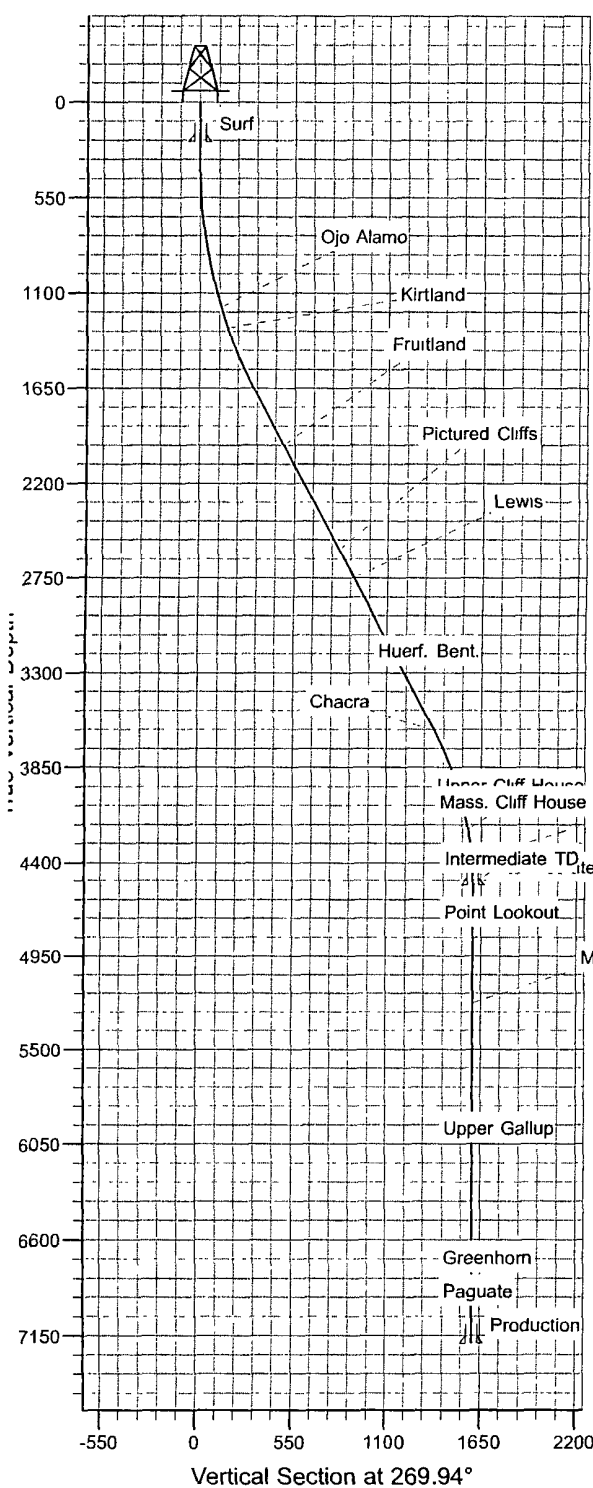
KB @ 6066.0ft (AWS rigs)
 round Elevation 6051.0
 Reference Lat: 36° 49' 19.480 N
 Reference Long: 107° 56' 20.078 W

Project: San Juan Basin - New Mexico West W
 Site: Other Named Wells
 Well: NYE SRC 13N
 Wellbore: Original Hole
 Design: Plan #1

ConocoPhillips

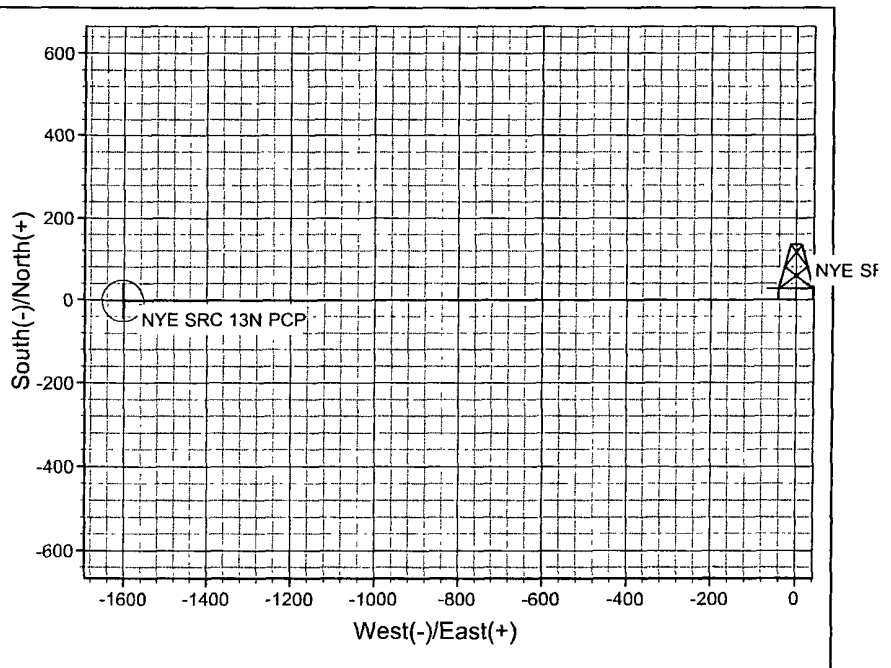
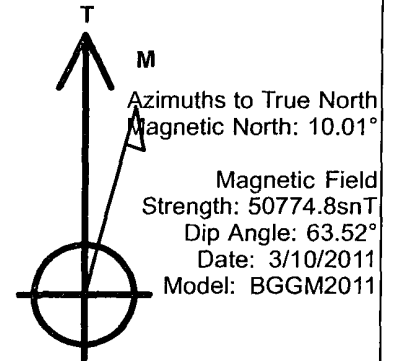
SECTION DETAILS

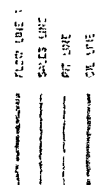
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	350.0	0.00	0.00	350.0	0.0	0.0	0.00	0.00	0.0	
3	1761.6	28.23	269.94	1705.2	-0.4	-340.8	2.00	269.94	340.8	
4	3949.2	28.23	269.94	3632.5	-1.5	-1375.7	0.00	0.00	1375.7	
5	4890.3	0.00	0.00	4536.0	-1.8	-1602.9	3.00	180.00	1602.9	NYE SRC 13N ICP
6	7548.3	0.00	0.00	7194.0	-1.8	-1602.9	0.00	0.00	1602.9	NYE SRC 13N PCP



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1180.0	1192.1	Ojo Alamo
1300.0	1318.3	Kirtland
1979.0	2072.4	Fruitland
2587.0	2762.5	Pictured Cliffs
2749.0	2946.4	Lewis
3332.0	3608.1	Huerf. Bent.
3635.0	3952.0	Chacra
4115.0	4465.8	Upper Cliff House
4208.0	4560.7	Mass. Cliff House
4386.0	4740.2	Menefee
4536.0	4890.3	Intermediate TD
4855.0	5209.3	Point Lookout
5227.0	5581.3	Mancos
6118.0	6472.3	Upper Gallup
6862.0	7216.3	Greenhorn
6917.0	7271.3	Graneros
6970.0	7324.3	Two Wells
7053.0	7407.3	Paguate
7098.0	7452.3	Lower Cubero
7154.0	7508.3	Encinal
7194.0	7548.3	Production TD





1. *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in most plants and algae. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum.

SECRET, U.S.

[illegible]

BURLINGTON RESOURCES OIL & GAS COMPANY LP
NYE SRC 13N
1150' FSL, 1722' FEL
SECTION 12, T-30-N, R-11-W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
NAD 83 LAT.: 36.822081° N LONG.: 107.939532° W
ELEV.: 6051 NAVD88

FROM THE INTERSECTION OF HWY 550 AND AZTEC BLVD. (CONOCO GAS STATION) IN AZTEC, N.M.:

- GO 1.1 MILES NORTHERLY ON HWY 550 TOWARDS DURANGO. TURN RIGHT (EAST) ON STATE HWY 173, GOING TOWARDS NAVAJO LAKE.
- GO 1.0 MILES EAST ON HWY 173. TURN LEFT AT NEW INTERSECTION, AND CONTINUE ON STATE HWY 173.
- GO 1.5 MILES EAST. TURN LEFT ON ACCESS ROAD TO EXISTING NYE 1A & PLUGGED & ABANDONED NYE#7 WELLS.
- NEW WELL STAKE OFF NORTH SIDE OF PLUGGED & ABANDONED NYE#7.