

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAY 16 '07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-079004	
1b. Type of Well GAS	Unit Reporting Number NMNM-78424A-MV	
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 32-8 Unit	
4. Location of Well Surf Unit D (NWNW), 987' FNL & 154' FWL, Bott Latitude 36° 54' 9497474" N Longitude 107° 40' 2298620"W	8. Farm or Lease Name 9. Well Number #5A 10. Field, Pool, Wildcat Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 10 T31N, R08W, NMPM	
14. Distance in Miles from Nearest Town 35 miles to Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 154'	17. Acres Assigned to Well 320 acres W2 W2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease	
19. Proposed Depth 6261'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6660' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>Theresa Rogers</i> Regulatory Technician	4-23-07 Date	

API # 30-045-34286

PERMIT NO.

APPROVAL DATE

APPROVED BY *D. Mankus*

TITLE *AFM*

DATE *5/14/07*

Archaeological Report submitted separately
Environmental Assessment is 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.

This is not an HPA well

This action is subject to technical and procedural review pursuant to 43 CFR 3160.3 and appeal pursuant to 43 CFR 3160.4

NMOCD

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

5/17/07

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

Fee Lease - 3 Copies
State Lease - 7 Copies
Submit to Appropriate District Office
Revised June 10, 2003
Form C-102

2007 APR 23 PM 3: 27

RECEIVED
BLM
BLM FARMINGTON NM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34286	² Pool Code 72319	³ Pool Name BLANCO MESAVERDE
⁴ Property Code 31330	⁵ Property Name SAN JUAN 32-8	
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	
		⁶ Well Number 5A
		⁹ Elevation 6637.0'

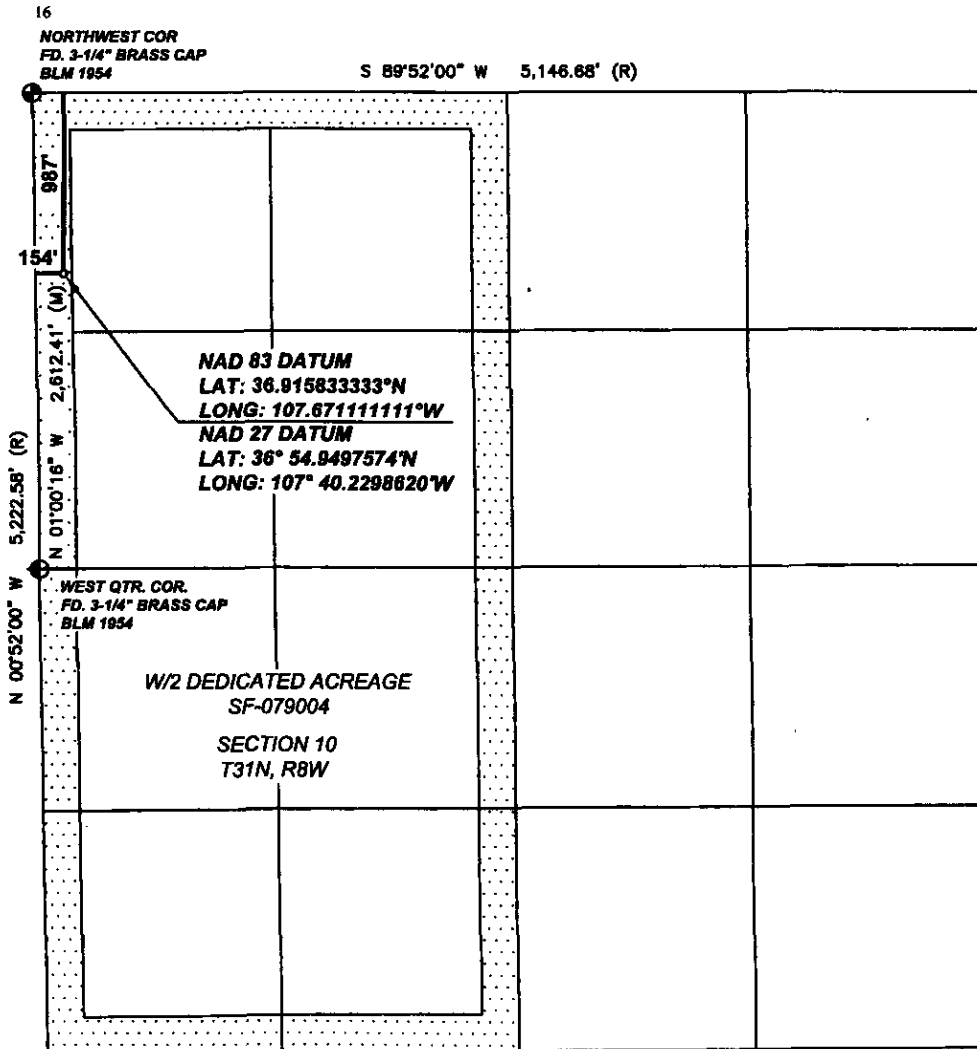
¹⁰ SURFACE LOCATION

UL or lot no. D	Section 10	Township 31-N	Range 08-W	Lot Idn	Feet from the 987	North/South line NORTH	Feet from the 154	East/West line WEST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
									RCVD MAY 16 2007 OIL CONS. DIV.
¹² Dedicated Acres 320 W2	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					
									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, 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.

Tracey N. Monroe

Signature
Tracey N. Monroe

Printed Name
Regulatory Assistant

Title and E-mail Address
October 10 2006

Date

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 of Survey: 8/25/06

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

Submit 3 Copies To Appropriate District
Office

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

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

3. Address of Operator
3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location
Unit Letter D : 987 feet from the North line and 154 feet from the West line
Section 10 Township 31N Range 8W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6637' GL

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 7200'
Pit Liner Thickness: 12 mll 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 Pit ☒

SUBSEQUENT REPORT OF:

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

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, Lined:

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 lined pits as detailed in ConocoPhillips' General Plan dated June 2005 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined 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 NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tracey N. Monroe TITLE Regulatory Technician DATE 12/29/2006

Type or print name Tracey N. Monroe E-mail address: Tracey.N.Monroe@conocophillips.com Telephone No. 505-326-9752
For State Use Only

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE MAY 17 2007

Conditions of Approval (if any):

CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 UNIT #5A

987' FNL, 154' FWL

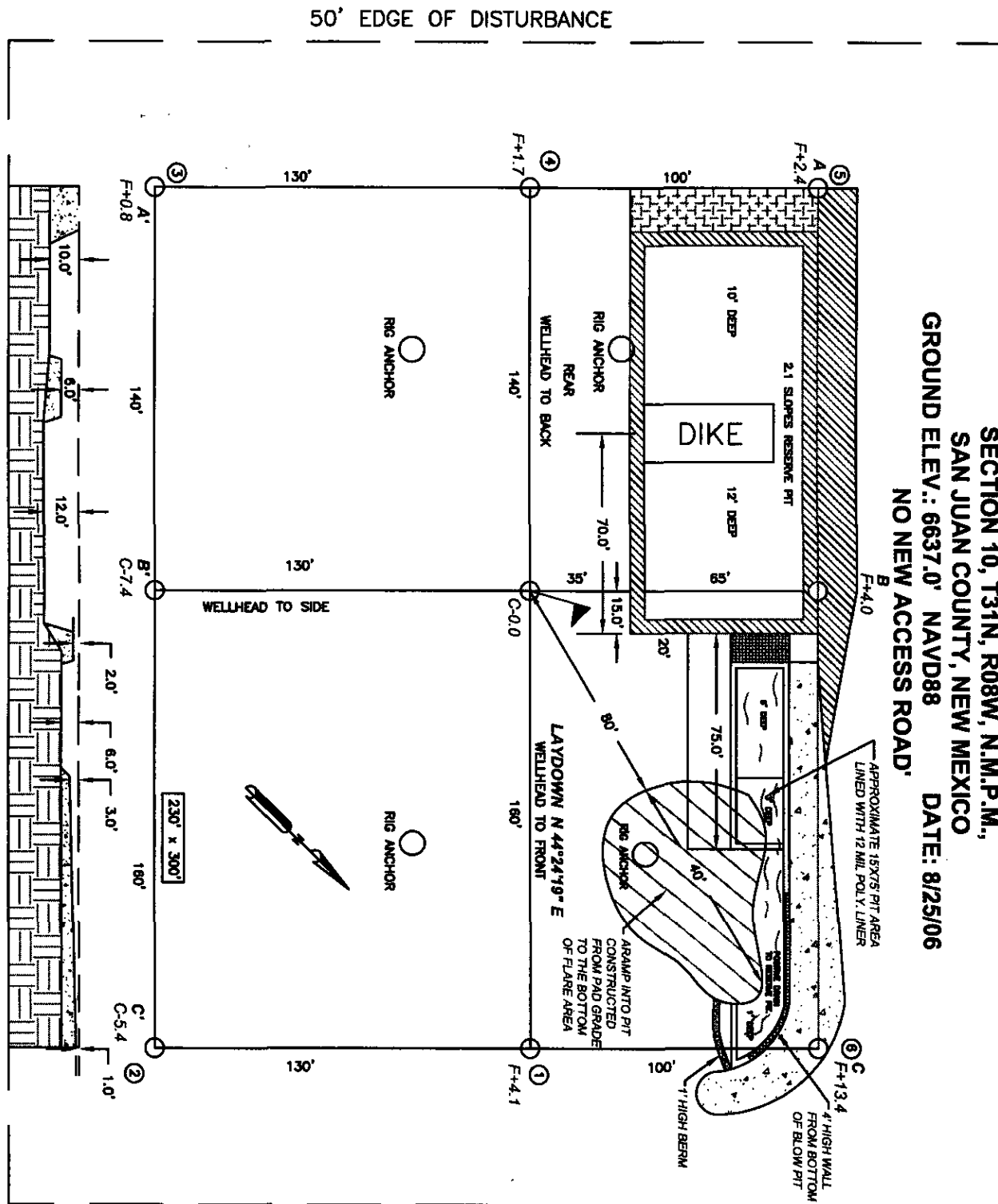
SECTION 10, T31N, R08W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 6637.0' NAVD88

DATE: 8/25/06

NO NEW ACCESS ROAD



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.
1300 W. BROADWAY
BLOOMFIELD, NM, 87413
PHONE: (505) 932-7177

PIT CROSS SECTION

NAD 83 LAT.: 36.91583°N / LONG.: 107.67111°W

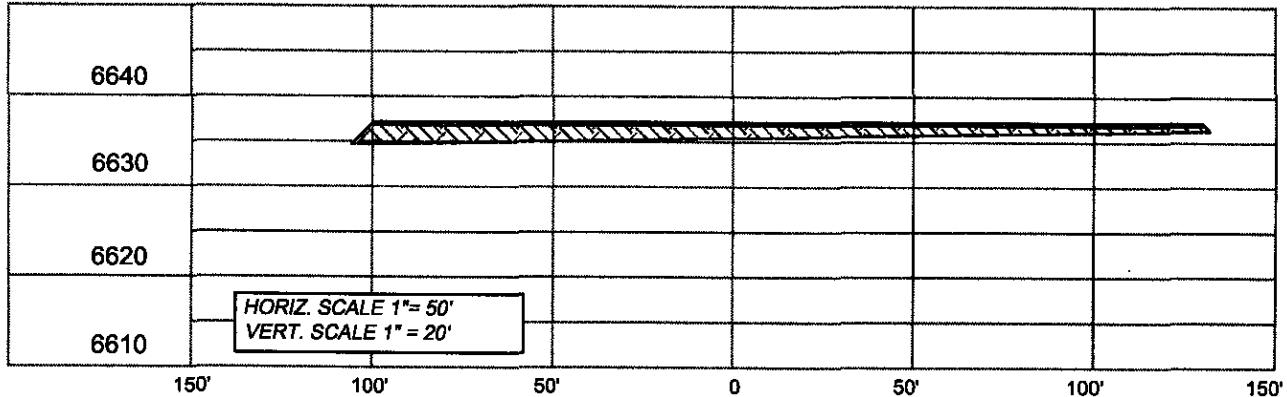
330' x 400' = 3.03 ACRES

CONOCOPHILLIPS COMPANY

SAN JUAN 32-8 UNIT #5A
 987' FLN, 154 FEL
 SECTION 10, T31N, R08W, N.M.P.M.,
 SAN JUAN COUNTY, NEW MEXICO
 ELEV.: 6637.0' NAVD88

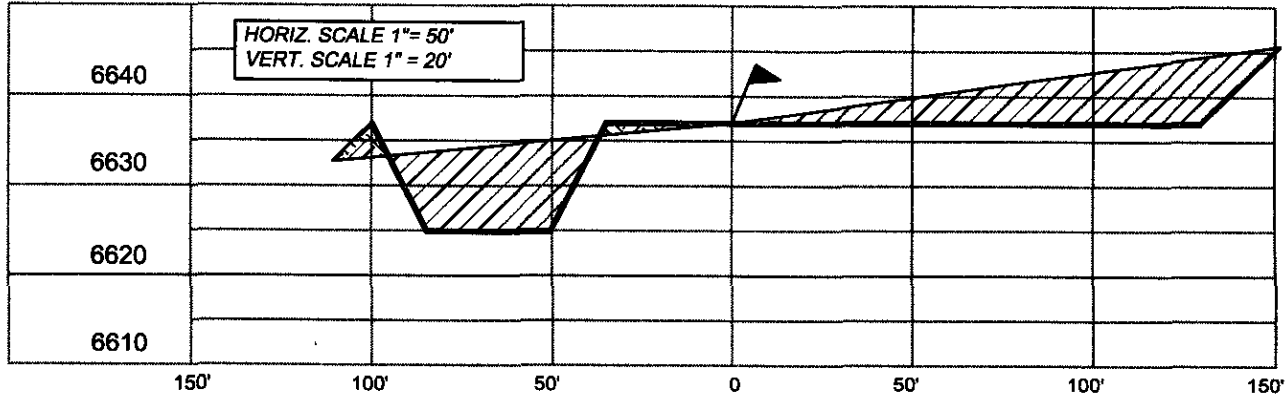
A - A'

C/L



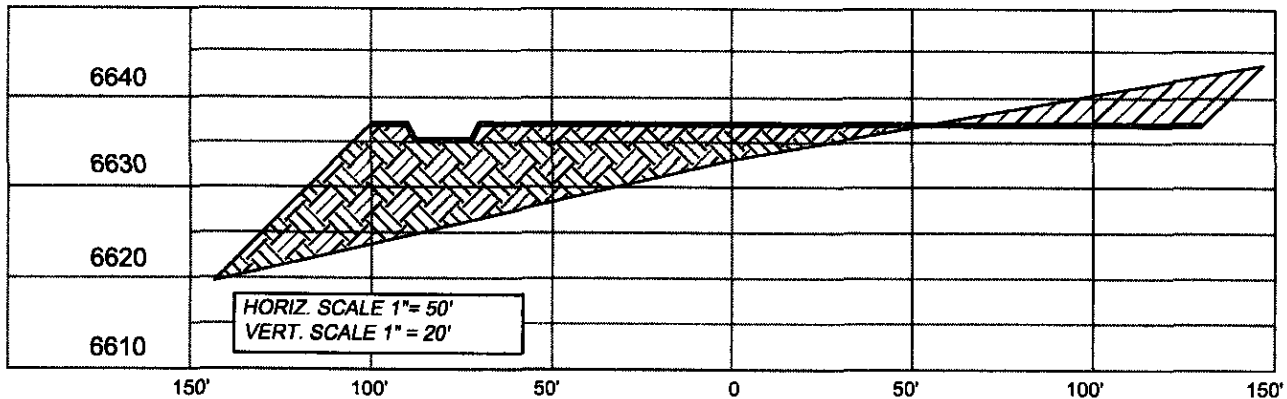
B - B'

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

CCI

CHENAULT CONSULTING INC.

1300 W. BROADWAY
 BLOOMFIELD, NM, 87413
 PHONE: (505) 632-7777

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 UNIT 5A

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7114		AFE \$: 621,760.88	
Field Name: 32-8		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer: Piotrowicz, Greg M.	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead: Fransen, Eric E.	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.915829	Longitude: -107.670498	X:	Y:	Section: 10	Range: 008W
Footage X: 154 FWL	Footage Y: 987 FNL	Elevation: 6637	(FT)	Township: 031N	
Tolerance:					
Location Type: Summer Only		Start Date (Est.):		Completion Date:	
Formation Data: Assume KB = 6653		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	213	6440	<input type="checkbox"/>		
OJAM	2410	4243	<input type="checkbox"/>		
KRLD	2480	4173	<input type="checkbox"/>		
FRLD	3300	3353	<input type="checkbox"/>		
PCCF	3660	2993	<input type="checkbox"/>		
LEWS	3770	2883	<input type="checkbox"/>		
Intermediate Casing	3870	2783	<input type="checkbox"/>		
HURF	4369	2284	<input type="checkbox"/>		
CHRA	4547	2106	<input type="checkbox"/>		
UCLFH	5212	1441	<input type="checkbox"/>		
CLFH	5498	1155	<input type="checkbox"/>		
MENF	5595	1058	<input type="checkbox"/>		
PTLK	5911	742	<input type="checkbox"/>	625	
TOTAL DEPTH MV	6261	392	<input type="checkbox"/>		
Remarks					
12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 169 cu. ft. Circulate cement to surface.					
Possible water flows.					
Possible gas.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 871 cu. ft. Circulate cement to surface.					
Gas					
Gas; possibly wet					
Gas.					
Gas.					
6-1/4" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Cement with 331 cu. ft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.					
Total Depth	6261	392	<input type="checkbox"/>		
Reference Wells:					
Reference Type	Well Name		Comments		
Intermediate	SJ 32-8 42		10-31N-8W-NE, KB = 6749		
Intermediate	SJ 32-8 19		3-31N-8W-SW, KB = 6709		

PROJECT PROPOSAL - New Drill / Sidetrack**SAN JUAN 32-8 UNIT 5A****DEVELOPMENT****Logging Program:**Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

CBL/GR

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - TD is 350' below PNLK

General/Work Description - NO LEWIS