

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RCVD APR 6 '07  
OIL CONS. DIV.  
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 2:43

1a. Type of Work DRILL	5. Lease Number USA SF-078424 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #130N	
4. Location of Well Unit M (SWSW) 150' FSL & 10' FWL,  Latitude 36° 42.2748 N Longitude 107° 35.0767 W	10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 21, T29N, R7W API # 30-039-30230	
14. Distance in Miles from Nearest Town 22 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 10'		
16. Acres in Lease	17. Acres Assigned to Well DK & MV - 320 - (W/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1596' from San Juan 29-7 Unit #124M		
19. Proposed Depth 7765'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6537' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	3-22-07 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE ATM DATE 4/4/07

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.

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

Master Plan Type 3

4/10/07

NMOCD  
to

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.8  
and appeal pursuant to 43 CFR 3165.4

HOLD C104 FOR Bottom  
Hole Survey

DIST. 3

Form C-102

Revised October 12, 2005

DISTRICT I  
1885 E. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1391 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Grande 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

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- <b>30230</b>	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde / Basin Dakota
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 130N
*OGED No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6537'

## 10 Surface Location

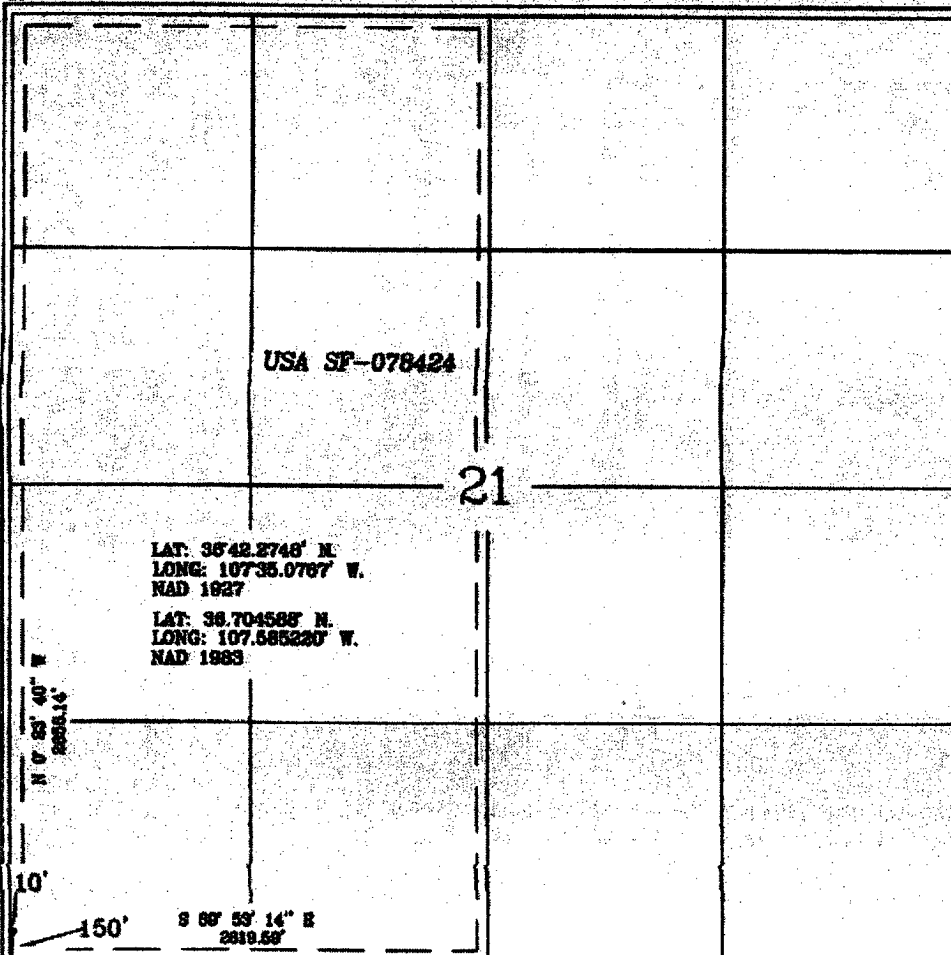
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
M	21	29-N	7-W		150'	SOUTH	10'	WEST	RIO ARriba

## 11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
M									
*Dedicated Acres 320 acres (MV/DK)W2			*Joint or Infill		*Consolidation Code		*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

16



## 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 undivided 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 interest or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

*Kandis Roland*  
Signature

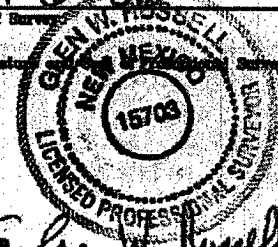
Kandis Roland  
Printed Name

## 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.

11-6-06  
Date of Survey

Signature



Certificate Number

15703

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-

30230

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

Federal Lease # USA SF-078424

7. Lease Name or Unit Agreement Name

San Juan 29-7 Unit

8. Well Number

#130N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV/Basin DK

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

BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter M : 150' feet from the South line and 10' feet from the West line  
Section 21 Township 29N Rng 7W NMPM County Rio Arriba

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

6537'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

&gt;100

Distance from nearest fresh water well

&gt;1000

Distance from nearest surface water

&lt;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

☐

PLUG AND ABANDON

☐

TEMPORARILY ABANDON

☐

CHANGE PLANS

☐

PULL OR ALTER CASING

☐

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:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flame pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flame pit will be an unlined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flame pit will be designed to manage fluids, and that portion will be unlined, as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

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 NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

TITLE

Regulatory Technician

DATE

3/22/2007

Type or print name

Rhonda Rogers

E-mail address:

ogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

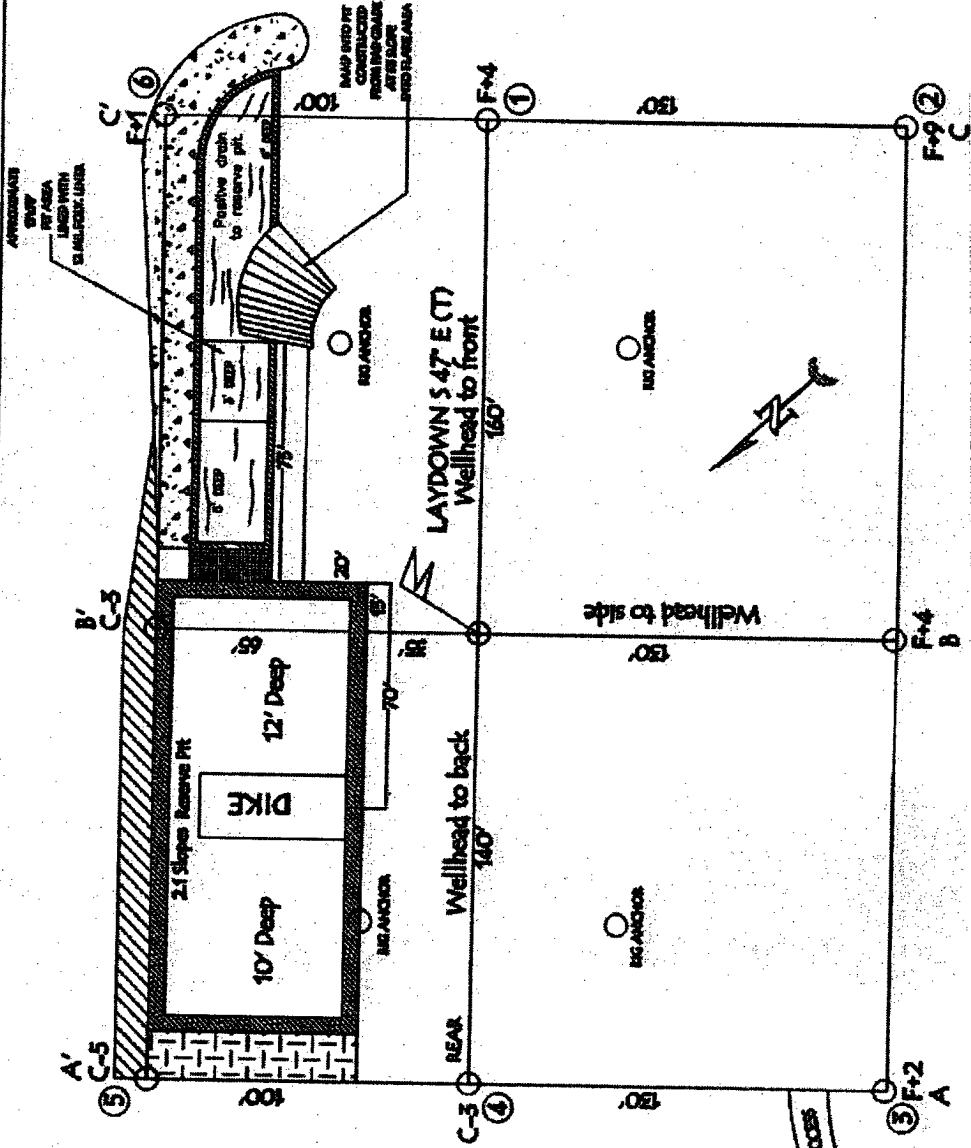
DEPUTY OIL &amp; GAS INSPECTOR, DIST. 4

DATE

APR 10 2007

Conditions of Approval (if any):

GROUND ELEVATION: 6537', DATE: OCTOBER 18, 2006



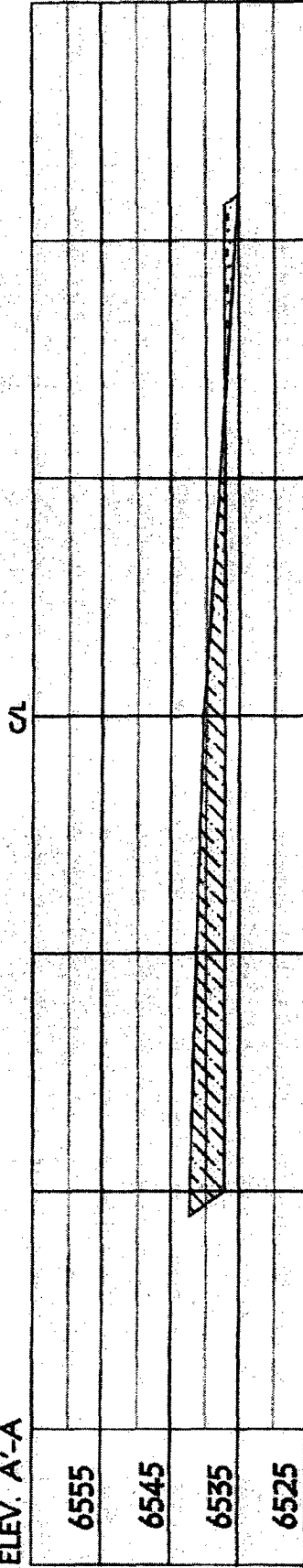
LATITUDE: 36° 42.2748' N LONGITUDE: 107° 35.0767' W NAD27

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.

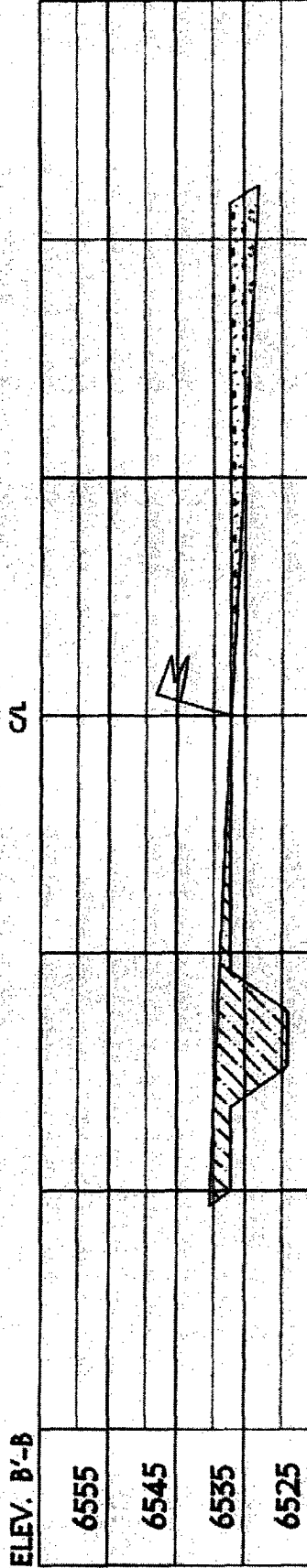
RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE)

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SAN JUAN 29-7 UNIT 130N, 150' FSL & 10' FWL**  
**SECTION 21, T-29- N, R-7-W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6537', DATE: OCTOBER 18, 2006**

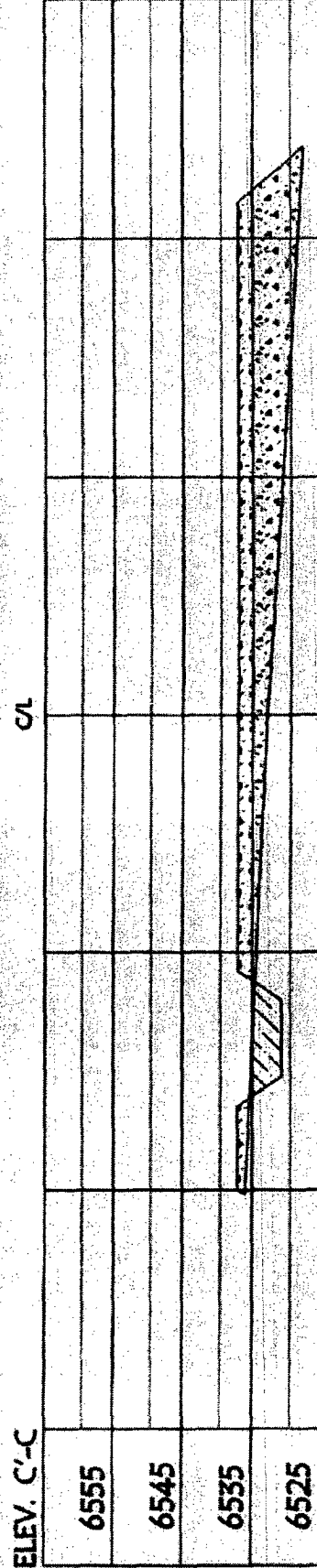
**ELEV. A'-A**



**ELEV. B'-B**



**ELEV. C'-C**



**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.**

# PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 29-7 UNIT 130N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7012		AFE \$:	
Field Name: hBR SAN JUAN 29-7 UNIT	Rig: H&P Rig 282	State: NM	County: RIO ARriba	API #:	
Geoscientist: Head, Chip F	Phone: 505-326-9772	Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J	Phone: 505-326-9826	Proj. Field Lead:		Phone:	

## Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

<b>Location: Surface</b>		<b>Datum Code: NAD 27</b>		<b>Straight Hole</b>	
Latitude: 36.704581	Longitude: -107.584612	X:	Y:	Section: 21	Range: 007W
Footage X: 10 FWL	Footage Y: 150 FSL	Elevation: 6537	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6551	Units = FT		

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	6335	<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.
OJAM	2417	4134	<input type="checkbox"/>			
KRLD	2503	4048	<input type="checkbox"/>			
FRLD	2874	3677	<input type="checkbox"/>			Possible Gas
PCCF	3285	3266	<input type="checkbox"/>			
LEWS	3405	3146	<input type="checkbox"/>			
Intermediate Casing	3505	3046	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 766 cuft. Circulate cement to surface.
CHRA	4242	2309	<input type="checkbox"/>			
UCLFH	4797	1754	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	4906	1645	<input type="checkbox"/>	530		Gas
MENF	5054	1497	<input type="checkbox"/>			
PTLK	5467	1084	<input type="checkbox"/>			
MNCS	5924	627	<input type="checkbox"/>			
GLLP	6701	-150	<input type="checkbox"/>			
GRHN	7434	-883	<input type="checkbox"/>			
GRRS	7492	-941	<input type="checkbox"/>			
TWLS	7540	-989	<input type="checkbox"/>	1900		Gas
PAGU	7628	-1077	<input type="checkbox"/>			
CBRO	7654	-1103	<input type="checkbox"/>			
CBRL	7680	-1129	<input type="checkbox"/>			
OAK CANYON	7730	-1179	<input type="checkbox"/>			
ENCINAL	7745	-1194	<input type="checkbox"/>			
TOTAL DEPTH DK	7765	-1214	<input type="checkbox"/>			TD 20 ft. below T/ENCN. 6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 593 cuft. Circulate cement a minimum of 100' inside the previous casing string.

## Reference Wells:

Reference Type	Well Name	Comments
Production	SJ 29-7 #124M	NW 28-29N-7W

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-7 UNIT 130N

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 - DK 29N07W21SW2 and MVNM029N007W21SW2

Zones - DK 29N07W21SW2 and MVNM029N007W21SW2

General/Work Description - LEWIS INCLUDED