

We have several wells that are in APD status and have never been approved. Email with Pasty stated Brandie Blakley would look into these wells and get back with us dated 01/30/2011.

Please let us know what ConocoPhillip's position is in regards to the list of APDs.

OIL CONS. DIV DIST. 3  
OCT 03 2016

I found these records in my system and I am looking for file:

Lively #21P submitted 02/26/2013 API: 30-039-31188 – **Can be cancelled**

San Juan 29-7 Unit #520S submitted 09/13/2006 API: Unknown (maybe it is a moved well?)

**API# 30-039-29816 – Well was spud 10/31/2006 and 1<sup>st</sup> Delivered 1/5/2007**

Tommy Bolack #1P submitted 11/08/2012 API: unknown

**API# 30-045-35436 – Well was spud 3/4/2013 and 1<sup>st</sup> Delivered 10/8/2014**

Heaton Com A #101 submitted 03/03/2010 API: unknown – **Can be cancelled**

I have well files for these:

Huerfano Unit HZDK #1H submitted 12/19/2014 API: 30-045-35626 – **Request APD be processed**

Lively #6N submitted 02/26/2013 API: 30-045-35463 – **Can be cancelled**

Nye #10P submitted 02/25/2013 API: 30-045-35464 – **Can be cancelled**

Rock Island #1M submitted 02/26/2013 API: 30-045-35464 – **Can be cancelled**

✓ Michener #1N submitted 02/26/2013 API: 30-045-35462 – **Can be cancelled**

10-25-16  
N

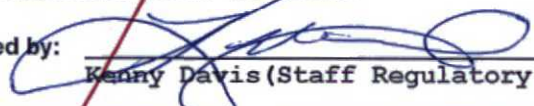
San Juan 32-7 Unit #63N submitted 11/21/08 API: 30-045-34852 – **Can be cancelled**

San Juan 31-6 Unit #36F submitted 08/03/2007 API: 30-039-30313 – **Can be cancelled**

San Juan 31-6 Unit #39F submitted 04/18/2007 API: 30-039-30249 – **Can be cancelled**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-077107 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>ConocoPhillips</b> Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Michener 9. Well Number 1N
4. Location of Well Surface: Unit B(NW/NE), 842' FNL & 1818' FEL BHL : Unit G(SW/NE), 1930' FNL & 2050' FEL  Surface: Latitude: 36.637878° N (NAD83) Longitude: 107.791225° W Surface: Latitude: 36.634888° N (NAD83) Longitude: 107.792001° W	10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 28, T28N, R9W BHL : Sec. 28, T28N, R9W  API # 30-045- <b>35462</b>
14. Distance in Miles from Nearest Town 21.6 From: Bloomfield, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 700'	17. Acres Assigned to Well 320.00 N/2
16. Acres in Lease 783.220	
18. Distance from Proposed Location to Nearest Well, Drfg, Compl, or Applied for on this Lease 51' From: Michener 1E (Basin DK well)	
19. Proposed Depth 7063	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6353' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by:  Kenny Davis (Staff Regulatory Technician)	2/25/13 Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ 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

NMOCD



## 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

RECEIVED

Form C-102

Revised July 16, 2010

Submit one copy to appropriate  
District Office

FEB 26 2013

Farmington Field Office  
Bureau of Land Management

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-		<sup>2</sup> Pool Code 71599/72319		<sup>3</sup> Pool Name Blanco BASIN DAKOTA / MESAVERDE	
<sup>4</sup> Property Code 31825		<sup>5</sup> Property Name MICHERNER			<sup>6</sup> Well Number 1N
<sup>7</sup> OGRID No. 217817		<sup>8</sup> Operator Name CONOCOPHILLIPS COMPANY			<sup>9</sup> Elevation 6353

<sup>10</sup> SURFACE LOCATION


UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	28	28-N	9-W		842	NORTH	1818	EAST	SAN JUAN

<sup>11</sup> 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
G	28	28-N	9-W		1930	NORTH	2050	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres 320.0 N/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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

<sup>16</sup> N/2 DEDICATED ACREAGE  WELL FLAG NAD 83 LAT: 36.637878° N LONG: 107.791225° W NAD 27 LAT: 36°38.272304' N LONG: 107°47.436593' W  BOTTOM HOLE NAD 83 LAT: 36.634888° N LONG: 107.792001° W NAD 27 LAT: 36°38.092868' N LONG: 107°47.483156' W  SECTION 28, T-28-N, R-9-W  BASIS OF BEARING IS GRID NORTH, NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 DERIVED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.  GLO 1916	S 89°56' W S 89°44'04" W 842' 1818' 2633.4' (R) 2650.7' (M) 2639.3' (M) 2640.0' (R) 1930' S 11°47'18" W 1112.3' 2050' N 0°15'49" W N 0°02' W GLO 1916	<sup>17</sup> 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 <u>Brandie Blakley</u> Date <u>1/22/11</u> Printed Name <u>Brandie Blakley</u> Email Address <u>blaklbn@conocophillips.com</u>
	<sup>18</sup> 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: <u>10/26/2010</u> Signature and Seal of Professional Surveyor:  Certificate Number: <u>NM 11393</u>	



# CONOCOPHILLIPS COMPANY

MICHENER 1N

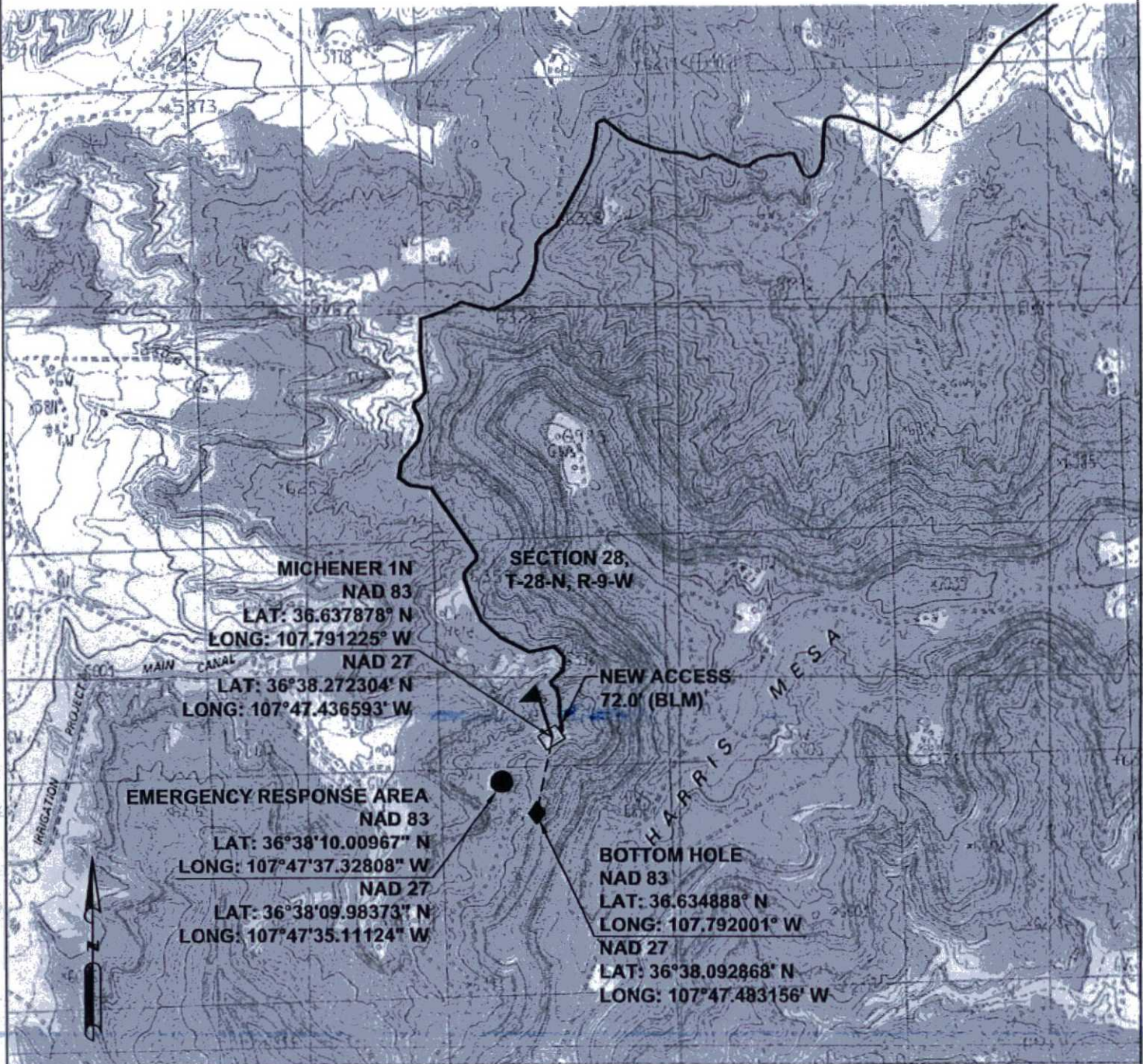
842' FNL, 1818' FEL

SECTION 28, T-28-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6353 NAVD88

NEW ACCESS 72.0'



NOTE:

REVISIONS			
NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUED FOR REVIEW	TJR	10/26/10

**CCI**

P.O. BOX 328  
BLOOMFIELD, NM, 87413  
PHONE: (505) 325-7707

**CHENAULT CONSULTING INC.**



WO NO. \_\_\_\_\_

RW NO. 1170022

DATE 01/10/11

SCALE  $1'' = 1000'$

SCALE \_\_\_\_\_  
SURVEYED 12/29/10

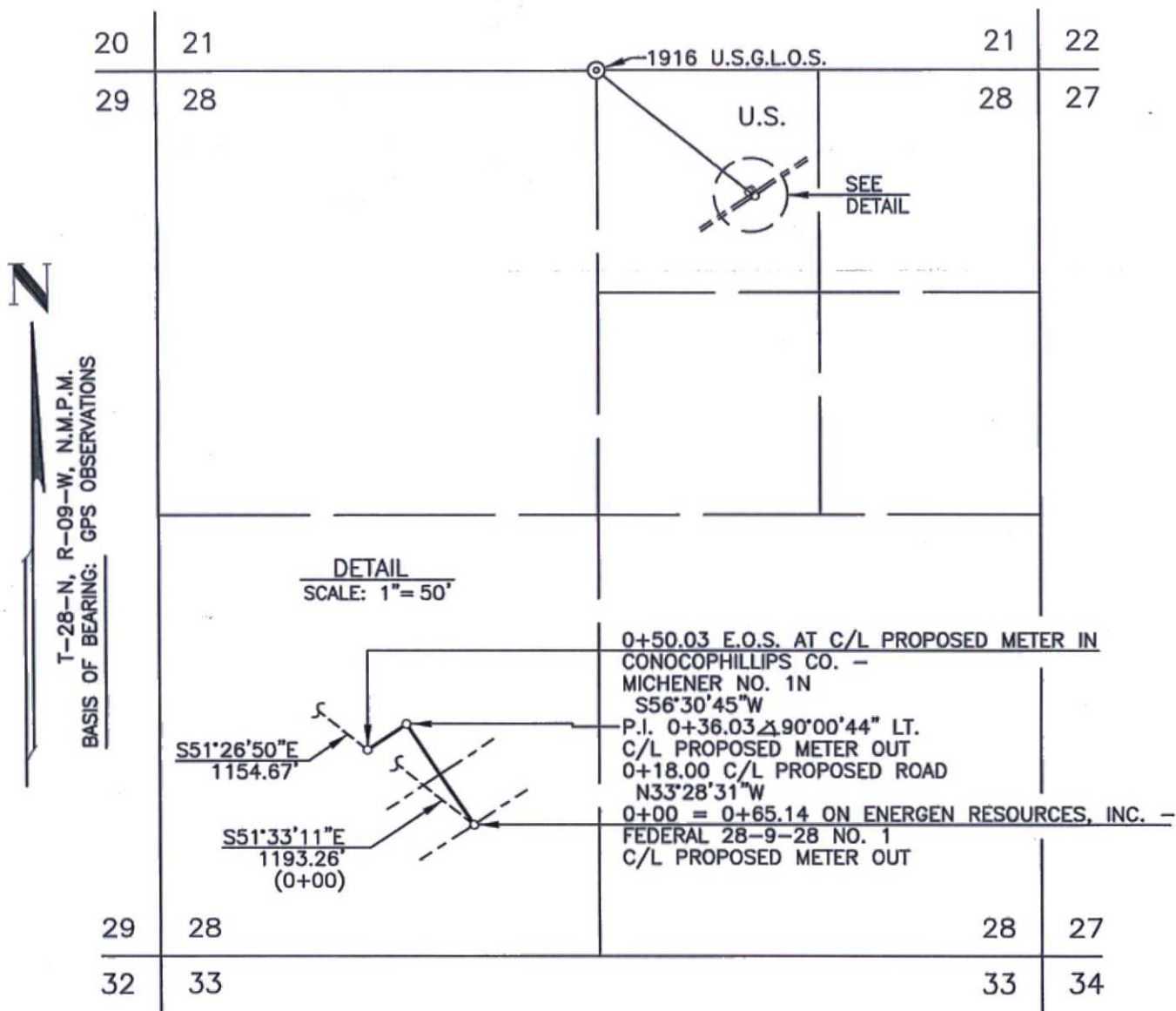
RANGE 09-W, N.M.P.M.

LINE CONOCOPHILLIPS CO. — MICHENER NO. 1N

FROM 0+00 = 0+65.14 ON ENERGEN RESOURCES, INC. - FEDERAL 28-9-28 NO. 1

(BLF001-022-01, R/W NO.)(MC NO.)

COUNTY SAN JUAN STATE NEW MEXICO SECTION 28 TOWNSHIP 28-N RANGE 09-W, N.M.P.M.



DWN. BY LB CONSTR. COMMENCED \_\_\_\_\_ APPL. DWG. \_\_\_\_\_ SLACK CHAIN \_\_\_\_\_  
CKD. BY MD CONSTR. COMPLETED \_\_\_\_\_ DATE \_\_\_\_\_ PIPE SIZE 4.50" O.D.

PRINT RECORD	PIPE DATA	METER STA. NO.	MV/DK
--------------	-----------	----------------	-------

1	PRELIM PROD	02/11/11	
7	SJ DISTRIB	03/10/11	NOTE: WELL FLAG

NOTE: WELL FLAG  
RELOCATION EXISTING METER TO PROPOSED LOCATION & PROPOSED PARALLEL  
METER SET APPROX. 100' REROUTE & 50' OF NEW SURVEY  
LOCATION NOT BUILT

SURFACE LOCATION: 842' FNL, 1818' FEL

SUBDIVISION	OWNER	LESSEE	METER(S)	RODS	ACRE(S)
NW/4NE/4 SEC. 28	UNITED STATES	CODY E. LEE		3.032	0.046

FM24 (Rev. 1/99)

3LF001-023-01

REV.	OWNERSHIP
------	-----------

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MICHENER 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0085				AFE \$:	
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:	
<b>Primary Objective (Zones):</b>							
Zone	Zone Name						
R20002	MESAVERDE(R20002)						
FRR	BASIN DAKOTA (PRORATED GAS)						
<b>Location: Surface</b> Datum Code: NAD 27 <b>Directional</b>							
Latitude: 36.637871	Longitude: -107.790609	X:	Y:	Section: 28	Range: 009W		
Footage X: 1818 FEL	Footage Y: 842 FNL	Elevation: 6353	(FT)	Township: 028N			
Tolerance:							
<b>Location: Bottom Hole</b> Datum Code: NAD 27 <b>Directional</b>							
Latitude: 36.634881	Longitude: -107.791385	X:	Y:	Section: 28	Range: 009W		
Footage X: 2050 FEL	Footage Y: 1930 FNL	Elevation:	(FT)	Township: 028N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2014		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6368		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SAN JOSE	15	6353	15	<input type="checkbox"/>			Ground water at md: 360' ss: 6474' in Storey C 11 (28n 9w 34).
Surface Casing	200	6168	200	<input type="checkbox"/>		53	12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 94 cuft. Circulate cement to surface.
OJO ALAMO	1523	4845	1559	<input type="checkbox"/>			
KIRTLAND	1642	4726	1687	<input type="checkbox"/>			
FRUITLAND	2110	4258	1808	<input type="checkbox"/>		90	Possible Gas
PICTURED CLIFFS	2546	3822	2617	<input type="checkbox"/>	128		Lost 150 bls Hancock B 9R (28n 9w 28)
LEWIS	2671	3697	2752	<input type="checkbox"/>			
CHACRA	3507	2861	3616	<input type="checkbox"/>		117	
MASSIVE CLIFF HOUSE	4192	2176	4321	<input type="checkbox"/>	549		Gas
MENEFEE	4229	2139	4370	<input type="checkbox"/>		132	Lost 170 bls in Storey C LS 13M (28n 9w 33).
Intermediate Casing	4377	1991	4522	<input type="checkbox"/>		132	8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 952 cuft. Circulate cement to surface.
POINT LOOKOUT	4824	1544	4969	<input type="checkbox"/>			
MANCOS	5157	1211	5302	<input type="checkbox"/>			
UPPER GALLUP	5990	378	6135	<input type="checkbox"/>		166	Lost 405 bls in Blanco Wash Fed 2M (28n 9w 34)
GREENHORN	6765	-397	6910	<input type="checkbox"/>			
GRANEROS	6828	-460	6973	<input type="checkbox"/>			
TWO WELLS	6886	-518	7031	<input type="checkbox"/>	1900	184	Gas
PAGUATE	6940	-572	7085	<input type="checkbox"/>			Gas
CUBERO	7001	-633		<input type="checkbox"/>			Gas - Bottom perf 7053'



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

## MICHENER 1N

## DEVELOPMENT

Total Depth	7063	-695	7274	<input type="checkbox"/>	187	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, BTC/LTC casing. Cement w/ 370 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7063	-695		<input type="checkbox"/>		07/10/12 - air TD @ T/Encn rather than 66' into it. Offset, 1E, has wet Encn & is inactive
BURRO CANYON	7134	-766	7279	<input type="checkbox"/>		
MORRISON	7181	-813	7326	<input type="checkbox"/>	189	

### Reference Wells:

Reference Type	Well Name	Comments
Production	MICHENER 1	

### Logging Program:

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

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

GR CBL  
Mud log ~100' above Gallup down to TD.  
Mudlogger will call TD.  
Bottom perf ~10' above TD.

### Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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# **ConocoPhillips SJB**

**San Juan Basin - New Mexico West Wells**

**Other Named Wells**

**Michener 1N**

**Wellbore #1**

**Plan: Design #1**

## **Standard Planning Report**

**18 February, 2013**



# ConocoPhillips

## Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well Michener 1N
Company:	ConocoPhillips SJB	TVD Reference:	KB @ 6353.0usft (Original Well Elev)
Project:	San Juan Basin - New Mexico West Wells	MD Reference:	KB @ 6353.0usft (Original Well Elev)
Site:	Other Named Wells	North Reference:	Grid
Well:	Michener 1N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #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:	2,108,178.26usft
From:	Lat/Long	Easting:	643,887.63usft
Position Uncertainty:	15.0 usft	Slot Radius:	6-1/8"
		Latitude:	36° 47' 33.793 N
		Longitude:	107° 20' 30.932 W
		Grid Convergence:	0.29°

Well	Michener 1N		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	2.0 usft	Wellhead Elevation:	usft
		Latitude:	36° 38' 16.338 N
		Longitude:	107° 47' 26.196 W
		Ground Level:	6,353.0usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2012	2/15/2013	9.69
			Dip Angle
			(°)
			63.31
			Field Strength
			(nT)
			50,453

Design	Design #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			191.79

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
310.0	0.00	0.00	310.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,322.8	20.26	191.79	1,301.9	-173.4	-36.2	2.00	2.00	0.00	191.79	
3,682.7	20.26	191.79	3,515.8	-973.2	-203.1	0.00	0.00	0.00	0.00	
4,357.9	0.00	0.00	4,177.0	-1,088.9	-227.2	3.00	-3.00	0.00	180.00	
4,557.9	0.00	0.00	4,377.0	-1,088.9	-227.2	0.00	0.00	0.00	0.00 ICP	
7,243.9	0.00	0.00	7,063.0	-1,088.9	-227.2	0.00	0.00	0.00	0.00	



# ConocoPhillips Planning Report

Database: EDM Central Planning  
Company: ConocoPhillips SJB  
Project: San Juan Basin - New Mexico West Wells  
Site: Other Named Wells  
Well: Michener 1N  
Wellbore: Wellbore #1  
Design: Design #1

Local Co-ordinate Reference: Well Michener 1N  
TVD Reference: KB @ 6353.0usft (Original Well Elev)  
MD Reference: KB @ 6353.0usft (Original Well Elev)  
North Reference: Grid  
Survey Calculation Method: Minimum Curvature

## 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
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
310.0	0.00	0.00	310.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	1.80	191.79	400.0	-1.4	-0.3	1.4	2.00	2.00	0.00
500.0	3.80	191.79	499.9	-6.2	-1.3	6.3	2.00	2.00	0.00
600.0	5.80	191.79	599.5	-14.4	-3.0	14.7	2.00	2.00	0.00
700.0	7.80	191.79	698.8	-25.9	-5.4	26.5	2.00	2.00	0.00
800.0	9.80	191.79	797.6	-40.9	-8.5	41.8	2.00	2.00	0.00
900.0	11.80	191.79	895.8	-59.3	-12.4	60.5	2.00	2.00	0.00
1,000.0	13.80	191.79	993.3	-81.0	-16.9	82.7	2.00	2.00	0.00
1,100.0	15.80	191.79	1,090.0	-106.0	-22.1	108.2	2.00	2.00	0.00
1,200.0	17.80	191.79	1,185.8	-134.2	-28.0	137.1	2.00	2.00	0.00
1,300.0	19.80	191.79	1,280.4	-165.8	-34.6	169.4	2.00	2.00	0.00
1,322.8	20.26	191.79	1,301.9	-173.4	-36.2	177.2	2.00	2.00	0.00
1,400.0	20.26	191.79	1,374.3	-199.6	-41.7	203.9	0.00	0.00	0.00
1,500.0	20.26	191.79	1,468.1	-233.5	-48.7	238.5	0.00	0.00	0.00
1,600.0	20.26	191.79	1,561.9	-267.4	-55.8	273.1	0.00	0.00	0.00
1,700.0	20.26	191.79	1,655.7	-301.3	-62.9	307.8	0.00	0.00	0.00
1,800.0	20.26	191.79	1,749.5	-335.2	-69.9	342.4	0.00	0.00	0.00
1,900.0	20.26	191.79	1,843.3	-369.1	-77.0	377.0	0.00	0.00	0.00
2,000.0	20.26	191.79	1,937.2	-403.0	-84.1	411.6	0.00	0.00	0.00
2,100.0	20.26	191.79	2,031.0	-436.8	-91.2	446.3	0.00	0.00	0.00
2,200.0	20.26	191.79	2,124.8	-470.7	-98.2	480.9	0.00	0.00	0.00
2,300.0	20.26	191.79	2,218.6	-504.6	-105.3	515.5	0.00	0.00	0.00
2,400.0	20.26	191.79	2,312.4	-538.5	-112.4	550.1	0.00	0.00	0.00
2,500.0	20.26	191.79	2,406.2	-572.4	-119.5	584.7	0.00	0.00	0.00
2,600.0	20.26	191.79	2,500.0	-606.3	-126.5	619.4	0.00	0.00	0.00
2,700.0	20.26	191.79	2,593.9	-640.2	-133.6	654.0	0.00	0.00	0.00
2,800.0	20.26	191.79	2,687.7	-674.1	-140.7	688.6	0.00	0.00	0.00
2,900.0	20.26	191.79	2,781.5	-708.0	-147.7	723.2	0.00	0.00	0.00
3,000.0	20.26	191.79	2,875.3	-741.9	-154.8	757.9	0.00	0.00	0.00
3,100.0	20.26	191.79	2,969.1	-775.8	-161.9	792.5	0.00	0.00	0.00
3,200.0	20.26	191.79	3,062.9	-809.7	-169.0	827.1	0.00	0.00	0.00
3,300.0	20.26	191.79	3,156.7	-843.6	-176.0	861.7	0.00	0.00	0.00
3,400.0	20.26	191.79	3,250.6	-877.4	-183.1	896.3	0.00	0.00	0.00
3,500.0	20.26	191.79	3,344.4	-911.3	-190.2	931.0	0.00	0.00	0.00
3,600.0	20.26	191.79	3,438.2	-945.2	-197.3	965.6	0.00	0.00	0.00
3,682.7	20.26	191.79	3,515.8	-973.2	-203.1	994.2	0.00	0.00	0.00
3,700.0	19.74	191.79	3,532.0	-979.0	-204.3	1,000.1	3.00	-3.00	0.00
3,800.0	16.74	191.79	3,627.0	-1,009.7	-210.7	1,031.4	3.00	-3.00	0.00
3,900.0	13.74	191.79	3,723.5	-1,035.4	-216.1	1,057.7	3.00	-3.00	0.00
4,000.0	10.74	191.79	3,821.2	-1,056.1	-220.4	1,078.9	3.00	-3.00	0.00
4,100.0	7.74	191.79	3,919.9	-1,071.9	-223.7	1,094.9	3.00	-3.00	0.00
4,200.0	4.74	191.79	4,019.3	-1,082.5	-225.9	1,105.8	3.00	-3.00	0.00
4,300.0	1.74	191.79	4,119.1	-1,088.0	-227.1	1,111.5	3.00	-3.00	0.00
4,357.9	0.00	0.00	4,177.0	-1,088.9	-227.2	1,112.3	3.00	-3.00	0.00
4,400.0	0.00	0.00	4,219.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
4,500.0	0.00	0.00	4,319.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
4,557.9	0.00	0.00	4,377.0	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
4,600.0	0.00	0.00	4,419.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
4,700.0	0.00	0.00	4,519.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
4,800.0	0.00	0.00	4,619.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00



# ConocoPhillips

## Planning Report

**Database:** EDM Central Planning  
**Company:** ConocoPhillips SJB  
**Project:** San Juan Basin - New Mexico West Wells  
**Site:** Other Named Wells  
**Well:** Michener 1N  
**Wellbore:** Wellbore #1  
**Design:** Design #1

**Local Co-ordinate Reference:** Well Michener 1N  
**TVD Reference:** KB @ 6353.0usft (Original Well Elev)  
**MD Reference:** KB @ 6353.0usft (Original Well Elev)  
**North Reference:** Grid  
**Survey Calculation Method:** Minimum Curvature

### 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)
4,900.0	0.00	0.00	4,719.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,000.0	0.00	0.00	4,819.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,100.0	0.00	0.00	4,919.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,200.0	0.00	0.00	5,019.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,300.0	0.00	0.00	5,119.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,400.0	0.00	0.00	5,219.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,500.0	0.00	0.00	5,319.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,600.0	0.00	0.00	5,419.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,700.0	0.00	0.00	5,519.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,800.0	0.00	0.00	5,619.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
5,900.0	0.00	0.00	5,719.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,000.0	0.00	0.00	5,819.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,100.0	0.00	0.00	5,919.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,200.0	0.00	0.00	6,019.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,300.0	0.00	0.00	6,119.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,400.0	0.00	0.00	6,219.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,500.0	0.00	0.00	6,319.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,600.0	0.00	0.00	6,419.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,700.0	0.00	0.00	6,519.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,800.0	0.00	0.00	6,619.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
6,900.0	0.00	0.00	6,719.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
7,000.0	0.00	0.00	6,819.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
7,100.0	0.00	0.00	6,919.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
7,200.0	0.00	0.00	7,019.1	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00
7,243.9	0.00	0.00	7,063.0	-1,088.9	-227.2	1,112.3	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
ICP	0.00	0.00	4,377.0	-1,088.9	-227.2	2,050,351.22	512,307.60	36° 38' 5.572 N	107° 47' 28.989 W
- plan hits target center									
- Point									



KB @ 6353.0usft (Original Well Elev)  
Ground Elevation 6353.0  
Reference Lat: 36° 38' 16.338 N  
Reference Long: 107° 47' 26.196 W

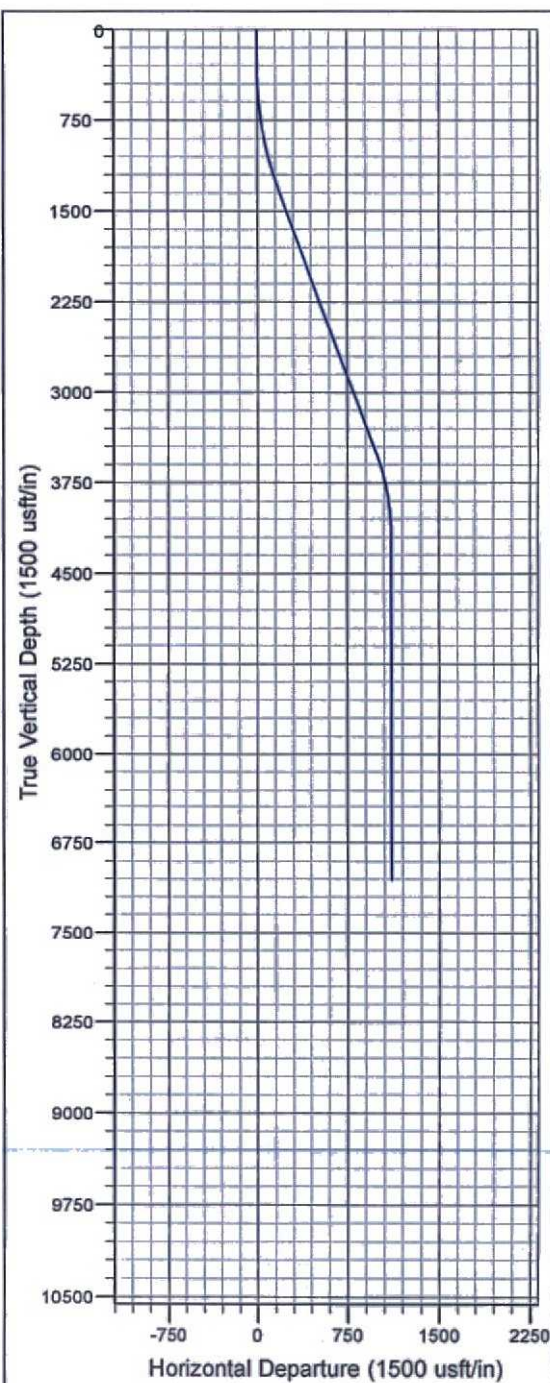
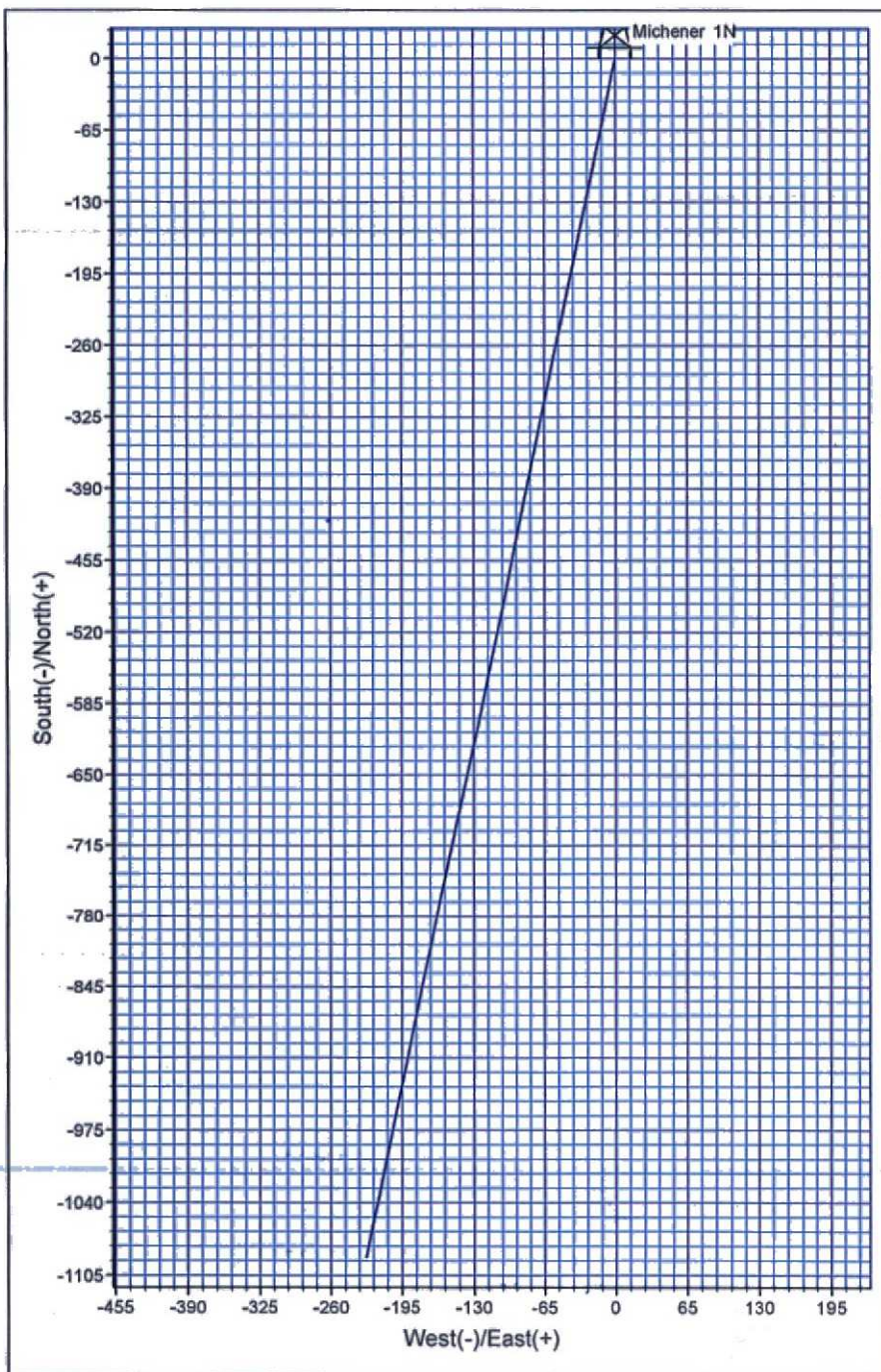
Design: Design #1



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	310.0	0.00	0.00	310.0	0.0	0.0	0.00	0.00	0.0	
3	1322.8	20.26	191.79	1301.9	-173.4	-36.2	2.00	191.79	177.2	
4	3682.7	20.26	191.79	3515.8	-973.2	-203.1	0.00	0.00	994.2	
5	4357.9	0.00	0.00	4177.0	-1088.9	-227.2	3.00	180.00	1112.3	
6	4557.9	0.00	0.00	4377.0	-1088.9	-227.2	0.00	0.00	1112.3	ICP
7	7243.9	0.00	0.00	7063.0	-1088.9	-227.2	0.00	0.00	1112.3	



Magnetic Field  
Strength: 50453.4snT  
Dip Angle: 63.31°  
Date: 2/15/2013  
Model: BGGM2012







### Multi-Point Surface Use Plan for Michener 1N

The following is required information concerning the possible effect, which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items on this plan.

1. Existing Roads

Existing roads used to access the location shall be improved or maintained in a condition the same as or better than before operations began. Any updates discussed at the onsite will be listed in Section 12 "Other Information".

2. New or Reconstructed Access Roads

- A. 72' new access road will have to be constructed to reach the proposed well pad.
- B. Turnouts are shown on the Plat 1 Map.
- C. If gates, Cattleguards or fences are planned for this location, they will be specified in item 12 below as "Other Information".
- D. See the attached Plat 1 Map (cut & fill diagram) for reference of road direction and length and the topo map attached indicates the existing & new access to the proposed location. The topo map also indicates the culvert placement as agreed upon during the BLM onsite and these culverts and turnouts have lath in place to indicate their placement in the field.

3. Location of Existing Wells

- A. The proposed Blanco MV / Basin DK well location site is Unit B (NWNE), 842' FNL & 1818' FEL, Sec. 28, T28N, R9W, San Juan County, New Mexico.  
See attached Map 1A for details.

4. Location of Existing and/or Proposed Production Facilities

- A. See the proposed site facility diagram attached for ConocoPhillips standard layout. On the sample given there are two options for the placement of the tanks. These options are needed to accommodate the lay of the land. If overhead powerlines or existing flowlines are present they will be noted on the surveyors Plat 1 Map (cut & fill diagram).
- B. Location of Proposed New Pipeline Facilities. - Enterprise Field Service will be the gas transporter for this well. A 4-1/2" OD buried steel pipeline that is approx. 50' in length of all is on BLM surface. ConocoPhillips wishes to use the BLM APD/ROW process for the pipeline on BLM. Please refer to the attached preliminary pipeline route map for additional information.
- C. Any production equipment encompassed by a dirt berm or one in which fluids are present shall be adequately fenced and properly maintained in order to safeguard both livestock and wildlife.

5. Location and Types of Water Supply

The supply water will be trucked to the location from the San Juan Water Hole located SW/4 Section 20, T-28-N, R-9-W, New Mexico. The route the water trucks will using will be the same route used to access the location (indicated in 2 D above).

6. Construction Materials

Most of the construction materials will be obtained from the location site. The fill dirt that will be used during construction for the berms around production tanks and for the padding for pipe as well as the gravel to use on the berms and around production facilities will come from one of the four listed companies below. The construction material that will be brought in could be  $\frac{3}{4}$ " rock or  $\frac{3}{4}$ " road base and good fill dirt.

Sky Ute Sand and Gravel  
Four Corners Materials  
Foutz & Bursum gravel pit  
Paul & Sons  
or Gosney and Son Construction

7. Methods for Handling Waste

- A. The drill cuttings, drill water and completion fluids will be placed in a lined reserve pit, if required. 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 reserve pit will be allowed to dry or the free fluids will be removed or the free fluids 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. All garbage and trash will be hauled away by ConocoPhillips to an approved landfill.
- C. Chemical toilets will be provided and maintained during drilling operations and construction activity.
- D. Any brush, small trees and limbs will be used as erosion control throughout the project area as discussed during the BLM on-site.

8. Ancillary Facilities

Plans are to use the proposed well pad for staging the drilling and construction equipment to facilitate the drilling of the well. If we find that we need more space for staging we will use the temporary use area indicated on the topo map. Any temporary use area will be returned to the same or better condition than before operations began. This location may be used for staging purposes for any other operation as needed.

9. Well Site Layout

- A. Drilling Operations - The Plat 1 Map shows the location and orientation of the proposed drill pad; includes reserve pit / blooie line/ flare pit location, access road entry points and any obvious topographic features. The orientation of the drilling rig is indicated by the wellhead and will be between the anchors as indicated on the diagram.
- B. The well layout for the production phase of the well is indicated on the Site Facility Diagram attached. Proposal 1 works for approximately 80% of our locations, but proposal 2 may be used on a coal wells for safety reasons. Production equipment will be painted Juniper Green or Tan.

10. Plans for Surface Restoration

The area of construction will be cleared and grubbed using adequate equipment and processes. Stockpile areas will be cleared, grubbed, and leveled before placement of stockpile. Topsoil will be identified, stockpiled, and protected from erosion effects in the best manner possible. Mixing of the subsoil and topsoil will be kept to a minimum through the proper selection of equipment, short pushing, or handling through pick and carry



method. Topsoil will be stockpiled in the construction zone for later use in reclamation with quantities large enough to complete interim and final reclamation. Removal and stockpiling of topsoil will only be accomplished in conditions and weather that promote maintaining the integrity of the topsoil. Proper drainage control will be accomplished on all stockpiles and stockpiles delineated.

In all instances ConocoPhillips will try to minimize any areas of disturbance. Minimization of disturbance will be accomplished through sound construction planning and staking of proposed location. A variety of factors will always be considered while planning the construction layout of a location in order to minimize disturbances. Adequate storm water diversions will be construction to protect location after construction and minimize disturbance to natural drainage structures in place.

Pit Closures will require that pits are restored to a safe and stable condition. All liquids from pits will be removed and disposed of properly until only drilling mud and cuttings remain (see item number 7 above for more details). Solidification of the material in the pit will be accomplished using natural drying methods and mechanical stirring. All trash and debris will be removed before backfilling begins. Frozen material i.e., chunks of frozen materials will not used for backfill. All pit liners will be cut at the mud level and removed prior to backfilling. Backfilling materials generated from site will be deposited in lifts to accomplish the complete backfilling, contouring, and drainage control for both the Flare pit and the Reserve Pit. Backfill shall placed to match fit, form and line of existing terrain i.e., natural appearance.

Standard redistribution of topsoil will be accomplished using standard industry methods. The topsoil will be placed on reclamation areas with adequate depth and uniformity. Care will be taken not to compact the topsoil unnecessarily. All surfaces (not including all weather surfaces needed for production and safety) will have topsoil redistributed within a few feet of production facilities. Care will be taken not to contaminate or mix topsoil with subsoil or other foreign matter during the redistribution. Subsoil or subsurface will be prepared to accept topsoil i.e., ruts, holes, will be bladed out to smooth shape before topsoil is redistributed.

Standard location seeding will be accomplished following best industry practices. The site will be evaluated for plant community. In place topsoil will be tilled, ripped, or disked dependent upon need. Recommendations for the seasons to plant, the seed mix to be used, and the re-vegetation method will be followed. Seeding will be accomplished by drilling except in those areas where methods such as dozer track-walking followed by broadcast seeding are more practical. Seeding will be performed in conditions and seasons that are conducive to successful re-vegetation.

Topography will to the best means possible, match or blend with the topography surrounding the area, the blend as much as possible will present a seamless appearance to the surrounding environment. Fill sections will be uniform and smooth without foreign material protrusions. Re-shaping will also be functional in drainage control. Natural drainages will be unimpeded with contours to match. Water bars will be placed in areas where needed to prevent erosion on a large scale (water bars to be removed upon re-vegetation). Ditches shall direct water off working surface of location and off access roads.

11. Surface Ownership

The surface ownership of the well location and pipeline is all on BLM surface. The BLM has mineral jurisdiction on this project.

12. Other Information

1. The onsite for the proposed project was conducted on 02/10/11 with Roger Herrera from the BLM as lead.
2. No invasive weeds were identified in the proposed project area.
3. Western Cultural Resource Management, Inc has provided the Cultural Resource Survey Report - #WCRM(F)1004 and there one archaeological sites encountered during the survey.
4. Notification will be given to the BLM prior to construction of the well pad and access road.
5. The proposed action would impact no floodplains or stock ponds.
6. Onsite Notes:
  - a. Road Width: 30' ROW
  - b. Road Design: Crowned and Ditched
  - c. Existing Road Improvements: Last .6 mile upgrade
  - d. Drainage and Ditch Design: To be determined at interim reclamation
  - e. Re-vegetation of disturbed areas: contour, rip, disk, reseed
  - f. Culverts and/or Bridges: 1-24' CMP where access leaves pad at #2. 24" CMP as needed at take off
  - g. Major cuts/fills: #5 - C18'
  - h. Storage of topsoil: 6"
  - i. Rounded Corners: #5 to avoid excess cuts
  - j. Trees/Firewood: Mow trees, stumps and slash. Incorporate in topsoil
  - k. EA Writer: Ecosphere
7. Onsite Remarks:
  - a. Low Profile equipment
  - b. Juniper Green paint
  - c. Standard seed mix
  - d. Build silt trap in E.O.D near #6 at time of reclamation
  - e. Build silt trap in E.O.D near #2
  - f. Energin - 28-9 28 #1 Strip and re-route pipeline





## Operator Certification

### Operator Information:

ConocoPhillips Company  
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 1<sup>st</sup> day of August, 20 11.

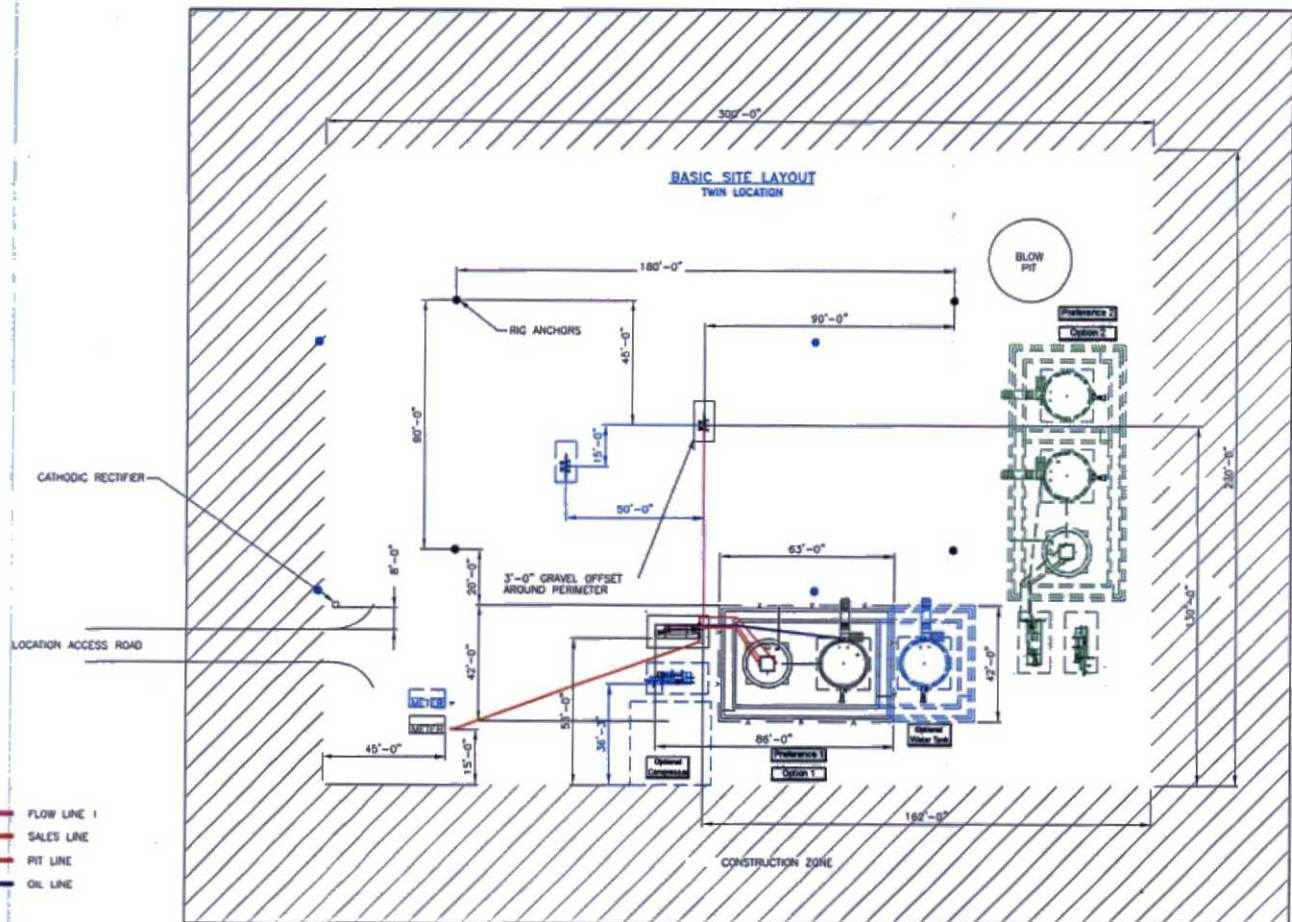
Arleen Kellywood  
Staff Regulatory Technician  
On behalf of Sharon Zubrod and Virgil Chavez

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

Sharon Zubrod,  
Regulatory Compliance Manager  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9793



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

Virgil Chavez,  
Construction Supervisor  
ConocoPhillips Company  
P.O. Box 4289  
Farmington, NM 87499-4289  
505-326-9845



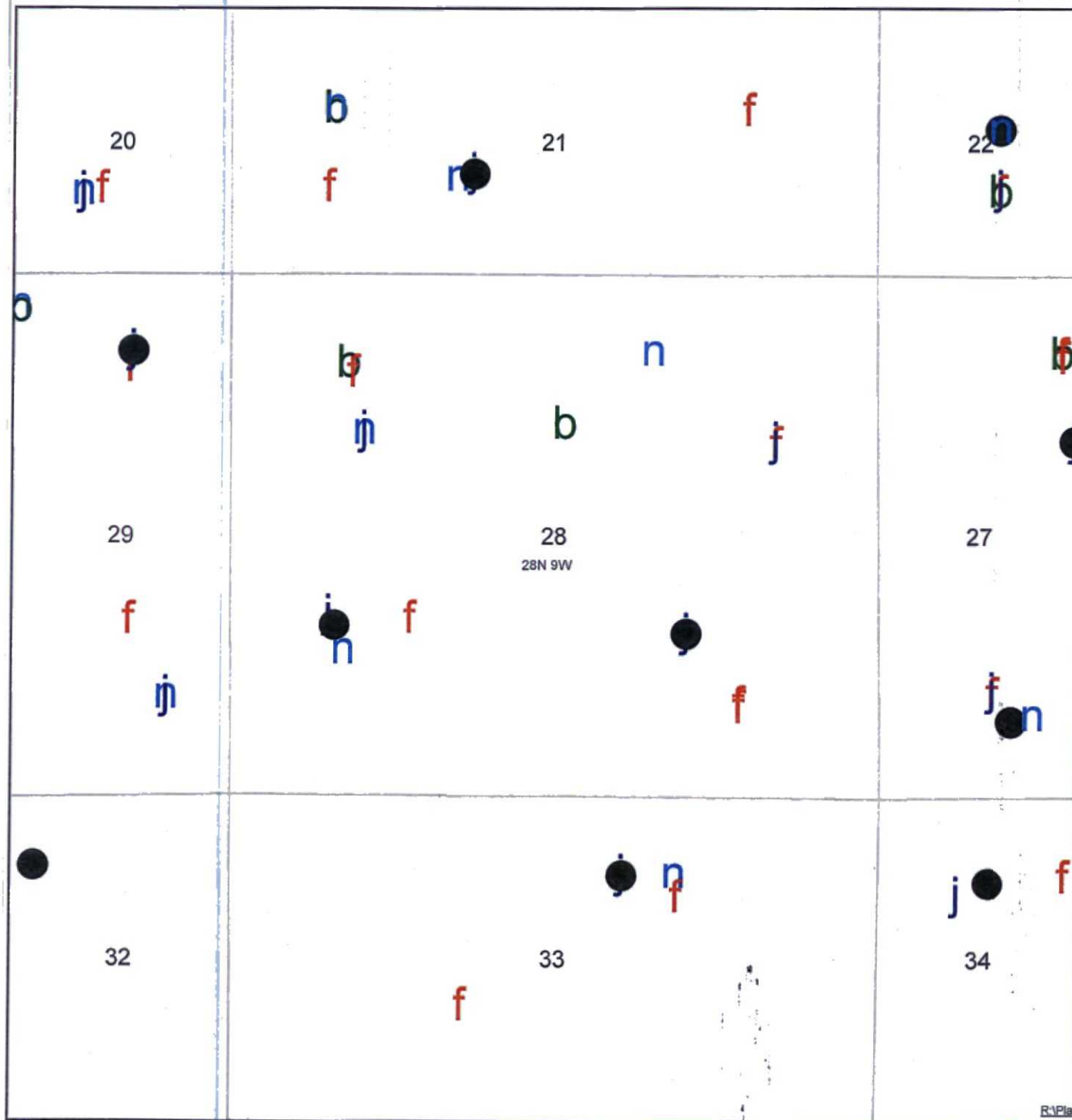
SEE SHEET 3 & 4 FOR PIPING DETAILS  
ALL UNDERGROUND PIPING TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

	ENGINEERING REVIEW										REFERENCE DRAWINGS		 <b>SAN JUAN BUSINESS UNIT</b>	<b>CONOCOPHILLIPS</b> HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
	DISCIPLINE	REVIEWED	DATE	NO.	DESCRIPTION	CLIENT NO.	CLIENT APPR.	APPR. DATE								
	PROCESS															
	MECHANICAL															
	PIPING															
	ELECTRICAL															
	I & C															
	CIVIL/STRUCTURAL															
	PROJECT															
	DESCRIPTION	DATE	BY	CHK'D	ENG	DISC	PRJ			SCALE: NONE	CREATION DATE: 6/20/07	SHEET No. 1 of 5				
Version: S:\app\p\cand\mexico\mexico\l1\l																

Path: S:\gas\regulatory\San Juan Location Site Layout.dwg, 06/28/2007 10:35pm





# Legend

- Sections
- Townships
- States
- <all other values>
- FARMINGTON
- FRUITLAND
- FRUITLAND COAL
- FRUIT/PC
- FRUITLAND-PICTURED CLIFFS
- PICTURED CLIFFS
- MESAVERDE
- DAKOTA
- WATER



1:17,230 - 1" = 1,436'  
GCS North American 1927



**ConocoPhillips**  
© Unpublished Work, ConocoPhillips

Michener 1N

Map 1A

Sec 28 T28N R9W

Author:	Date: 8/30/2007
Compiled by:	Scale: <Scale>
R:\Plat\Projects\Map 1A_Regulatory\Map 1A.mxd	



# CONOCOPHILLIPS COMPANY

MICHENER 1N

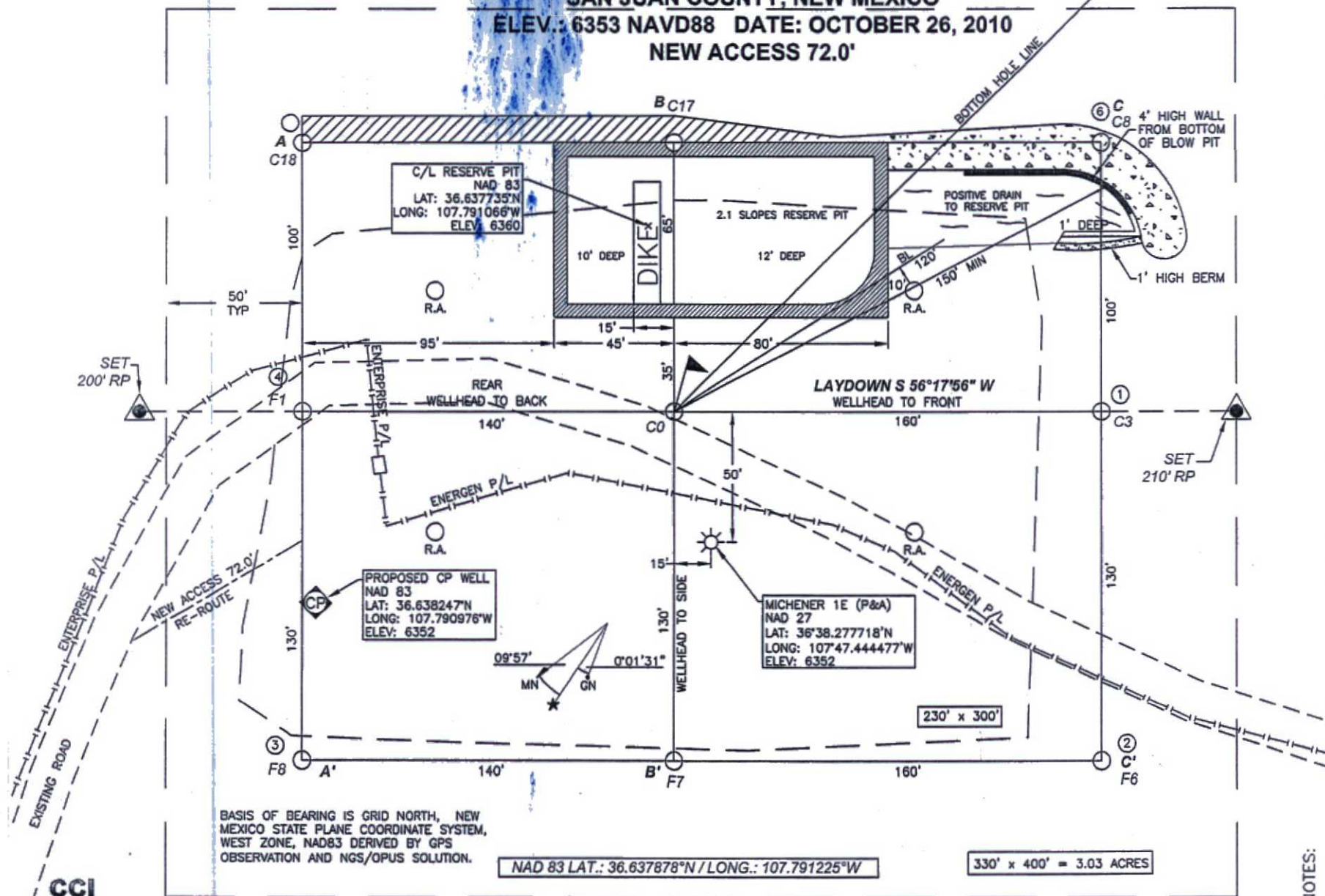
842' FNL, 1818' FEL

SECTION 28, T-28-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6353 NAVD88 DATE: OCTOBER 26, 2010

NEW ACCESS 72.0'



NOTES:

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).

2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

CCI

CHENault CONSULTING INC.

P.O. BOX 328  
BLOOMFIELD, NM, 87413  
PHONE: (505) 325-7707

# CONOCOPHILLIPS COMPANY

MICHENER 1N

842' FNL, 1818' FEL

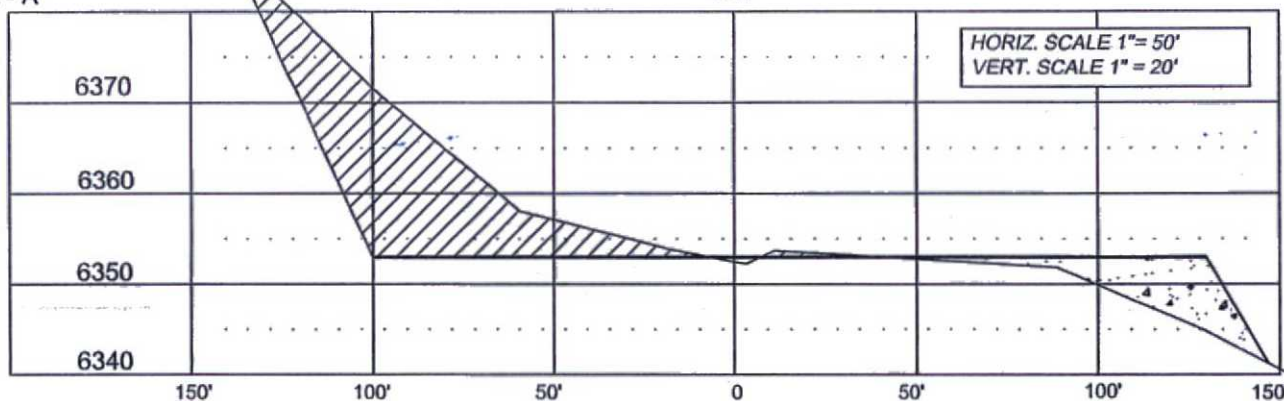
SECTION 28, T-28-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6353 NAVD88

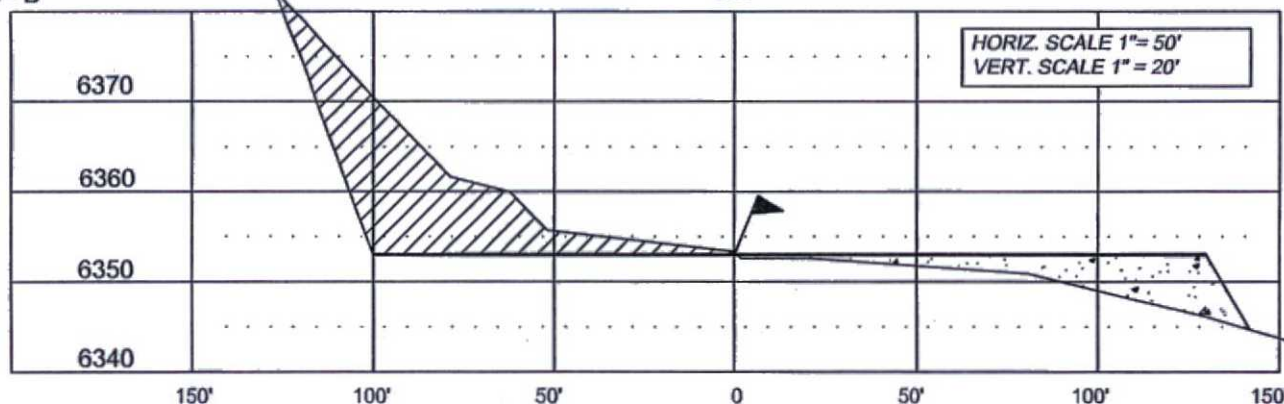
A - A'

C/L



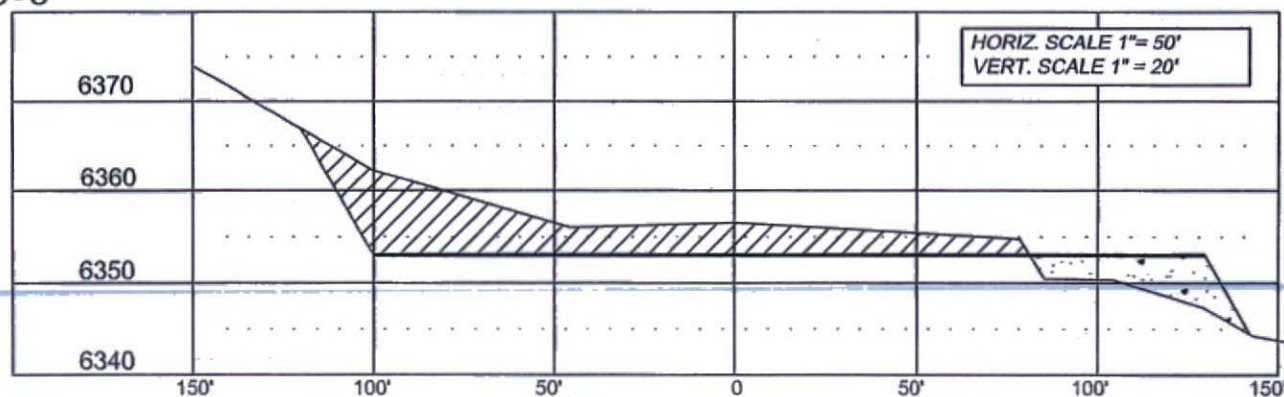
B - B'

C/L



C - C'

C/L



NOTE: CCI IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD PRIOR TO CONSTRUCTION.

## REVISIONS

NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUED FOR REVIEW	TJR	10/26/10

**CCI**

**CHENAULT CONSULTING INC.**

P.O. BOX 328  
BLOOMFIELD, NM, 87413  
PHONE: (505) 325-7707



# CONOCOPHILLIPS COMPANY

MICHENER 1N

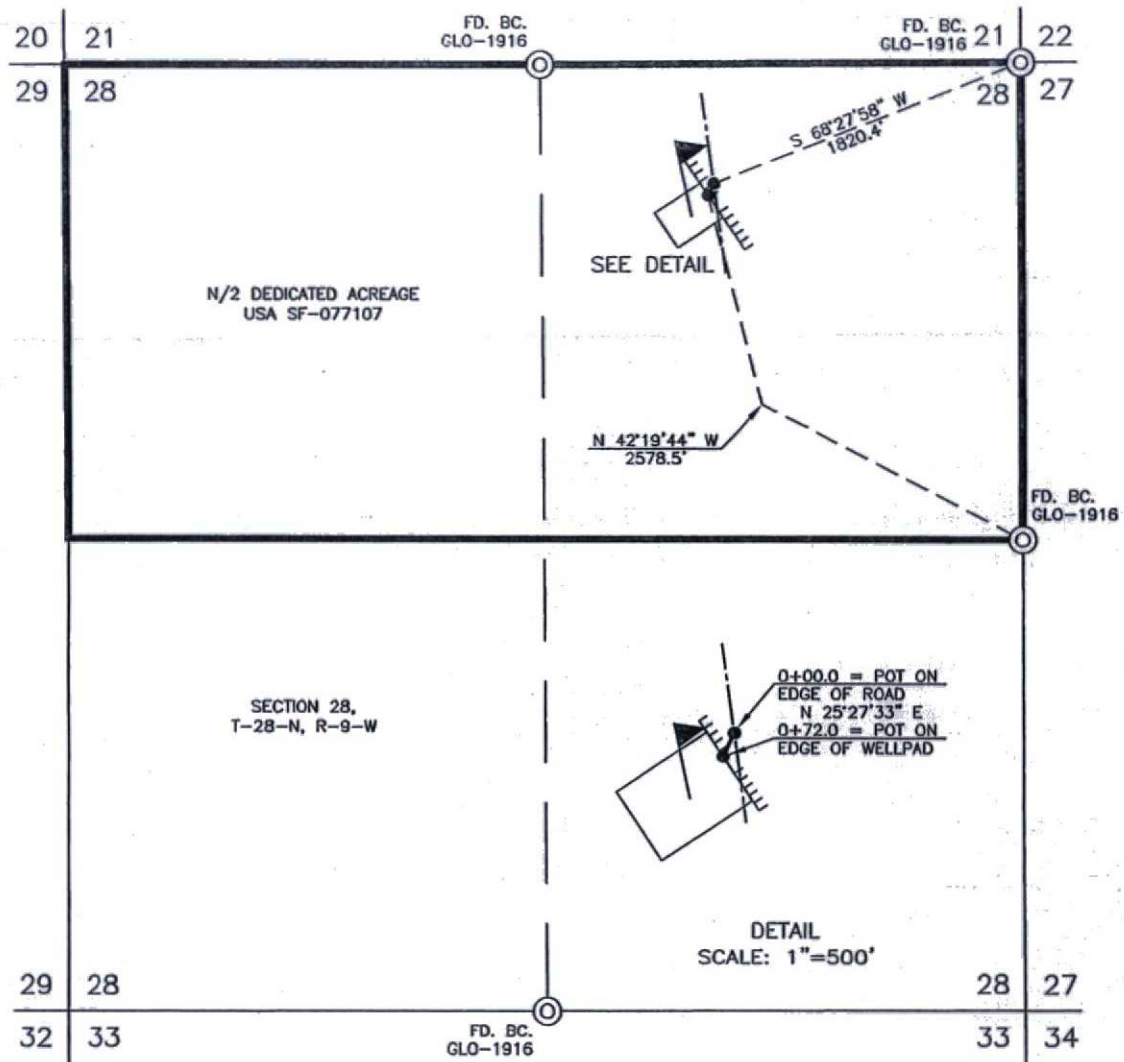
842' FNL, 1818' FEL

SECTION 28, T-28-N, R-9-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6353 NAVD88 DATE: OCTOBER 26, 2010

NEW ACCESS 72.0'



OWNERSHIP	SUBDIVISION	OWNER	FEET	MILES	ACRES	RODS
	0+00.0 TO 0+72.0	BLM	72.0	0.014	0.033	4.364



NOTE: 1.) BASIS OF BEARING—  
SET OPUS ADJ. CONTROL POINT "OPUS,"  
LOCATED IN THE NE/4, SEC. 28,  
T-28-N, R-9-W, N.M.P.M.  
GRID FACTOR: 0.999916842  
2.) ALL POSS. AS SHOWN ARE NEW MEXICO  
STATE PLANE WEST NAD 83

REVISIONS			
NO.	DESCRIPTION	REVISED BY	DATE
1	ISSUED FOR REVIEW	TJR	10/26/10

**CCI**  
CHENAULT CONSULTING INC.  
P.O. BOX 328  
BLOOMFIELD, NM, 87413  
PHONE: (505) 325-7707

**CONOCOPHILLIPS COMPANY**  
**MICHENER 1N**  
**842' FNL, 1818' FEL**  
**SECTION 28, T-28-N, R-9-W, N.M.P.M.,**  
**SAN JUAN COUNTY, NEW MEXICO**  
**NAD 83 LAT.: 36.637878° N LONG.: 107.791225° W**  
**GROUND ELEV.: 6353 NAVD88**  
**72.0' RE-ROUTED ACCESS**

**FROM INTERSECTION OF HWY. 550 & HWY. 64 (SUNDIAL CONOCO) IN  
BLOOMFIELD, NM.**

- **GO SOUTH 1.1 MI. TO C.R. 4990, SULLIVAN ROAD AND TURN LEFT (EAST).**
- **GO 15.0 MI. EAST INTO LARGO CANYON TO THE INTERSECTION OF C.R. 4450 AND C.R. 4990 (5 MILE BRIDGE)**
- **CONTINUE 0.5 MI. EAST. TURN RIGHT INTO CANYON.**
- **GO 1.9 MI. SOUTHWEST AND TURN RIGHT.**
- **GO 1.0 MI. WEST & UP STEEP GRADE.. TURN LEFT.**
- **GO 0.6 MI. SOUTH WEST. STAY LEFT AT "Y".**
- **GO 0.1 MI. SOUTH WEST. STAY LEFT AT "Y".**
- **GO 1.4 MI. SOUTH TO BEGINNING ACCESS RE-ROUTE, JUST NORTH OF WELL LOCATION, PLUGED AND ABANDOMED AMOCO MICHENER 1E.**
- **METER RUN FOR ENERGEN FEDERAL 28-9 #28-1 IS ON THIS PAD.**
- **NEW WELL TWINED HERE.**