State of New Mexico
Energy, Minerals and Natural Resources Department

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-3 APD form.

Operator Signature Date: 2-10-14
Well information;
Operator Bullington, Well Name and Number San Juan 28-6 Unit #126M
API# 30-039-31222, Section 16 Township 28 (N)/S, Range 6 E/(W)

Conditions of Approval:
(See the below checked and handwritten conditions)

- ✓ Notify Aztec OCD 24hrs prior to casing & cement.
- ✓ Hold C-104 for directional survey & "As Drilled" Plat
- o Hold C-104 for NSL, NSP, DHC
- o Spacing rule violation. Operator must follow up with change of status notification on other well to be shut in or abandoned
- ✓ Regarding the use of a pit, closed loop system or below grade tank, the operator must comply with the following as applicable:
  - A pit requires a complete C-144 be submitted and approved prior to the construction or use of the pit, pursuant to 19.15.17.8.A
  - A closed loop system requires notification prior to use, pursuant to 19.15.17.9.A
  - A below grade tank requires a registration be filed prior to the construction or use of the below grade tank, pursuant to 19.15.17.8.C
- o Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
- o Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.

Charlie Perrin
NMOCD Approved by Signature

6-11-2014
Date

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

16

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
MAR 10 2014
Farmington Field Office
Bureau of Land Management

1a. Type of Work: DRILL

1b. Type of Well: GAS

2. Operator: BURLINGTON RESOURCES Oil & Gas Company, LP

3. Address & Phone No. of Operator: PO Box 4289, Farmington, NM 87499
(505) 326-9700

4. Location of Well
Surface: Unit N(SE/SW), 1320' FSL & 1710' FWL
BHL : Unit L(NW/SW), 2240' FSL & 930' FWL

Surface: Latitude: 36.65762° N (NAD83)
Longitude: 107.47563° W
BHL : Latitude: 36.66015° N (NAD83)
Longitude: 107.47829° W

5. Lease Number: SF-079192
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name: NMNM - 78412A-MV NMNM 78412CDK
SAN JUAN 28-6 UNIT

8. Farm or Lease Name

OIL CONS. DIV DIST. 3
MAY 19 2014

9. Well Number: 126M

10. Field, Pool, Wildcat: BLANCO MV/BASIN DK

11. Sec., Twn, Rge, Mer. (NMPM): Sec. 16, T28N, R6W

API # 30-039- 31222

12. County: RIO ARRIBA

13. State: NM

14. Distance in Miles from Nearest Town: 9 MILES FROM GOBERNADOR

15. Distance from Proposed Location to Nearest Property or Lease Line: 930'

16. Acres in Lease: 1920.000

17. Acres Assigned to Well: MV-320.00 ACRES-W/2
DK-320.00 ACRES-W/2

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

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease: 100' SJ 28-6 #49 (MV)

19. Proposed Depth: 7913'

20. Rotary or Cable Tools: Rotary

21. Elevations (DF, FT, GR, Etc.): 6608' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program: See Operations Plan attached

24. Authorized by: Arleen White (Staff Regulatory Tech) — Date: 2/10/14

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE AFM DATE 5/14/14

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

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
NMOCD

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

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

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, 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 Drive
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

RECEIVED

MAR 10 2014

Farmington Field Office
Bureau of Land Management

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-31222	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA

[4] Property Code	[5] Property Name	[6] Well Number
7462	SAN JUAN 28-6 UNIT	126M

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	6608'

[10] Surface Location

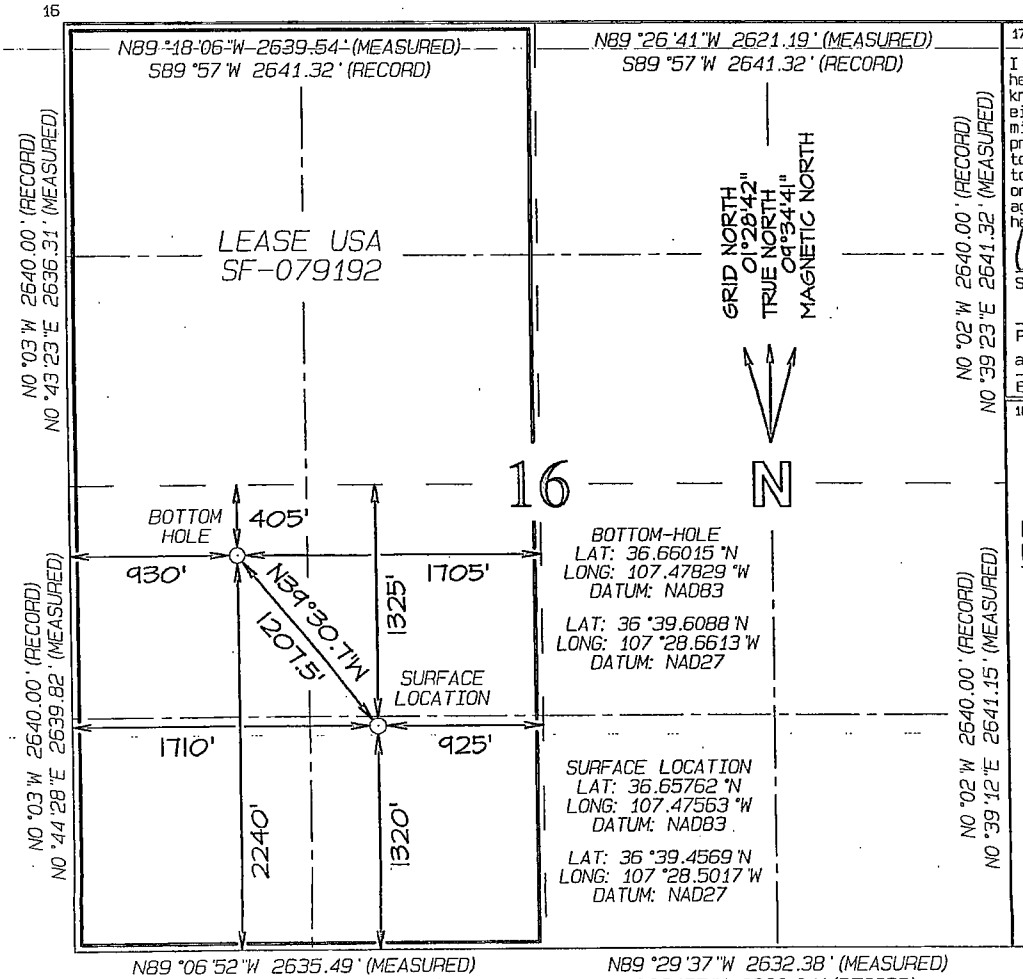
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	28N	6W		1320	SOUTH	1710	WEST	RIO ARRIBA

[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	16	28N	6W		2240	SOUTH	930	WEST	RIO ARRIBA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0 Acres - W/2 (MV) 320.0 Acres - W/2 (DK)			

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



[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.

Arleen White 12/11/13
Signature Date

Arleen White
Printed Name

arleen.r.white@conocophillips.com
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.

Date Revised: DECEMBER 5, 2013
Date of Survey: AUGUST 7, 2008

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 126M **DEVELOPMENT**

Lease:	AFE #: WAN.CDR.3031			AFE $:
Field Name: SAN JUAN	Rig: 2014 Pushing Rig 2 (MV/DK).	State: NM	County: RIO ARRIBA	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				**Straight Hole**
Latitude: 36.657615	Longitude: -107.475028	X:	Y:	Section: 16	Range: 006W
Footage X: 1710 FWL	Footage Y: 1320 FSL	Elevation: 6608 (FT)		Township: 028N	
Tolerance:					
Location: Bottom Hole	Datum Code: NAD 27				**Straight Hole**
Latitude: 36.660147	Longitude: -107.477688	X:	Y:	Section: 16	Range: 006W
Footage X: 930 FWL	Footage Y: 2240 FSL	Elevation: (FT)		Township: 028N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2014 Completion Date: Date In Operation:

Formation Data: Assume KB = 6623 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6423		☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	1203	5420		☐			
OJO ALAMO	2683	3940		☐			
KIRTLAND	2783	3840		☐			
FRUITLAND	3074	3549		☐			Possible Gas
PICTURED CLIFFS	3453	3170		☐			
LEWIS	3624	2999		☐			
Intermediate Casing	3948	2675		☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 942 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4079	2544		☐			
CHACRA	4429	2194		☐			
UPPER CLIFF HOUSE	5015	1608		☐			Gas; Est. Top Perf - 5503 (1652)
MASSIVE CLIFF HOUSE	5119	1504		☐	450		Gas; Cliffhouse is dry
MENEFEE	5289	1334		☐			
POINT LOOKOUT	5610	1013		☐			
MANCOS	6093	530		☐			
UPPER GALLUP	6859	-236		☐			
GREENHORN	7596	-973		☐			
GRANEROS	7656	-1033		☐			
TWO WELLS	7699	-1076		☐	2600		Gas
UPPER CUBERO	7804	-1181		☐			
LOWER CUBERO	7841	-1218		☐			

Printed on: 2/4/2014 12:14:28 PM

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 126M **DEVELOPMENT**

OAK CANYON	7895	-1272	☐		Est. Btm Perf 7898' TVD (15' from TD).
Total Depth	7913	-1290	☐	204	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC/BTC casing. Cement w/ 520 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7913	-1290	☐		TD - T/ENCN

Reference Wells:

Reference Type	Well Name	Comments

Logging Program:

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

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☑ Other

Mud log from ~100' above the Gallup to TD. Mud loggers will call final TD. Est bottom perf ~15' off bottom.

Additional Information:

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

ConocoPhillips SJBU

San Juan Basin - New Mexico Central Wells
San Juan 28 Wells
SJ 28-6 Unit #126M

Original Wellbore

Plan: Design #1

Standard Planning Report

13 January, 2014

ConocoPhillips

Planning Report

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well SJ 28-6 Unit #126M
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	**MD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Site:	San Juan 28 Wells	**North Reference:**	True
Well:	SJ 28-6 Unit #126M	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Design #1		

Project	San Juan Basin - New Mexico Central 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 Central 3002		Using geodetic scale factor

Site	San Juan 28 Wells, Township 28					
Site Position:		**Northing:**	2,045,688.53 usft	**Latitude:**		36° 36' 58.001 N
From:	Lat/Long	**Easting:**	147,261.04 usft	**Longitude:**		107° 27' 6.935 W
Position Uncertainty:	3.5 usft	**Slot Radius:**	6-1/8"	**Grid Convergence:**		-0.72 °

Well	SJ 28-6 Unit #126M					
Well Position	**+N/-S**	0.0 usft	**Northing:**	2,060,883.82 usft	**Latitude:**	36° 39' 27.414 N
	+E/-W	0.0 usft	**Easting:**	140,673.64 usft	**Longitude:**	107° 28' 30.102 W
Position Uncertainty		3.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,608.0 usft

Wellbore	Original Wellbore				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	BGGM2013	10/15/2013	9.52	63.40	50,432

Design	Design #1				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.0	0.0	0.0	319.75	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,550.0	25.00	319.75	1,510.7	204.9	-173.4	2.00	2.00	0.00	319.75	
3,349.0	25.00	319.75	3,141.1	785.1	-664.7	0.00	0.00	0.00	0.00	
4,182.3	0.00	0.00	3,948.3	921.7	-780.3	3.00	-3.00	0.00	180.00	
8,147.0	0.00	0.00	7,913.0	921.7	-780.3	0.00	0.00	0.00	0.00	SJ 28-6 Unit #126M -

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well SJ 28-6 Unit #126M
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	**MD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Site:	San Juan 28 Wells	**North Reference:**	True
Well:	SJ 28-6 Unit #126M	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Design #1		

Planned 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)
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
Surface CSG									
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	2.00	319.75	400.0	1.3	-1.1	1.7	2.00	2.00	0.00
500.0	4.00	319.75	499.8	5.3	-4.5	7.0	2.00	2.00	0.00
600.0	6.00	319.75	599.5	12.0	-10.1	15.7	2.00	2.00	0.00
700.0	8.00	319.75	698.7	21.3	-18.0	27.9	2.00	2.00	0.00
800.0	10.00	319.75	797.5	33.2	-28.1	43.5	2.00	2.00	0.00
900.0	12.00	319.75	895.6	47.8	-40.4	62.6	2.00	2.00	0.00
1,000.0	14.00	319.75	993.1	64.9	-55.0	85.1	2.00	2.00	0.00
1,100.0	16.00	319.75	1,089.6	84.7	-71.7	111.0	2.00	2.00	0.00
1,200.0	18.00	319.75	1,185.3	107.0	-90.6	140.2	2.00	2.00	0.00
1,300.0	20.00	319.75	1,279.8	131.9	-111.6	172.8	2.00	2.00	0.00
1,400.0	22.00	319.75	1,373.2	159.2	-134.8	208.6	2.00	2.00	0.00
1,500.0	24.00	319.75	1,465.2	189.0	-160.0	247.7	2.00	2.00	0.00
1,550.0	25.00	319.75	1,510.7	204.9	-173.4	268.4	2.00	2.00	0.00
1,600.0	25.00	319.75	1,556.0	221.0	-187.1	289.5	0.00	0.00	0.00
1,700.0	25.00	319.75	1,646.7	253.2	-214.4	331.8	0.00	0.00	0.00
1,800.0	25.00	319.75	1,737.3	285.5	-241.7	374.1	0.00	0.00	0.00
1,900.0	25.00	319.75	1,827.9	317.8	-269.0	416.3	0.00	0.00	0.00
2,000.0	25.00	319.75	1,918.6	350.0	-296.3	458.6	0.00	0.00	0.00
2,100.0	25.00	319.75	2,009.2	382.3	-323.6	500.8	0.00	0.00	0.00
2,200.0	25.00	319.75	2,099.8	414.5	-350.9	543.1	0.00	0.00	0.00
2,300.0	25.00	319.75	2,190.4	446.8	-378.2	585.4	0.00	0.00	0.00
2,400.0	25.00	319.75	2,281.1	479.0	-405.5	627.6	0.00	0.00	0.00
2,500.0	25.00	319.75	2,371.7	511.3	-432.8	669.9	0.00	0.00	0.00
2,600.0	25.00	319.75	2,462.3	543.5	-460.1	712.2	0.00	0.00	0.00
2,700.0	25.00	319.75	2,553.0	575.8	-487.4	754.4	0.00	0.00	0.00
2,800.0	25.00	319.75	2,643.6	608.1	-514.7	796.7	0.00	0.00	0.00
2,843.5	25.00	319.75	2,683.0	622.1	-526.6	815.1	0.00	0.00	0.00
Ojo									
2,900.0	25.00	319.75	2,734.2	640.3	-542.1	838.9	0.00	0.00	0.00
2,953.8	25.00	319.75	2,783.0	657.7	-556.7	861.7	0.00	0.00	0.00
Kirtland									
3,000.0	25.00	319.75	2,824.9	672.6	-569.4	881.2	0.00	0.00	0.00
3,100.0	25.00	319.75	2,915.5	704.8	-596.7	923.5	0.00	0.00	0.00
3,200.0	25.00	319.75	3,006.1	737.1	-624.0	965.7	0.00	0.00	0.00
3,274.9	25.00	319.75	3,074.0	761.2	-644.4	997.4	0.00	0.00	0.00
Fruitland									
3,300.0	25.00	319.75	3,096.8	769.3	-651.3	1,008.0	0.00	0.00	0.00
3,349.0	25.00	319.75	3,141.1	785.1	-664.7	1,028.7	0.00	0.00	0.00
3,400.0	23.47	319.75	3,187.7	801.1	-678.2	1,049.6	3.00	-3.00	0.00
3,500.0	20.47	319.75	3,280.4	829.7	-702.4	1,087.0	3.00	-3.00	0.00
3,600.0	17.47	319.75	3,374.9	854.5	-723.4	1,119.5	3.00	-3.00	0.00
3,681.3	15.03	319.75	3,453.0	871.8	-738.1	1,142.3	3.00	-3.00	0.00
Pictured Cliffs									
3,700.0	14.47	319.75	3,471.1	875.5	-741.1	1,147.1	3.00	-3.00	0.00
3,800.0	11.47	319.75	3,568.5	892.6	-755.6	1,169.5	3.00	-3.00	0.00
3,856.5	9.78	319.75	3,624.0	900.5	-762.4	1,179.9	3.00	-3.00	0.00
Lewis									
3,900.0	8.47	319.75	3,667.0	905.8	-766.8	1,186.8	3.00	-3.00	0.00

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well SJ 28-6 Unit #126M
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	**MD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Site:	San Juan 28 Wells	**North Reference:**	True
Well:	SJ 28-6 Unit #126M	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Design #1		

Planned 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)
4,000.0	5.47	319.75	3,766.2	915.1	-774.7	1,198.9	3.00	-3.00	0.00
4,100.0	2.47	319.75	3,866.0	920.4	-779.1	1,205.9	3.00	-3.00	0.00
4,182.3	0.00	0.00	3,948.3	921.7	-780.3	1,207.6	3.00	-3.00	0.00
Intermediate CSG									
4,200.0	0.00	0.00	3,966.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,300.0	0.00	0.00	4,066.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,313.0	0.00	0.00	4,079.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Huerfanito Bentonite									
4,400.0	0.00	0.00	4,166.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,266.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,366.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,663.0	0.00	0.00	4,429.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Chacra									
4,700.0	0.00	0.00	4,466.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,566.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,666.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,766.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,100.0	0.00	0.00	4,866.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,200.0	0.00	0.00	4,966.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,249.0	0.00	0.00	5,015.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Upper Cliffhouse									
5,300.0	0.00	0.00	5,066.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,353.0	0.00	0.00	5,119.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Mass. Cliffhouse									
5,400.0	0.00	0.00	5,166.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,266.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,523.0	0.00	0.00	5,289.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Menefee									
5,600.0	0.00	0.00	5,366.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,466.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,566.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
5,844.0	0.00	0.00	5,610.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Point Lookout									
5,900.0	0.00	0.00	5,666.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,766.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,100.0	0.00	0.00	5,866.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,200.0	0.00	0.00	5,966.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,066.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,327.0	0.00	0.00	6,093.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Mancos									
6,400.0	0.00	0.00	6,166.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,266.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,366.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,466.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,566.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,666.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,766.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,093.0	0.00	0.00	6,859.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Upper Gallup									
7,100.0	0.00	0.00	6,866.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,200.0	0.00	0.00	6,966.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,066.0	921.7	-780.3	1,207.6	0.00	0.00	0.00

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well SJ 28-6 Unit #126M
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	**MD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Site:	San Juan 28 Wells	**North Reference:**	True
Well:	SJ 28-6 Unit #126M	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Design #1		

Planned 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)
7,400.0	0.00	0.00	7,166.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,266.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,366.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,466.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,566.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,830.0	0.00	0.00	7,596.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Greenhorn									
7,890.0	0.00	0.00	7,656.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Graneros									
7,900.0	0.00	0.00	7,666.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
7,933.0	0.00	0.00	7,699.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Two Wells									
8,000.0	0.00	0.00	7,766.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
8,038.0	0.00	0.00	7,804.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Upper Cubero									
8,075.0	0.00	0.00	7,841.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Lower Cubero									
8,100.0	0.00	0.00	7,866.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
8,129.0	0.00	0.00	7,895.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Oak Canyon									
8,147.0	0.00	0.00	7,913.0	921.7	-780.3	1,207.6	0.00	0.00	0.00
Encinal - Production CSG									

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SJ 28-6 Unit #126M - BH - plan hits target center - Point	0.00	0.00	7,913.0	921.7	-780.3	2,061,815.47	139,905.16	36° 39' 36.528 N	107° 28' 39.678 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
200.0	200.0	Surface CSG	9-5/8	12-1/4
4,182.3	3,948.3	Intermediate CSG	7	8-3/4
8,147.0	7,913.0	Production CSG	4-1/2	6-1/4

Database:	EDM Central Planning	**Local Co-ordinate Reference:**	Well SJ 28-6 Unit #126M
Company:	ConocoPhillips SJBU	**TVD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico Central Wells	**MD Reference:**	WELL @ 6623.0usft (Original Well Elev)
Site:	San Juan 28 Wells	**North Reference:**	True
Well:	SJ 28-6 Unit #126M	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Wellbore		
Design:	Design #1		

Formations

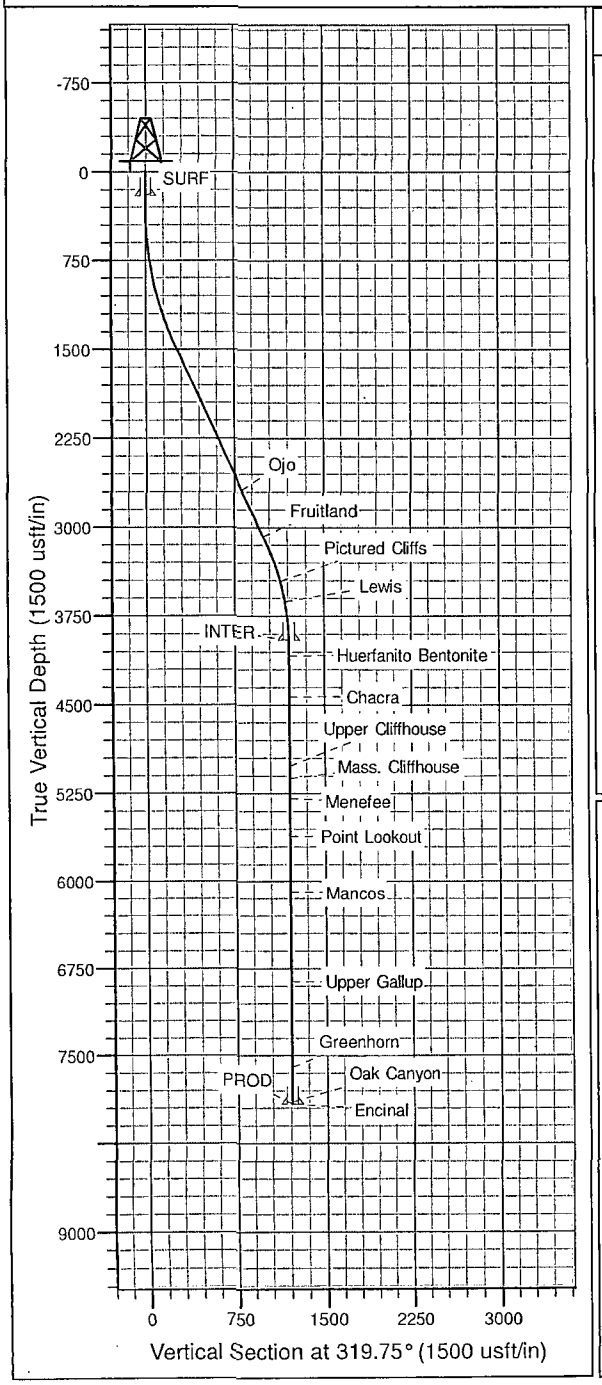
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,681.3	3,453.0	Pictured Cliffs		0.00	
8,129.0	7,895.0	Oak Canyon		0.00	
6,327.0	6,093.0	Mancos		0.00	
7,830.0	7,596.0	Greenhorn		0.00	
3,856.5	3,624.0	Lewis		0.00	
2,953.8	2,783.0	Kirtland		0.00	
5,844.0	5,610.0	Point Lookout		0.00	
5,353.0	5,119.0	Mass. Cliffhouse		0.00	
4,663.0	4,429.0	Chacra		0.00	
8,147.0	7,913.0	Encinal		0.00	
7,890.0	7,656.0	Graneros		0.00	
8,075.0	7,841.0	Lower Cubero		0.00	
7,093.0	6,859.0	Upper Gallup		0.00	
2,843.5	2,683.0	Ojo		0.00	
3,274.9	3,074.0	Fruitland		0.00	
8,038.0	7,804.0	Upper Cubero		0.00	
5,249.0	5,015.0	Upper Cliffhouse		0.00	
7,933.0	7,699.0	Two Wells		0.00	
4,313.0	4,079.0	Huerfanito Bentonite		0.00	
5,523.0	5,289.0	Menefee		0.00	

REFERENCE INFORMATION	Project: San Juan Basin - New Mexico Central
WELL @ 6623.0usft (Original Well Elev)	Site: San Juan 28 Wells
Ground Elevation 6608.0	Well: SJ 28-6 Unit #126M
Reference Lat: 36° 39' 27.414 N	Wellbore: Original Wellbore
Reference Long: 107° 28' 30.102 W	Design: Design #1

ConocoPhillips

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	1550.0	25.00	319.75	1510.7	204.9	-173.4	2.00	319.75	268.4	
4	3349.0	25.00	319.75	3141.1	785.1	-664.7	0.00	0.00	1028.7	
5	4182.3	0.00	0.00	3948.3	921.7	-780.3	3.00	180.00	1207.6	
6	8147.0	0.00	0.00	7913.0	921.7	-780.3	0.00	0.00	1207.6	SJ 28-6 Unit #126M - BHL

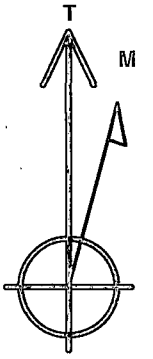


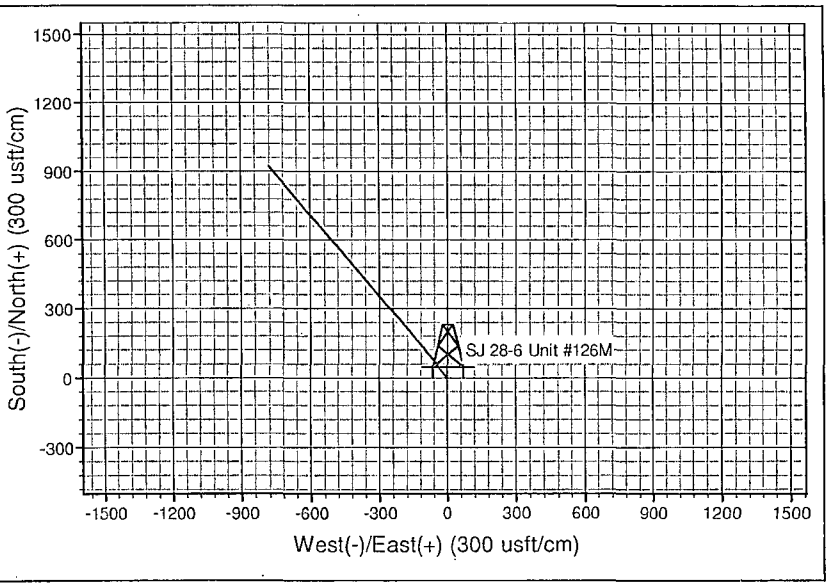
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2683.0	2843.5	Ojo
2783.0	2953.8	Kirtland
3074.0	3274.9	Fruitland
3453.0	3681.3	Pictured Cliffs
3624.0	3856.5	Lewis
4079.0	4313.0	Huerfanito Bentonite
4429.0	4663.0	Chacra
5015.0	5249.0	Upper Cliffhouse
5119.0	5353.0	Mass. Cliffhouse
5289.0	5523.0	Menefee
5610.0	5844.0	Point Lookout
6093.0	6327.0	Mancos
6859.0	7093.0	Upper Gallup
7596.0	7830.0	Greenhorn
7656.0	7890.0	Graneros
7699.0	7933.0	Two Wells
7804.0	8038.0	Upper Cubero
7841.0	8075.0	Lower Cubero
7895.0	8129.0	Oak Canyon
7913.0	8147.0	Encinal

Azimuths to True North
Magnetic North: 9.52°

Magnetic Field
Strength: 50432.1snT
Dip Angle: 63.40°
Date: 10/15/2013
Model: BGGM2013





F. All construction materials will consist of native borrow and subsoil accumulated during road construction. If additional fill or surfacing material is required, it will be obtained from existing permitted or private sources and will be hauled in by trucks over existing Resource roads to the area.

G. For well pad cut and fill see Sheet F.

H. As determined during the onsite on 12/19/13, the following best management practices will be implemented:

1. Plans are to lower well pad for fill material.

I. Construction equipment may include chain saws, a brush hog, scraper, maintainer, excavator, hydraulic mulcher, chippers and dozer. Construction of the resource road and well pad will take approximately 2 to 4 weeks.

J. The resource road and/or well pad is on-lease so no additional ROW will be required.

Construction contractors will call New Mexico One-Call (or equivalent) to identify the location of any marked or unmarked pipeline or cables located in proximity to the proposed resource road and well pad at least two working days prior to ground disturbance.

K. All operations will be conducted in such a manner that full compliance is made with the applicable laws and regulations, the Application for Permit to Drill, and applicable Notice(s) to Lessees.

VII. Methods for Handling Waste

A. Cuttings, Drilling Fluids, and Flowback Water - The drill cuttings, drill water and completion fluids will be placed in a lined reserve. The pit will be lined with 20m gage pit liner. The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out. The free fluids will be removed after completion or may be trucked and reused in drilling operations or trucked to an approved disposal facility as indicated in ConocoPhillips Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office in Aztec, NM.

B. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash container during drilling and completion

BURLINGTON
RESOURCES

Operator Certification

Operator Information:

Burlington Resources Oil & Gas, LP
P.O. Box 4289
Farmington, NM 87499-4289
505-326-9700

Certification:

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provision of 18 U.S.C. 1001 for the filing of false statements.

Executed this 4th day of February, 2014.

Arleen White

Arleen White
Staff Regulatory Technician
On behalf of Heather McDaniel and Doug Elston

The person who can be contacted concerning compliance of the APD is:

Heather McDaniel,
Regulatory Supervisor
ConocoPhillips Company
P.O. Box 4289
Farmington, NM 87499-4289
505-326-9507

The Field Representative who can be contacted concerning compliance of the enclosed Surface Use Plan is:

Doug Elston,
Supt. Capital Projects
ConocoPhillips Company
P.O. Box 4289
Farmington, NM 87499-4289
505-599-4004

Directions from the Intersection of US Hwy 550 South & US Hwy 64 in Bloomfield, NM

to Burlington Resources Oil & Gas Company San Juan 28-6 Unit #126M

1320' FSL & 1710' FWL, Section 16, T28N, R6W, N.M.P.M., Rio Arriba County, NM

Latitude: 36.65762°N Longitude: 107.47563°W Datum: NAD1983

From the intersection of US Hwy 550 South & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 31.9 miles to the San Juan 29-6 Water Well #1 @ Milepost 96.3;

Go right (South-easterly) on Trunk-L Road for 2.0 miles to fork in road;

Go right (South-westerly) for 1.3 miles to fork in road at top of Snake Hill;

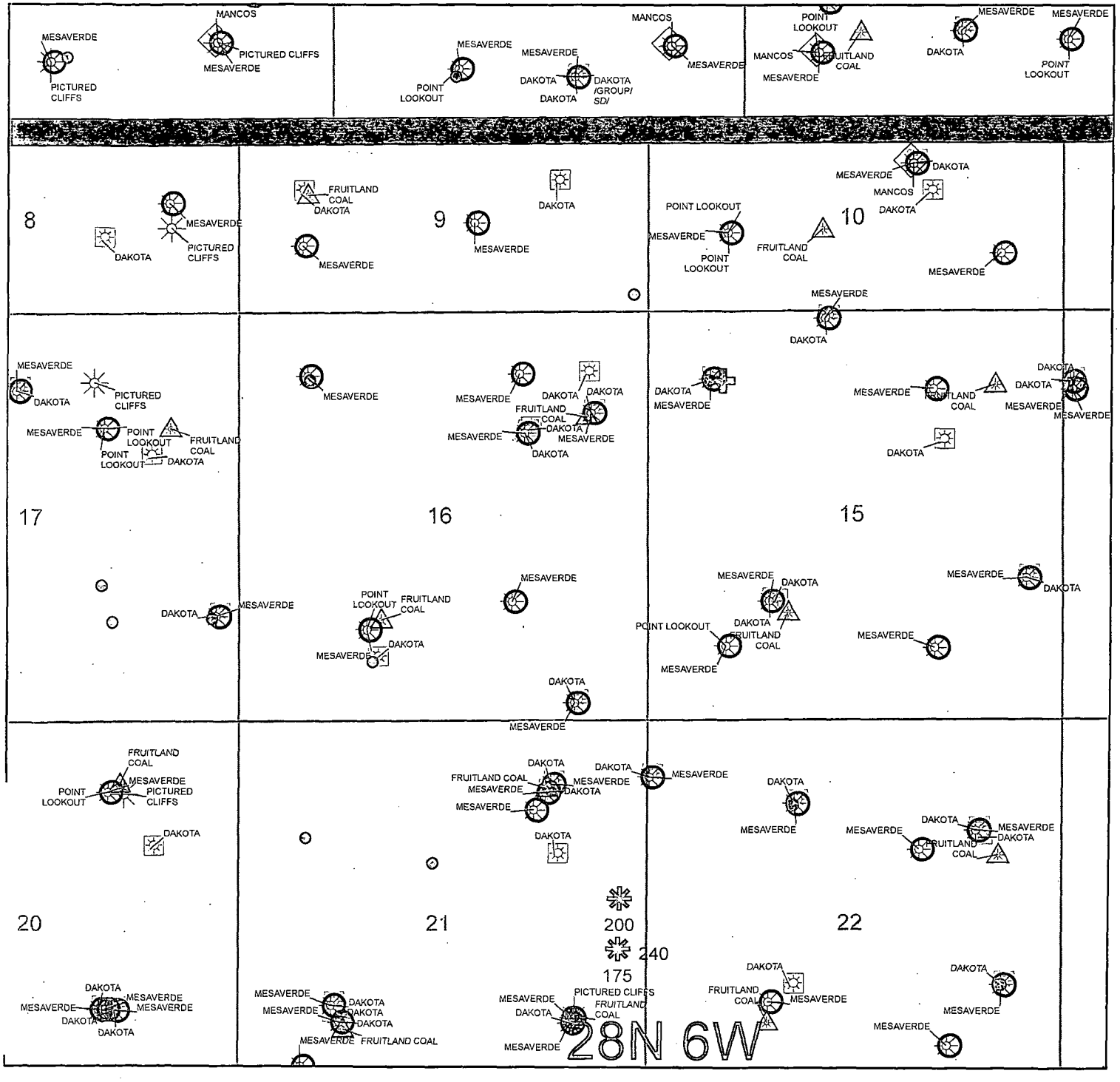
Go right (North-westerly) for 0.6 miles to fork in road;

Go left (South-westerly) for 0.1 miles to fork in road;

Go right which is straight (South-westerly) for 0.6 miles to fork in road;

Go right (Westerly) for 0.2 miles to staked location which overlaps an existing wellpad.

Title



Sheet D

ConocoPhillips

San Juan 28-6 Unit 126M

Map 1A

Sec 16, T28N, 6W

Author: | Title: Date: 2/4/2014

Compiled by: | Scale:

1:21,156

NAD_1927_StatePlane_New_Mexico_West_FIPS_3003
GCS_North_American_1927

0 1,450 2,900 Feet

N