

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078995/b Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator ConocoPhillips	7. Unit Agreement Name DIST. 3 San Juan 32-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #18M
4. Location of Well Unit O (SWSE), 678' FSL & 1712' FEL, Latitude 36.923126 N Longitude 107.591249 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 5, T31N, R7W API # 30-045-34507
14. Distance in Miles from Nearest Town 44' miles/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 678'	17. Acres Assigned to Well MV - R1066 F 321.66 AC MV - R1066 F 321.66 AC (S/2)
16. Acres in Lease 2537.370	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or App'd for on this Lease 565' SJ 32-7 219A FC	
19. Proposed Depth 8186'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6609' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory) Technician	11-09-07 Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Wayne Townsend TITLE Acting AFM DATE 12-5-07

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.

Example Master Plan Type 3

Bond Numbers ES-0048 and ES-0085

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

NMOCD

DEC 13 2007

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

NOTIFY AZTEC OGD 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

NOV 13 2007

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

Bureau of Land Management
Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34507	² Pool Code 72319/71599	³ Pool Name Blanco MESAVERDE / Basin Dakota
⁴ Property Code 31329	⁵ Property Name SAN JUAN 32-7 UNIT	⁶ Well Number 18M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6609

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
O	5	31-N	7-W		878	SOUTH	1712	EAST	SAN JUAN

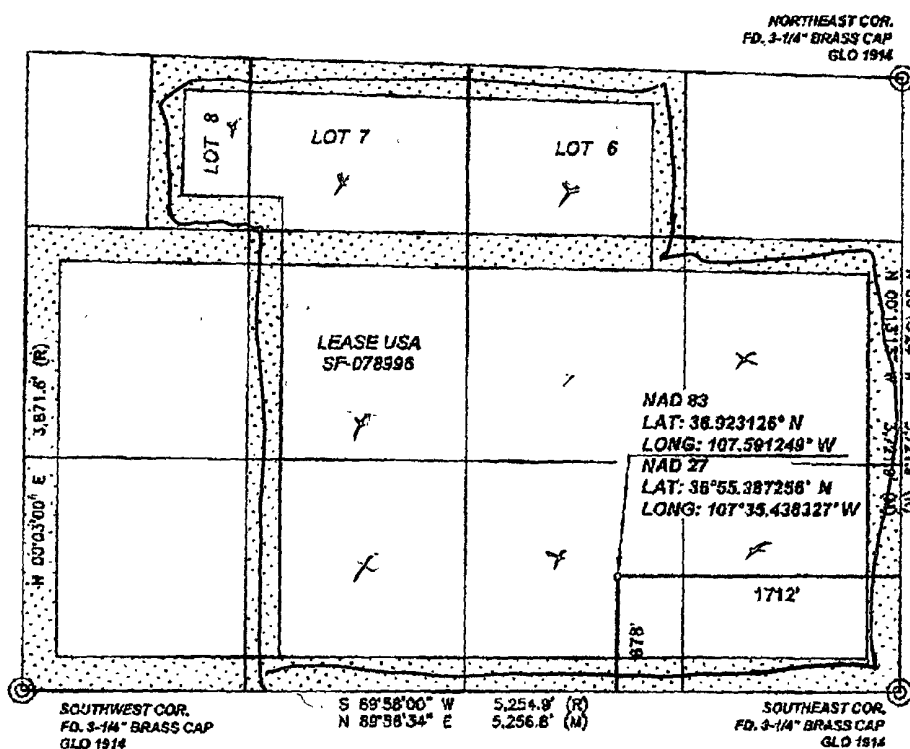
¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres MV 321.66 OK 320 S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-1088 TRACT F 321.66 AC LOTS 6, 7, 8 E/4 SW/4, SE/4
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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

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 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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
Signature: <u>Kandis Roland</u>	
Printed Name: <u>Kandis Roland</u>	
Title and E-mail Address: <u>Regulatory Technician</u>	
Date: <u>6/22/07</u>	
18 SURVEYOR CERTIFICATION	
I hereby certify that the well location shown on this plat was placed 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: <u>6/6/07</u>	
Signature and Seal of Professional Surveyor:	
Certificate Number: <u>ND 11393</u>	

forced 320 S/2 per S.H.
8

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1625 N French Dr., Hobbs, NM 88240

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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.

30-045- 34507

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

Federal Lease SF-078995-6

7. Lease Name or Unit Agreement Name

San Juan 32-7 Unit

8. Well Number

#18M

9. OGRID Number

217817

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

ConocoPhillips

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter O

: 678'

feet from the

South

line and

1712'

feet from the

East

line

Section 14

Township 31N

Rng 8W

1W

NMPM

County

San Juan

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

6609'

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 ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

OTHER:

New Drill

☒

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

Rhonda Rogers

TITLE

Regulatory Technician

DATE

9-13-07

Type or print name

Rhonda Rogers

E-mail address:

rogerr@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

[Signature]

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

DEC 13 2007

Conditions of Approval (if any):

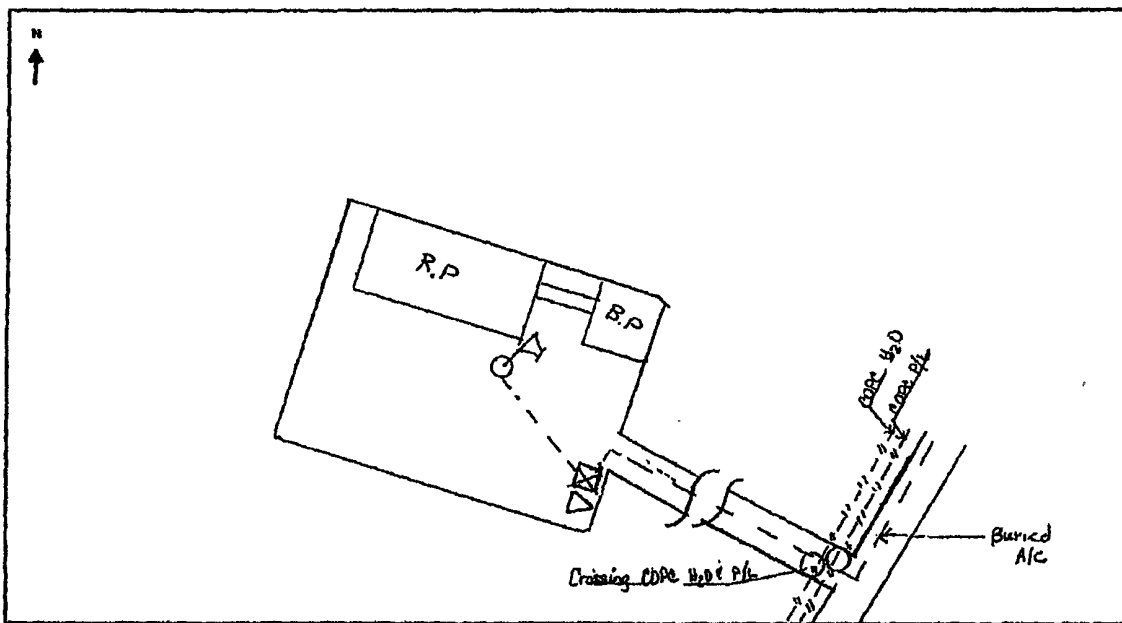


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME S.J. 32-7 # 18M LEGALS F-5-31-7 COUNTY San Juan

PURPOSED C.P. SYSTEM: Drill G.B. and set rectifier on S.E. corner of location. Trench approx 200' of #8 Neg. Cable from rectifier to well head. Tap into U.G.A.C. at main road trench approx 1300' from main road to new rectifier.



EXISTING WELLHEAD	METER HOUSE	G.E.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS:

NEAREST POWER SOURCE U.G.A.C. DISTANCE: 1520'

PIPELINES IN AREA: COPE P/L + H₂O

TECHNICIAN: Michael J. Hagen DATE: 8/30/06

6 CR 5412 BLOOMFIELD, N.M. 87413
OFFICE: 505-634-0271 CELL: 505-793-6953

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 32-7 UNIT 18M

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7155		AFE \$:	
Field Name: 32-7		Rig: Aztec Rig 184		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Brain, Ted H.		Phone: 832-486-2592		Prod. Engineer:	
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: 36.923121	Longitude: -107.590639	X:	Y:	Section: 05	Range: 007W
Footage X: 1712 FEL	Footage Y: 678 FSL	Elevation: 6609 (FT)	Township: 031N		

Tolerance:

Location Type: Restricted	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6625 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6425	☐			12-1/4" hole. 9-5/8", 32.3 ppf, H-40, STC casing. Cement with 159 cubic ft. Circulate cement to surface.
OJAM	2367	4258	☐			
KRLD	2475	4150	☐			
FRLD	3012	3613	☐			Possible Gas
PCCF	3495	3130	☐			
LEWS	3617	3008	☐			
Intermediate Casing	3717	2908	☐			8-3/4" hole. 7", 20 ppf, J-55, STC Casing. Cement with 837 cubic ft. Circulate cement to surface.
CHRA	4699	1926	☐			
UCLFH	5163	1462	☐			
MASSIVE CLIFF HOUSE	5500	1125	☐	894		Gas
MENF	5549	1076	☐			
PTLK	5799	826	☐			
MNCS	6250	375	☐			
GLLP	7137	-512	☐			
GREENHORN	7869	-1244	☐			
GRHN	7869	-1244	☐			
GRRS	7919	-1294	☐			
CBRO	8041	-1416	☐	2800		Gas
CBRL	8080	-1455	☐			
ENCINAL	8146	-1521	☐			TD 40' below T/ENCN, Bottom Perf est 8166'
TOTAL DEPTH DK	8186	-1561	☐			6-1/4" hole. 4-1/2", 10.5/11.6 ppf, J-55, STC/LTC casing. Cement with 608 cubic ft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
Intermediate	SJ 32-7 18A	SE 5-31N-7W
Production	SJ 32-7 22-29	SW 29-32N-7W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-7 UNIT 18M

DEVELOPMENT

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

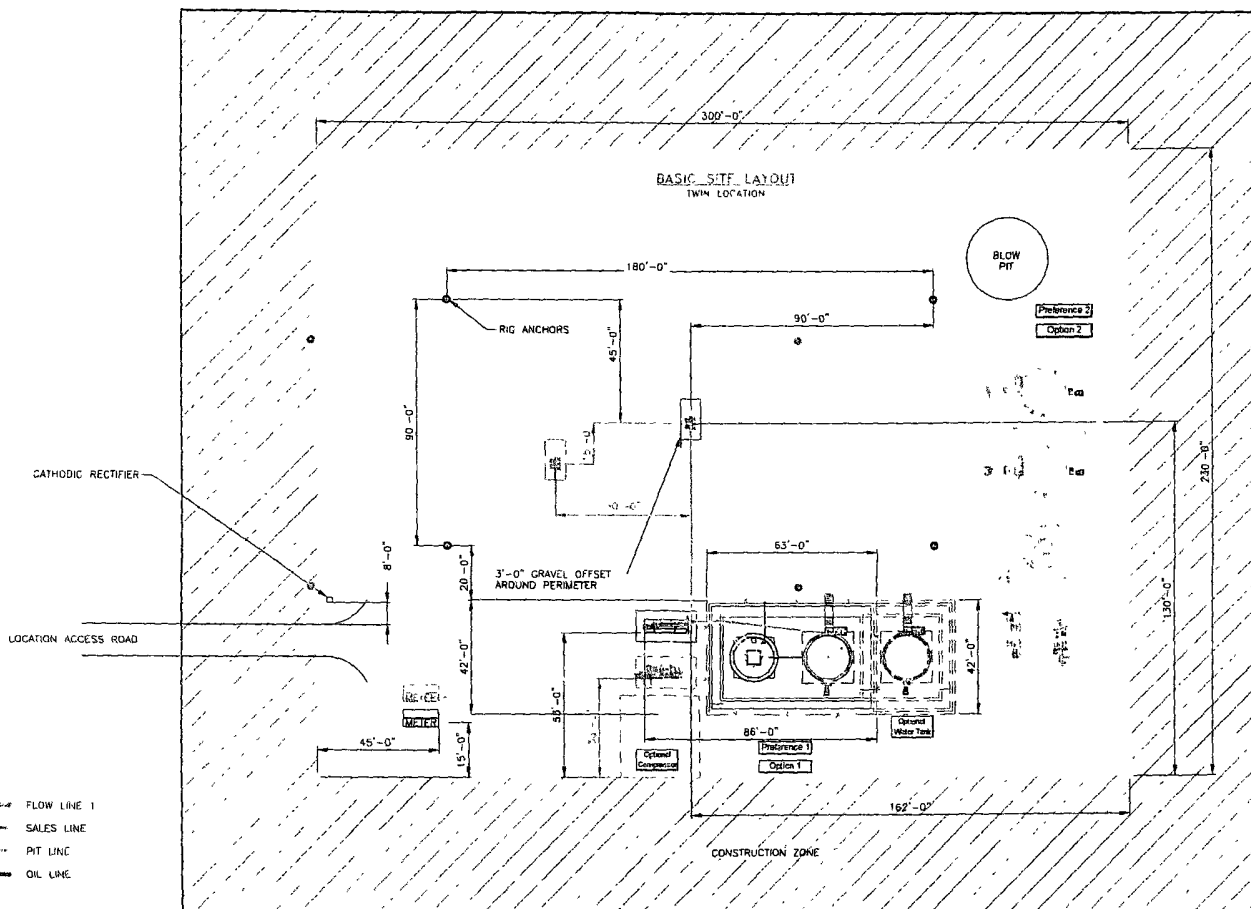
TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
GR_CBL, Mudlog 100' above GRHN to TD							

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

Comments: Location/Tops/Logging - Deepened from Kmv only to Dakota! Nearby 32-7 #38 IP 984 MCFD Kd sec 33-32N-7W. Sparse control. Mudlogger 100' above GRHN to TD

General/Work Description - 8/9/07 - Project moved from 2009 to 2008 per J. Carrillo - LM
 3/15/07 Name changed from 32-7 18B to 32-7 UNIT 18M to reflect first MV/DK commingle in this drillblock- Keith Livingston
 3/13/07 Added the DK formation per RAM
 3/1/07 name change from 33 to 18B per land wfp
 10/26/2006 cjm: hCOP wanted to drill and complete the following wells in 2007:
 31N07W04NE1- Defer to 2008 (P1)
 31N07W04NW1- Drill in 2007 (BDS)
 31N07W05NW1- Defer to 2008 (P1)

Update this case with results from the 31N07W04NW1 at Accountability time.
 Using the hBR resource assessment information we decided to drill the well in section 4 in the NW to the DK and Commingle with the MV. We want Layer Pressure Testing and Electric logs. We are on the edge of the MV development (hBR maps) for this area and this is a good test for the Dakota as a stepout from 32-7 Section 33. If the Dakota is productive, the other two wells will also be drilled to the DK in 2008. The well in the NW of section 5 should be a good well but the well in Section 4 NE has some risk as a standalone MV well. The NW well in Section 4 seems to be the better well to drill for the MV in 2007 but not move too far away for the DK stepout.



SEE SHEET 3.2.4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 2'-0" TOP

SHEET 1 OF 3

										CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT	
										SAN JUAN BUSINESS UNIT	
										C/SHEET 103 1 OF 5	
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678' FSL, 1712' FEL

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEV.: 6609 NAVD88 DATE: JUNE 6, 2007
NEW ACCESS 280'



CHENAULT CONSULTING INC.

P.O. BOX 328
BLOOMFIELD NM, 87413
PHONE: (505)325-7707

PIT CROSS SECTION

NAD 83 LAT.: 36.923126°N / LONG.: 107.591249°W

330' x 400' = 3.03 ACRES

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

NOTES:

CONOCOPHILLIPS COMPANY

SAN JUAN 32-7 UNIT 18M

678' FSL, 1712' FEL

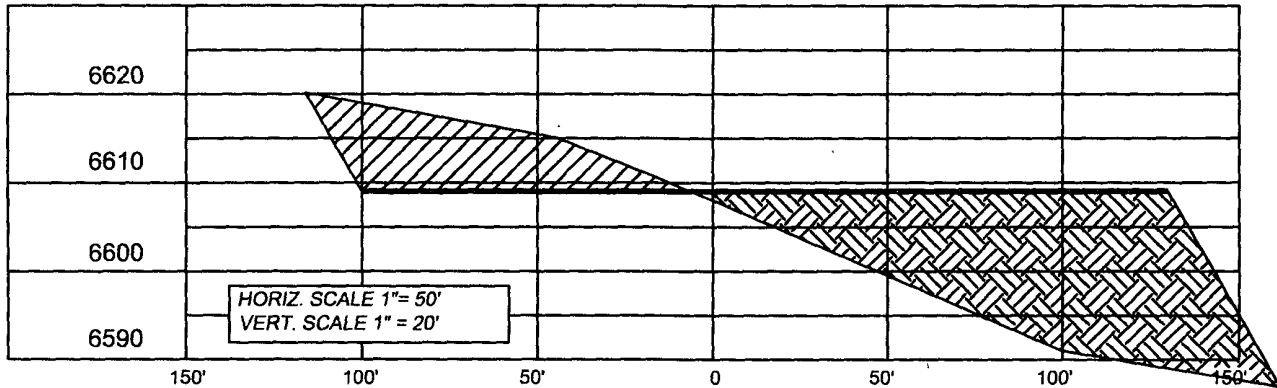
SECTION 5, T-31-N, R-7-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6609 NAVD88

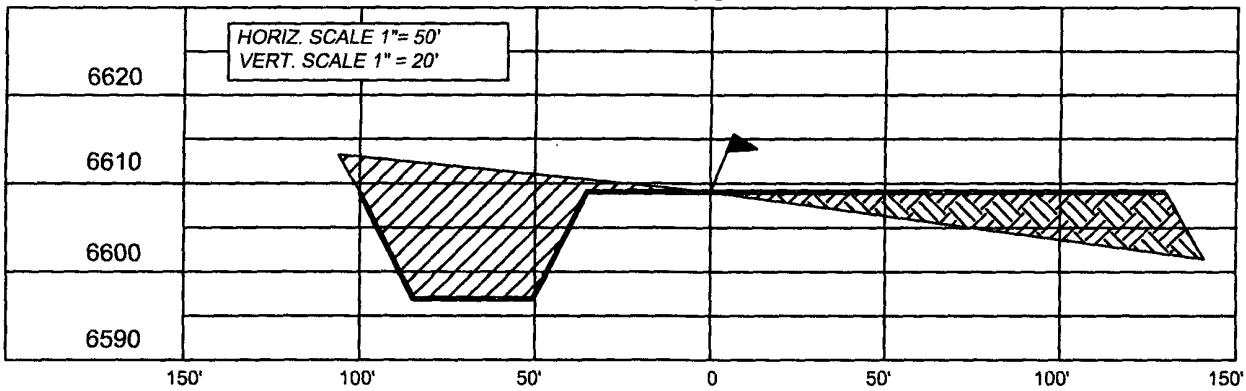
A - A'

C/L



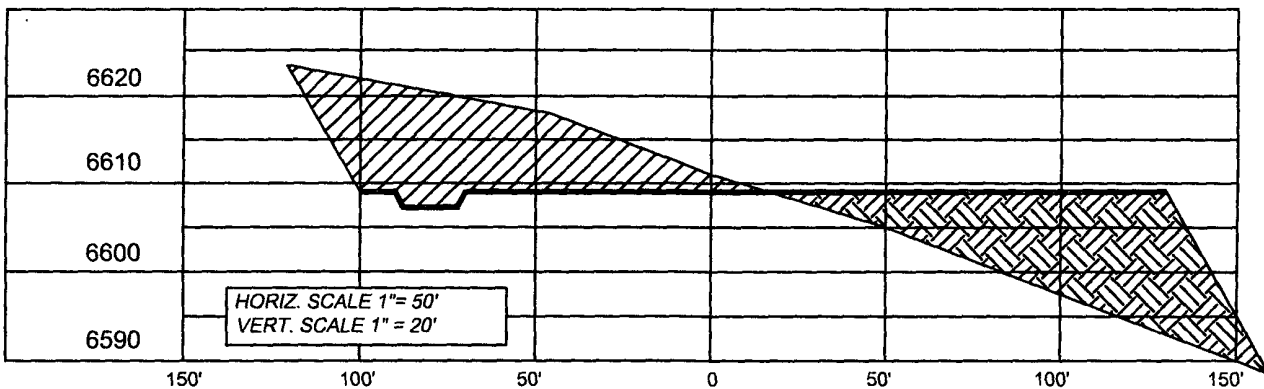
B - B'

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
1	ISSUE FOR REVIEW	L.H.	6/6/07

CCI

CHENAULT CONSULTING INC.

P.O. BOX 328
BLOOMFIELD, NM, 87413
PHONE: (505)325-7707