

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAR22'07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 MAR -7 PM 3:51

1a. Type of Work DRILL	5. Lease Number NMSF-078917
1b. Type of Well GAS	Unit Reporting Number NMA-78453-DK
2. Operator ConocoPhillips	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 29-5 Unit
4. Location of Well Unit J (NWSE), 2200' FSL & 1970' FEL, Latitude 36° 40.8497 N Longitude 107° 19.4443 W	8. Farm or Lease Name 9. Well Number #91F 10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) J Sec. 35, T29N, R5W API # 30-039-30219
14. Distance in Miles from Nearest Town 9 miles/Gobernador	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 1970'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well DK & MV - 320 - (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 8857'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7443' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	3-7-07 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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

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

NOTIFY AZTEC OCD 24 hrs
IN TIME TO WITNESS Csg & cement

3/27/07

NMOCD B

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
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

2007 MAR -7 PM 3:51

RECEIVED

BLM
210 FARMINGTON, NM

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 30219		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31325	*Property Name SAN JUAN 29-5 UNIT		*Well Number 91F
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 7443'

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
J	35	29N	5W		2200	SOUTH	1970	EAST	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

RCVD MAR22'07

12 Dedicated Acres

320.0 Acres - E/2

13 Joint or Infill

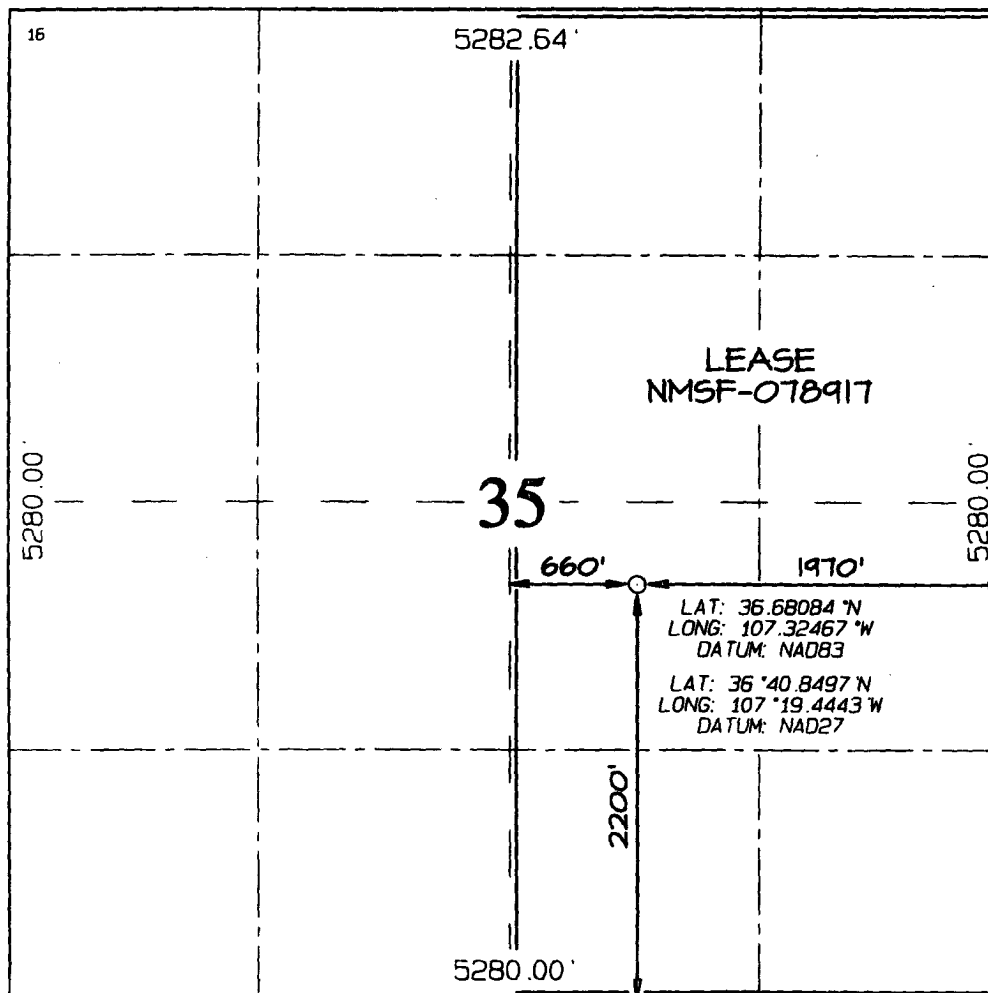
14 Consolidation Code

15 Order No.

OIL CONS. DIV.

DIST. 3

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

Signature
Virgil E. Chavez

Printed Name
Projects & Operations Lead

Title
Date
December 2, 2006

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

Survey Date: NOVEMBER 15, 2006

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039- 30219

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

NMSF-078917

7. Lease Name or Unit Agreement Name

San Juan 29-5 Unit

8. Well Number

#91F

9. OGRID Number

217817

10. Pool name or Wildcat

Blanco Mesaverde / Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐Gas Well ☒

Other

2. Name of Operator

ConocoPhillips Company

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter J : 2200' feet from the South line and 1970' feet from the East line
Section 35 Township 29N Rng 5W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

7443'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

>100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

>1000'

Pit Liner Thickness:

N/A

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐

OTHER:

New Drill

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Unlined:

ConocoPhillips proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on ConocoPhillips' interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be unlined pits as detailed in ConocoPhillips' General Plan dated June 2005 on file at the NMOCDD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be unlined as per the risk ranking criteria. ConocoPhillips anticipates closing these pits according to the November 1, 2004 Guidelines.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Technician

DATE

3/1/2007

Type or print name

Rhonda Rogers

E-mail address:

rrogers@br-inc.com

Telephone No.

505-326-9518

For State Use Only

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 01

DATE

MAR 27 2007

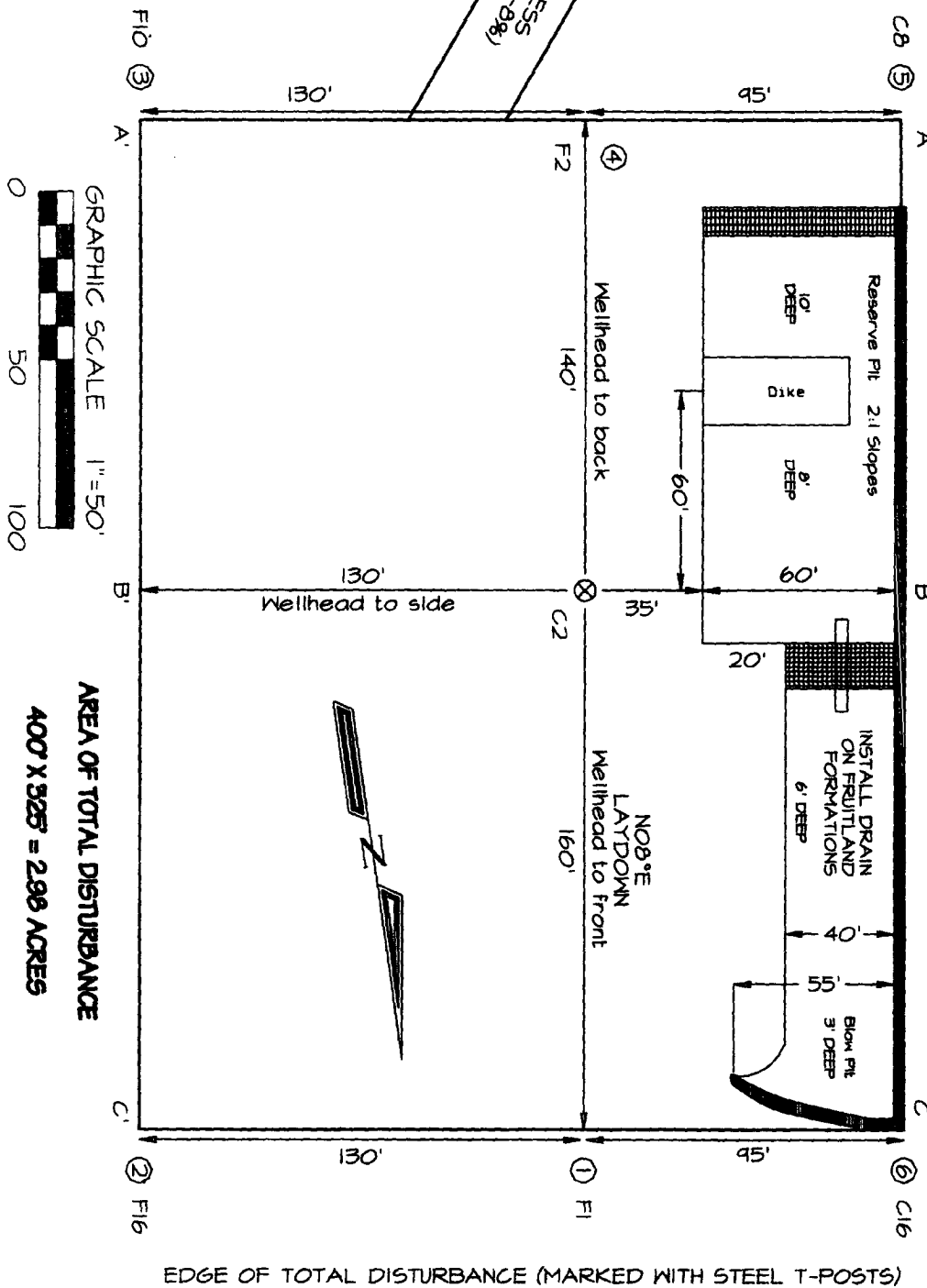
Conditions of Approval (if any):

Bureau of Land Management

LATITUDE: 36°40.8487N
LONGITUDE: 107°19.4443W
DATUM: NAD1927

CONOCOPHILLIPS COMPANY SAN JUAN 29-5 UNIT #91F
2200' FSL & 1970' FEL, SECTION 35, T29N, R5W, NMPM
RIO ARriba COUNTY, NEW MEXICO ELEVATION: 7443'

EDGE OF TOTAL DISTURBANCE (MARKED WITH STEEL T-POSTS)



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

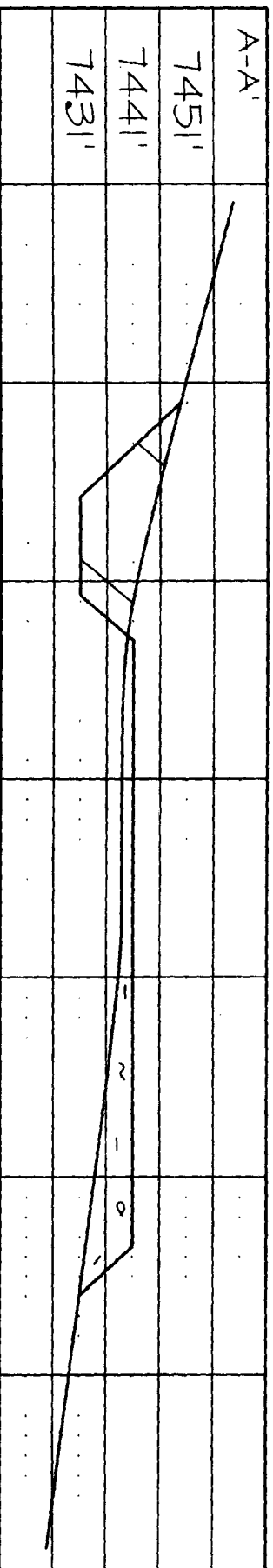
CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

CONOCOPHILLIPS COMPANY SAN JUAN 29-5 UNIT #91F
 2200' FSL & 1970' FEL, SECTION 35, T29N, R5W, NMPM
 RIO ARKIBIA COUNTY, NEW MEXICO ELEVATION: 7443'

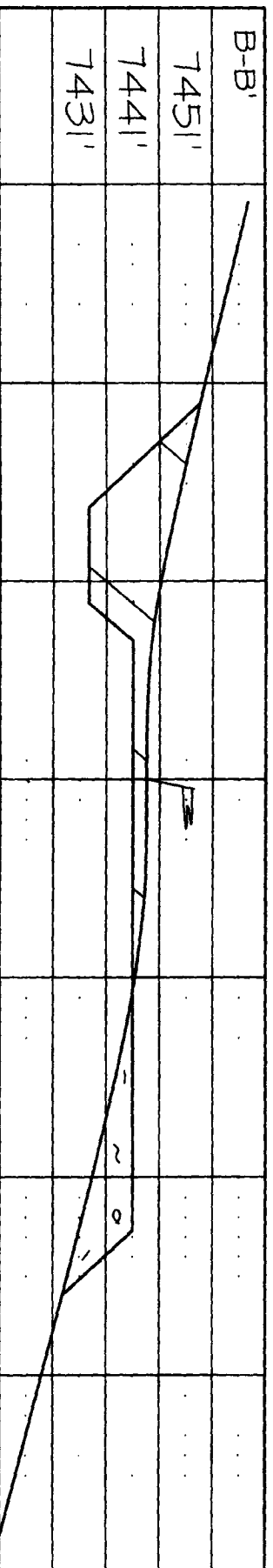
HORIZONTAL SCALE 1"=40'

C/L

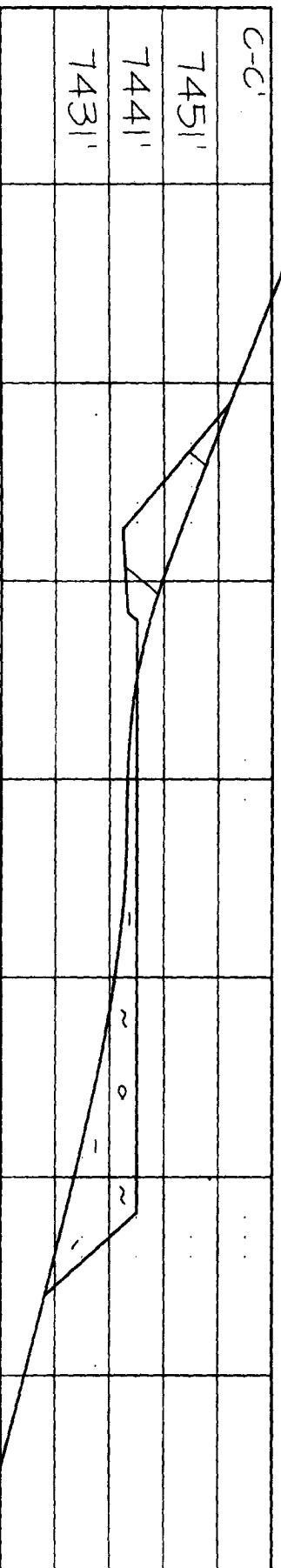
VERTICAL SCALE 1"=30'



C/L



C/L



NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.

CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 UNIT 91F

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7152		AFE \$:	
Field Name: 29-5		Rig: H&P Rig 282		State: NM County: RIO ARRIBA	
Geoscientist: Glaser, Terry J		Phone: (832)486-2332		Prod. Engineer: Phone:	
Res. Engineer:		Phone:		Proj. Field Lead: Fransen, Eric E. Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20076	DAKOTA(R20076)				

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.680832	Longitude: -107.324069	X:	Y:	Section: 35	Range: 005W
Footage X: 1970 FEL	Footage Y: 2200 FSL	Elevation: 7443 (FT)	Township: 029N		

Tolerance:					
Location Type: Summer Only		Start Date (Est.):		Completion Date:	
Formation Data: Assume KB = 7457		Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	7241	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.
KRLD	3809	3648	<input type="checkbox"/>			
FRLD	4139	3318	<input type="checkbox"/>			Possible Gas
PCCF	4391	3066	<input type="checkbox"/>			
LEWS	4497	2960	<input type="checkbox"/>			
Intermediate Casing	4597	2860	<input type="checkbox"/>			8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 1035 cuft. Circulate cement to surface.
CHRA	5409	2048	<input type="checkbox"/>			
UCLFH	5990	1467	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	6208	1249	<input type="checkbox"/>	910		Gas
MENF	6282	1175	<input type="checkbox"/>			
PTLK	6585	872	<input type="checkbox"/>			
MNCS	7011	446	<input type="checkbox"/>			
GLLP	7797	-340	<input type="checkbox"/>			
GRHN	8553	-1096	<input type="checkbox"/>			
GRRS	8607	-1150	<input type="checkbox"/>			
TWLS	8665	-1208	<input type="checkbox"/>	1400		Gas
PAGU	8706	-1249	<input type="checkbox"/>			
CBRO	8719	-1262	<input type="checkbox"/>			
CBRL	8772	-1315	<input type="checkbox"/>			
ENCINAL	8857	-1400	<input type="checkbox"/>			
TOTAL DEPTH DK	8857	-1400	<input type="checkbox"/>			TD T/ENCN. 6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 580 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 29-5 #90	SW 35-29N-5W

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 29-5 UNIT 91F

DEVELOPMENT

Logging Program:

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

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

GR_CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - TD for this well is 250' below the top of the Greenhorn to prevent potential water problems in the lower DK.

Zones - DK 29N05W35SE2 MVNM029N005W35SE2