

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED**JUL 29 2011**

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

6. Lease Number
SF-078917
If Indian, All. or
Tribe Name

2. Name of Operator

ConocoPhillips



7. Unit Agreement Name
San Juan 29-5 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
San Juan 29-5 Unit 77M

9. API Well No.

30-039-31044

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit E (SWNW), 1905' FNL & 1150' FWL, Section 26, T29N, R5W, NMPM

10. Field and Pool
Blanco MV / Basin DK

11. County and State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent☐ Abandonment☐ Change of Plans☒ Other — ☐ Move Surface☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

ConocoPhillips requests permission to move the staked surface location from the approved 1950' FNL, 90' FWL to 1905' FNL, 1150' FWL. A revised C102 plat, well pad diagram, cut/fill diagram, topo map, driving directions, pipeline plat and project proposal are attached. The revised arch report and EA have been submitted.

14. I hereby certify that the foregoing is true and correct.

Signed

Dollie L. Busse

Title Staff Regulatory Technician

Date 7-27-11

(This space for Federal or State Office use)

APPROVED BY

Title

**ENVIRONMENTAL
PROTECTION TEAM LEAD**

Date

8/12/11

CONDITION OF APPROVAL, if any:

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

NMOC

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, 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-11
Revised July 16, 20
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31044	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31325	⁵ Property Name SAN JUAN 29-5 UNIT	⁶ Well Number 77M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 7095'

¹⁰ Surface Location

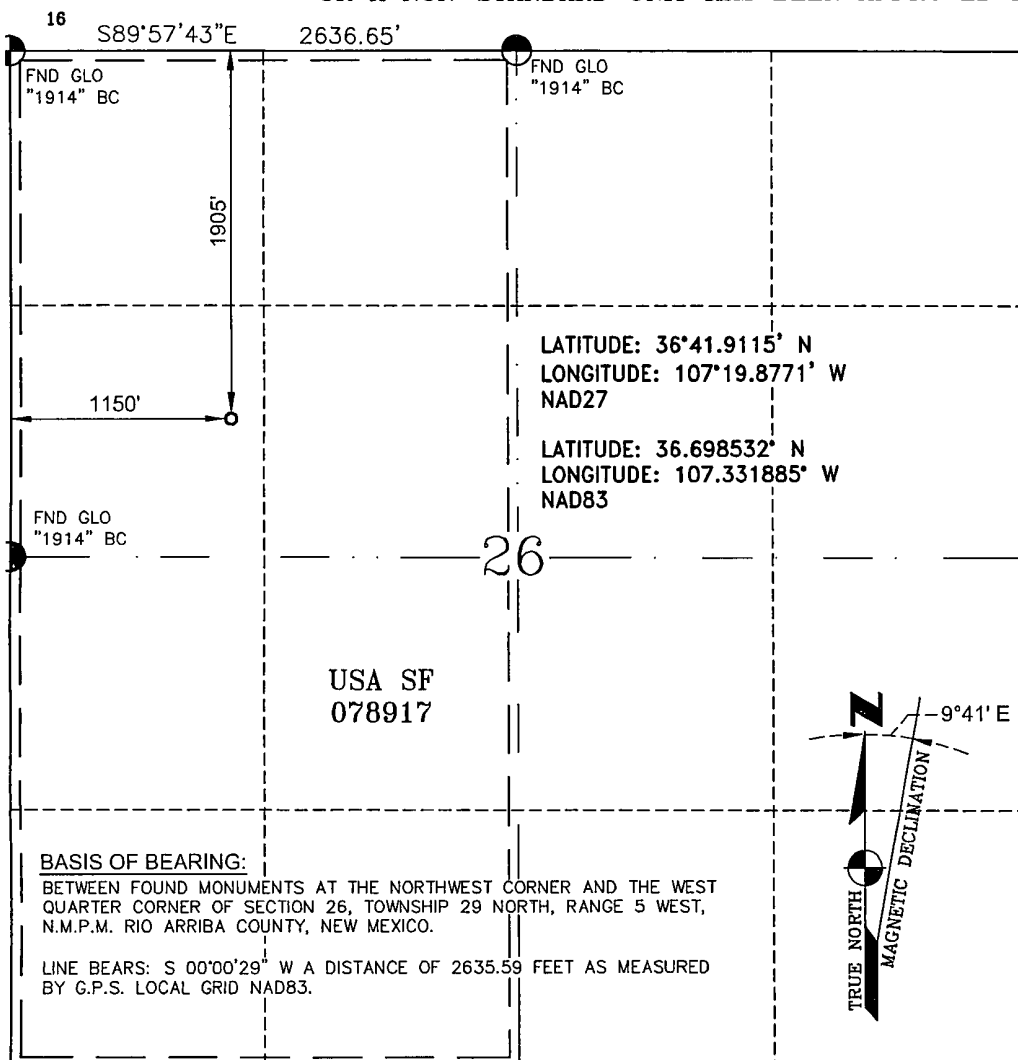
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	29-N	5-W		1905	NORTH	1150	WEST	RIO ARriba

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

¹² Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2	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



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

Dollie L. Busse 7/6/11
Signature Date
Dollie L. Busse
Printed Name
E-mail Address

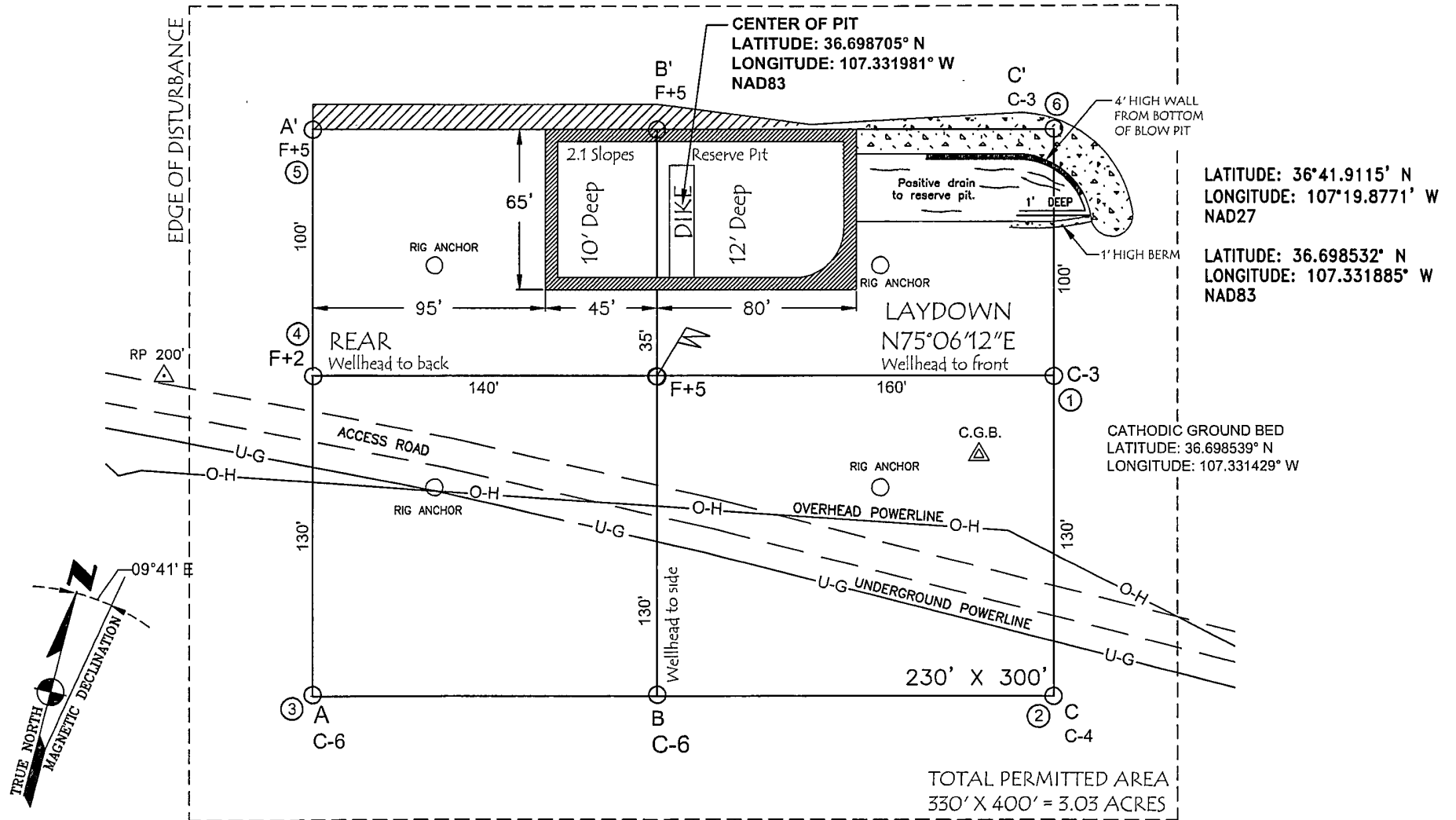
18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this 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.

JUNE 29, 2011
Date of Survey
Signature and Seal of Professional Surveyor
GLEN W. RUSSELL
15703
Certificate Number 15703

CONOCOPHILLIPS COMPANY

SAN JUAN 29-5 UNIT #77M, 1905' FNL & 1150' FWL
SECTION 26, T-29-N, R-5-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 7095', DATE: JUNE 15, 2011



NOTES:

△ RP 200'

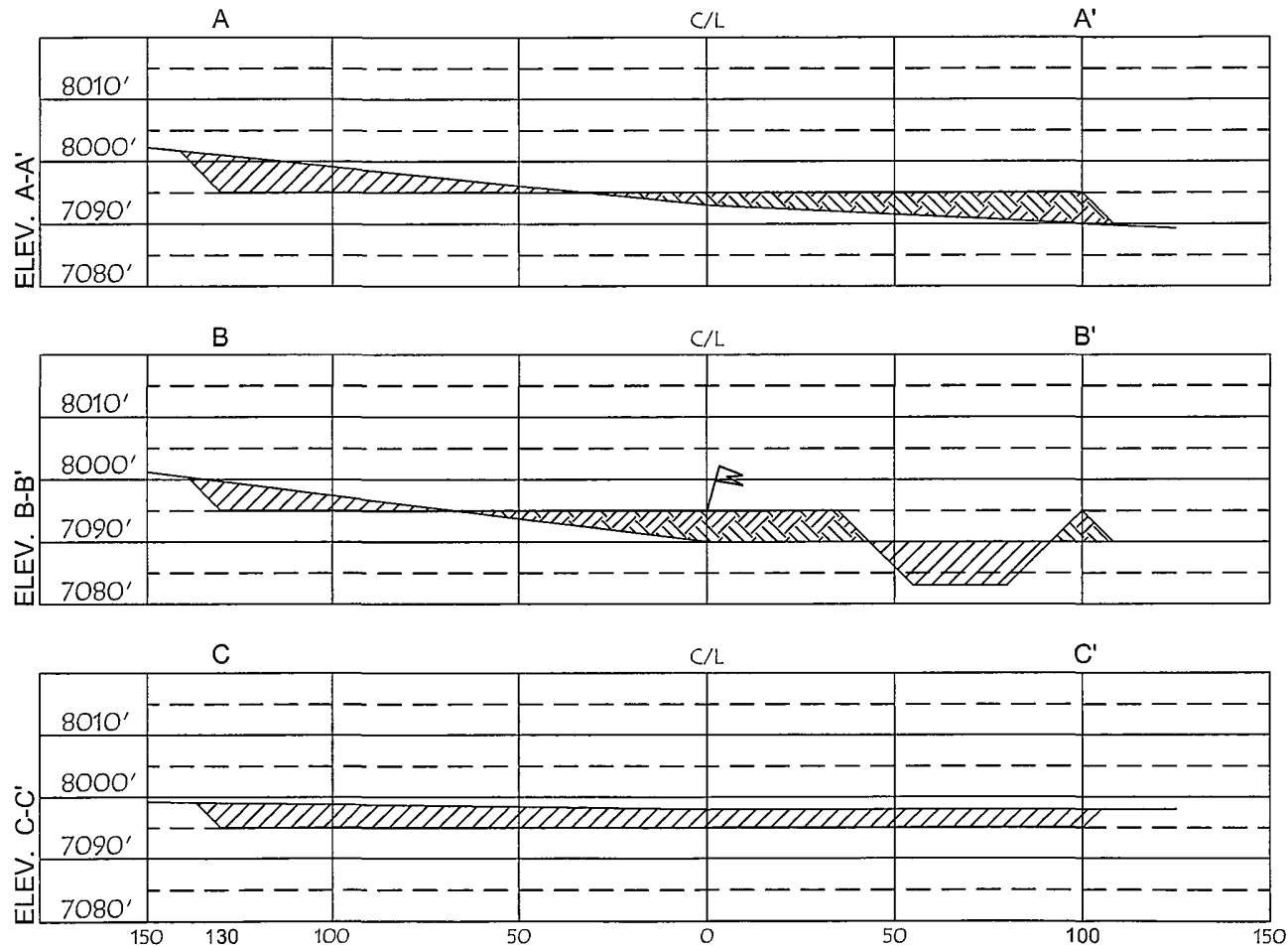
1. VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION
2. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

30' 0 30' 60'

Scale: 1" = 60'

CONOCOPHILLIPS COMPANY

SAN JUAN 29-5 UNIT #77M, 1905' FNL & 1150' FWL
SECTION 26, T-29-N, R-5-W, NMPM, RIO ARRIBA COUNTY, NM
GROUND ELEVATION: 7095', DATE: JUNE 15, 2011



HORIZ. SCALE: 1" = 50'
VERT. SCALE: 1" = 30'

NOTE:

VECTOR 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.

107°22.000' W

107°21.000' W

107°20.000' W

WGS84 107°19.000' W

36°43.000' N

36°43.000' N

36°42.000' N

36°42.000' N

CONOCOPHILLIPS COMPANY

SAN JUAN 29-5 UNIT #77M

1905' FNL & 1150' FWL

SEC. 26, T29N, R5W N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

APD MAP

NO NEW BLM ACCESS

EXISTING ACCESS

SAN JUAN 29-5 UNIT #77M

ERA

36° 41' 36" N

107° 19' 55" W

NAD 83

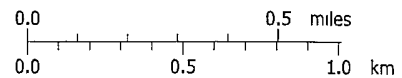
Map created with TOPO! © 2007 National Geographic

107°22.000' W

107°21.000' W

107°20.000' W

WGS84 107°19.000' W



TN MN

9 1/2°

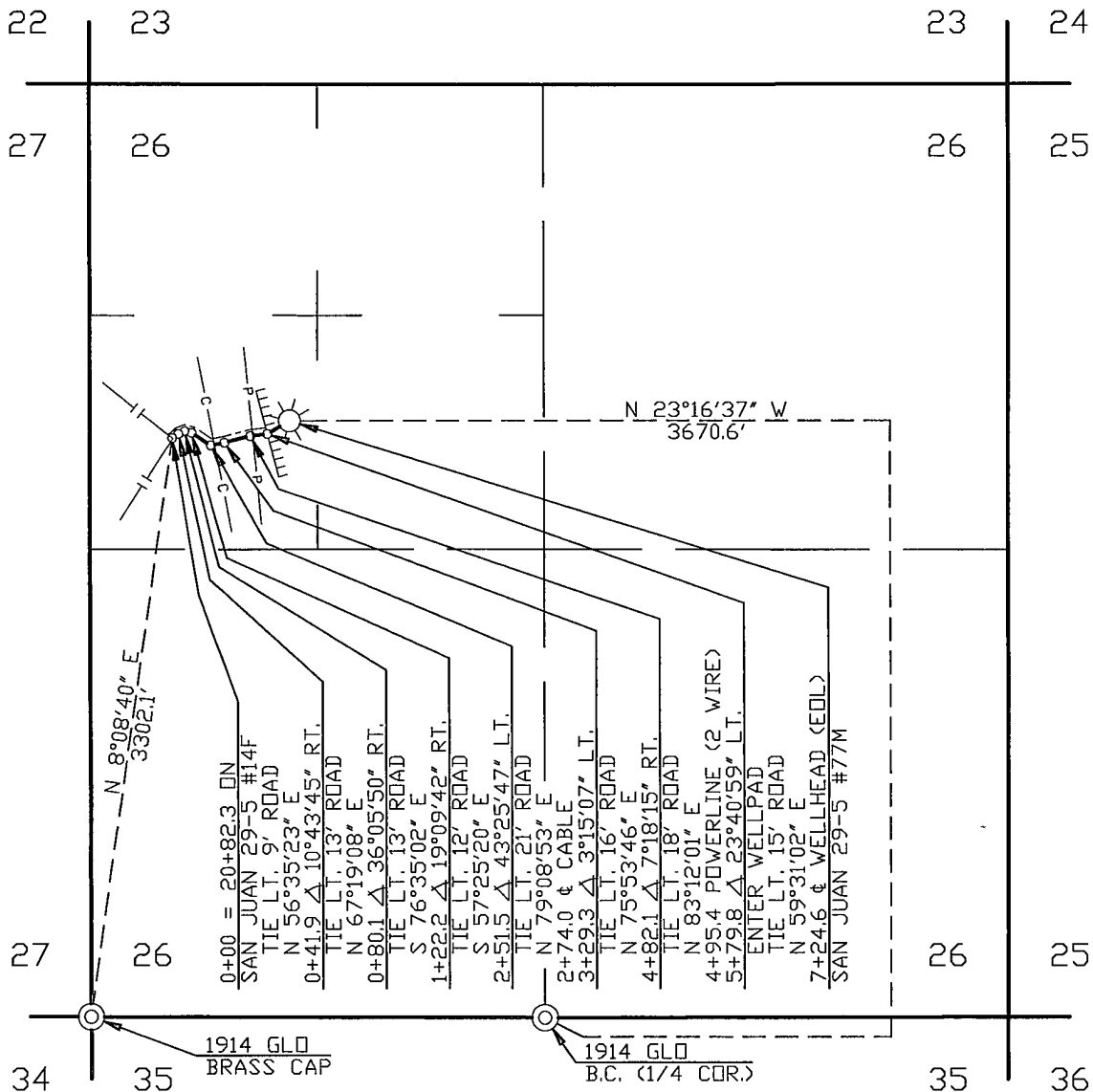
06/29/11

Directions from the Post Office
in Blanco, NM
to
CONOCOPHILLIPS COMPANY
SAN JUAN 29-5 UNIT 77M
1905' FNL & 1150' FWL,
Section 26, T29N, R5W, N.M.P.M., Rio Arriba County,
New Mexico
Latitude: 36° 41' 54.716" N
Longitude: 107° 19' 54.788" W
Nad 83

Take Highway 64 East for 32.3 miles to forest road #314,
Turn right (southerly) 1.4 miles,
Turn right (northwesterly) 0.15 miles,
to the newly staked location.

C102
FOOTAGES:
1905' FNL
1150' FWL
DATE: 06-29-11

NOTE: BEARINGS ARE BASED ON THE NM COORDINATE SYSTEM,
WEST ZONE, NAD 83, ALONG THE SOUTH LINE OF THE SW 1/4 OF
SECTION 26, T-29-N, R-5-W, NMPM
BEARS: S 89°49'43" E - 2584.8'



PIPE DATA

OWNERSHIP	SUBDIVISION		OWNER		FEET	MILES	ACRES	RODS	R.O.W. WIDTH
	0+00 TO 7+24.6		BUREAU OF LAND MANAGEMENT		724.6	0.137	0.665	43.915	40'

REVISION	NO.	DATE	BY	DESCRIPTION	W.D.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	W.D.NO.	CHK.	APP.
2	09/23/08	MB		LINE CHANGE (09/18/08)	1062695	PB		4	07/08/11	HS	LINE CHANGE (07/05/11)	1062695	PB	
1	04/14/08	JC		ISSUED FOR REVIEW	1062695	PB		3	06/30/11	HS	LINE CHANGE (06/27/11)	1062695	PB	

INFO		DRAFTING	BY	DATE	STATE: NEW MEXICO		WILLIAMS FOUR CORNERS, LLC		<i>Williams</i>	
R/W #: 07145		DRAWN BY	JC	04/14/08	COUNTY: RIO ARriba		ONE OF THE WILLIAMS COMPANIES			
NWC #:		CHECKED BY	PB	04/18/08	SAN JUAN GATHERING SYSTEM CONOCO-PHILLIPS - SAN JUAN 29-5 #77M (REF DWG. 67S765.0-36-1) SEC. 26, T-29-N, R-5-W, NMPM 0+00 = 20+82.3 ON SAN JUAN 29-5 #14F					
METER #:		APPROVED BY								
SURVEYED: 4/10/08		ENGINEER	BY	DATE	SCALE: 1" = 1000'		DWG NO.		67S765.0-47-1	
ORIGINAL DWG. #:		DESIGNED BY			W.D. NO. 1062695				SHEET 1 OF 1	
12F765.0-24-1		PROJ. APPROVED							REV 4	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 77M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7481				AFE \$: 1,669,977.82	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: RIO ARRIBA		API #: 3003931044
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Head, Chip F (Charles)		Phone: +1-505-326-9772		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		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: 36.698544		Longitude: -107.331306		X:	Y:	Section: 26	Range: 005W
Footage X: 1150 FWL		Footage Y: 1905 FNL		Elevation: (FT)		Township: 029N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 7094 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SAN JOSE	15	7079		☐			Ground water - SJ 29-5 77 (29n 5w 26); Lost circulation - SJ 29-5 90M (29n 5w 35)
Surface Casing	200	6894		☐		37	12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	2096	4998		☐			
OJO ALAMO	3329	3765		☐			
KIRTLAND	3474	3620		☐			
FRUITLAND	3516	3578		☐		108	Possible Gas; Lost circulation - SJ 29-5 70F (29n 5w 28)
PICTURED CLIFFS	4064	3030		☐	1200		
LEWIS	4119	2975		☐			
Intermediate Casing	4268	2826		☐			8 3/4" Hole. 7", 20 / 23 ppf, J-55, STC / LTC Casing. Cement with 962 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4812	2282		☐		135	
CHACRA	5055	2039		☐			Est. Top Perf - 5056 (2038)
UPPER CLIFF HOUSE	5660	1434		☐			Gas
MASSIVE CLIFF HOUSE	5894	1200		☐	809		Gas
MENEFEE	5949	1145		☐		159	
POINT LOOKOUT	6217	877		☐			
MANCOS	6577	517		☐			
UPPER GALLUP	7460	-366		☐			
GREENHORN	8203	-1109		☐		207	
GRANEROS	8258	-1164		☐			
TWO WELLS	8334	-1240		☐	2981		
PAGUATE	8356	-1262		☐			
UPPER CUBERO	8384	-1290		☐		211	Gas
LOWER CUBERO	8434	-1340		☐			Gas - Wet Zone base on a number of wells in area. But Bottom perf ~-1360' (~20' into cbrl) RAM decision to TD into cbrl.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 77M

DEVELOPMENT

Total Depth	8469	-1375	☐	6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55/L-80, STC/LTC casing. Cement w/ 576 cuft. Circulate cement a minimum of 100' inside the previous casing string.
OAK CANYON	8492	-1398	☐	
ENCINAL	8497	-1403	☐	213
BURRO CANYON	8573	-1479	☐	
MORRISON	8582	-1488	☐	

Reference Wells:

Reference Type	Well Name	Comments
Production	SJ 29-5 14F	29N-5W27 NE SE NE
Production	SJ 29-5 92	29N-5W26 NE SW SE
Production	SJ 29-5 77	29N-5W26 SE NW SW

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 ~15' above TD.

Additional Information:

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