

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2007 AUG -7 PM 4:13

1a. Type of Work DRILL	5. Lease Number SF-080245 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips	7. Unit Agreement Name RCVD SEP 10 '07 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hamner 9. Well Number #3M
4. Location of Well Unit C (NENW), 735' FNL & 1734' FWL, Latitude 36° 42.0979698 N Longitude 107° 48.2446701 W	10. Field, Pool, Wildcat Blanc MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 29, T29N, R9W API # 30-045-34388
14. Distance in Miles from Nearest Town 9 miles/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 735'	17. Acres Assigned to Well MV/DK 288.45 (W/2)
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 840' from Hamner#7	
19. Proposed Depth 6629'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5718' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	8-3-07 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 REQUIREMENTS".

NMOCD

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

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

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies

Fee Lease - 3 Copies
RCVD SEP 10 '07

☐ AMENDED REPORT
OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34388	² Pool Code 72319/71599	³ Pool Name MESAVERDE/DAKOTA	DIST. 3
⁴ Property Code A706609 31806	⁵ Property Name HAMNER		⁶ Well Number 3M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY		⁹ Elevation 5718.1'

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
C	29	T-29-N	R-09-W		735	NORTH	1734	WEST	SAN JUAN

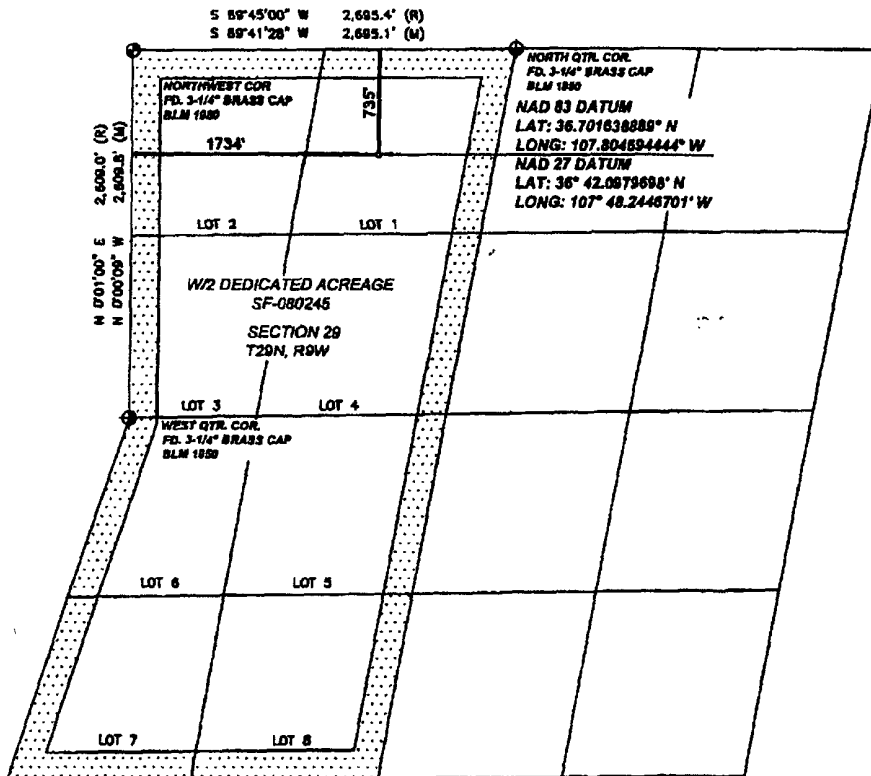
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C									

¹² Dedicated Acres 288.45 W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSP Basin DK NWU 3-800 Blanco MV R-128-D
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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

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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 in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kandis Roland
Signature

Kandis Roland
Printed Name

Regulatory Technician
Title and E-mail Address

March 1 2007
Date

March 1 2007
Date

March 1 2007
Date

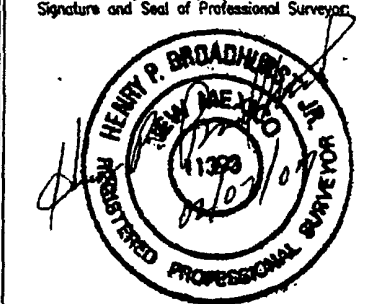
March 1 2007
Date

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: 01/28/07

Signature and Seal of Professional Surveyor



Certificate Number: NM 11393

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

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

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

WELL API NO.	30-045-34388
5. Indicate Type of Lease	STATE ☐ FEE ☐
6. State Oil & Gas Lease No.	Federal Lease SF-080245
7. Lease Name or Unit Agreement Name	Hamner
8. Well Number	#3M
9. OGRID Number	217817
10. Pool name or Wildcat	Blanco MV/Basin DK

SUNDY 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 C : 735' feet from the North line and 1734' feet from the West line
Section 29 Township 29N Rng 9W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5718'

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: 12 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 ☐
OTHER: New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
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.

RCVD SEP 10 '07
OIL CONS. DIV.
DIST. 3

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 Rhonda Rogers TITLE Regulatory Technician DATE 8-3-07

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE SEP 17 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HAMNER 3M

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7179		AFE \$:	
Field Name: NEW MEXICO-WEST		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Brain, Ted H.		Phone: 832-486-2592		Prod. Engineer:	
Res. Engineer: Harrington, Tim R.		Phone: 832-486-2207		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: 36.701288	Longitude: -107.802795	X:	Y:	Section: 29	Range: 009W
Footage X: 1734 FWL	Footage Y: 735 FNL	Elevation: 5718	(FT)	Township: 029N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5732	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	191 200	5541	☐			12-1/4" hole. 9-5/8" 32.3 ppf, H-40, STC casing. Cement with 171 cuft. Circulate cement to surface.
OJAM	1040	4692	☐			Possible water flows.
KRLD	1190	4542	☐			
FRLD	1867	3865	☐			Possible gas.
PCCF	2102	3630	☐			
LEWS	2184	3548	☐			
CHRA	3091	2641	☐			
CLFH	3780	1952	☐			Gas; possibly wet
MENF	3804	1928	☐			Gas.
Intermediate Casing	3954	1778	☐			8-3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 896 cuft. Circulate cement to surface.
PTLK	4378	1354	☐	650		Gas.
GLLP	5519	213	☐			Gas. Possibly wet.
GRHN	6334	-602	☐	2000		Gas possible, highly fractured
GRRS	6388	-656	☐			
PAGU	6514	-782	☐			Gas. Highly Fractured.
CBBO	6544	-812	☐			Gas
CBRL	6564	-832	☐			
TD	6629	-897	☐			6-1/4" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Cement with 368 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	Hamner 3A	29,29N,9W, NW
Intermediate	San Juan 29-9-29 #2S	29-29N-9W, NW

PROJECT PROPOSAL - New Drill / Sidetrack

HAMNER 3M

DEVELOPMENT

Logging Program:Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☒ TDT**Additional Information:**

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM029N009W29NW2 DKNM029N009W29NW2

Zones - MVNM029N009W29NW2 DKNM029N009W29NW2

General/Work Description - 5/25/07 Name changed from 3F to 3M per Brian Dart.

CONOCOPHILLIPS COMPANY

HAMNER #3F m

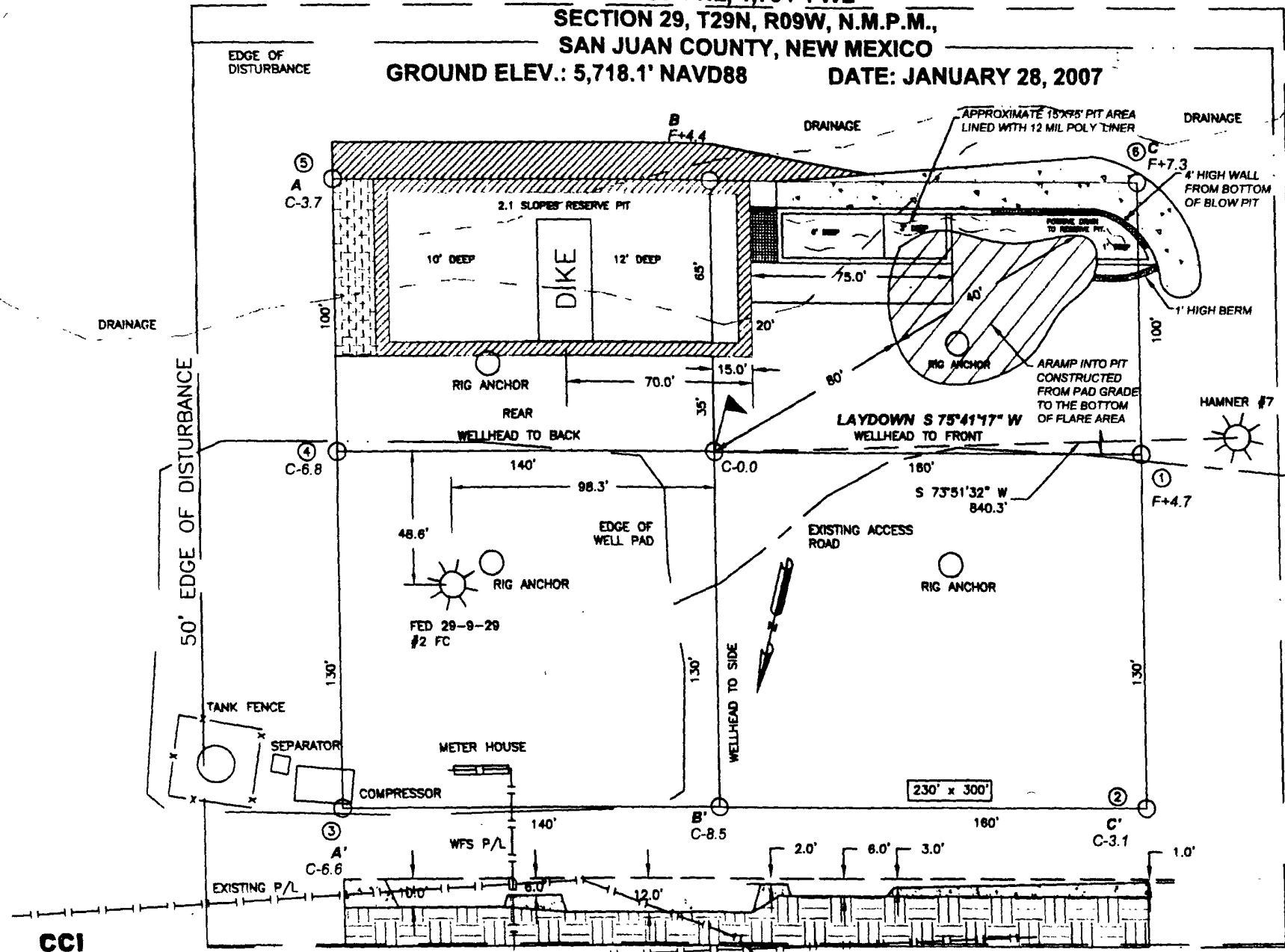
735' FNL, 1,734' FWL

SECTION 29, T29N, R09W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 5,718.1' NAVD88

DATE: JANUARY 28, 2007



PIT CROSS SECTION

NAD 83 LAT: 36.

18889° N LONG: 107.804894444° W

330' x 400' = 3.03 ACRES

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) 632-7777

CONOCOPHILLIPS COMPANY

HAMNER #3FM

735' FNL, 1,734' FWL

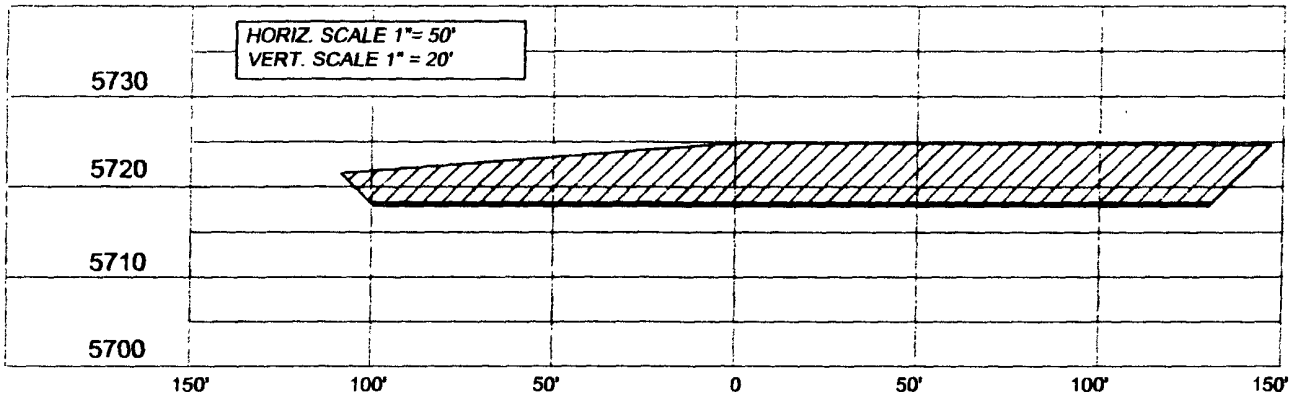
SECTION 29, T29N, R09W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 5718.1' NAVD88

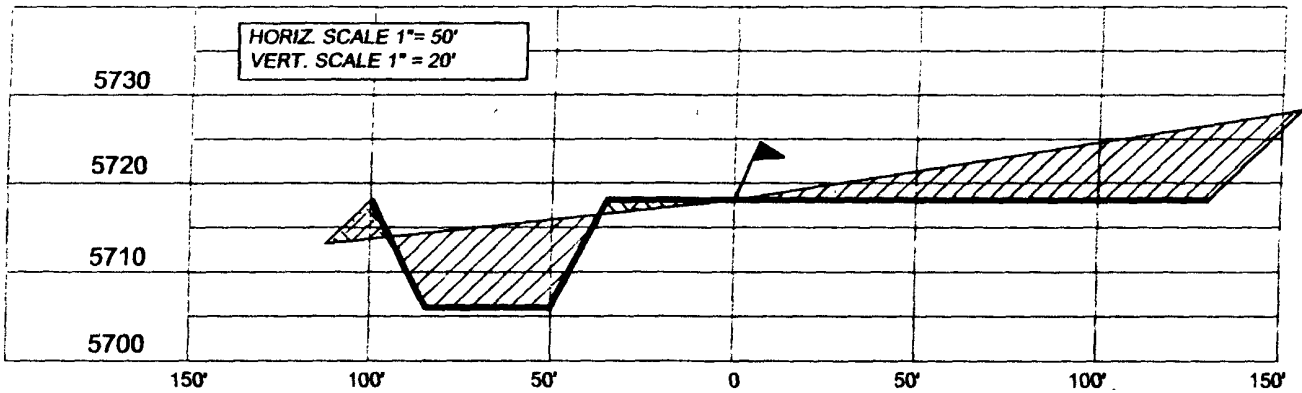
A - A'

C/L



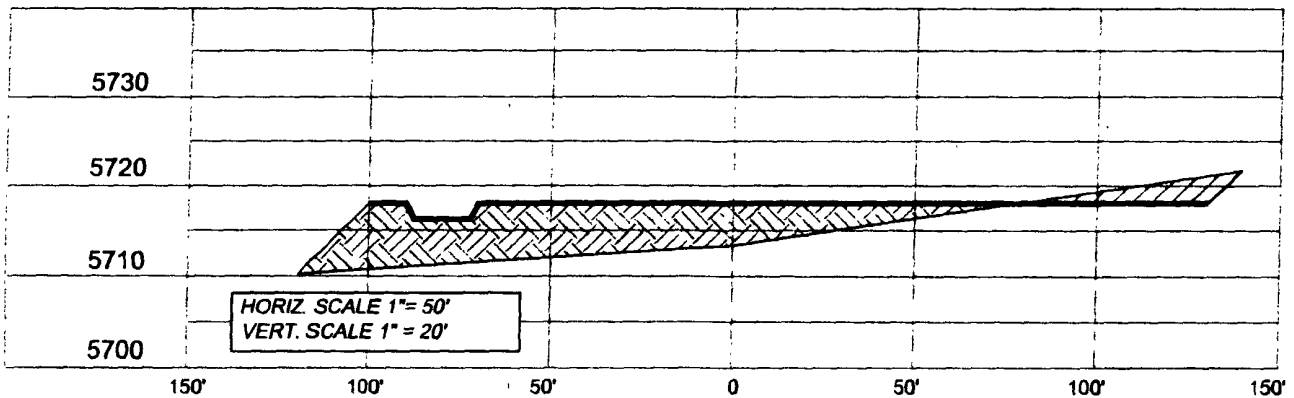
B - B'

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

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

CHENAULT CONSULTING INC.