

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD OCT 26 '07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED OCT 1 2007 Bureau of Land Management Farmington Field Office	5. Lease Number SF-080379
1b. Type of Well GAS		Unit Reporting Number 6. If Indian, All. or Tribe NMNM-78416A-MV
2. Operator ConocoPhillips		7. Unit Agreement Name San Juan 29-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #13C
4. Location of Well Surf: Unit B (NWNE), 350' FNL & 2615' FEL, BH: Unit N (SESW), 1045' FSL & 2280' FWL, Surf: Latitude 36° 44.7854 N Longitude 107° 30.2192 W BH: Latitude 36° 45.0158 N Longitude 107° 30.2942 W		10. Field, Pool, Wildcat Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 7, T29N, R6W BH: Sec. 6, T29N, R6W API # 30-039- 30385
14. Distance in Miles from Nearest Town 11 miles/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 350'		
16. Acres in Lease 1118.6	17. Acres Assigned to Well MV/DK 319.65 (W/2) = Sec 6	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 50' from San Juan 29-6 11B		
19. Proposed Depth 6225' TVD/6531' TMD	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6784' GL	22. Approx. Date Work will Start 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 9-28-07 Date	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Rhonda Rogers (Regulatory Technician)		

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

Bond Numbers ES-0048 and ES-0085

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

NMOCD

OCT 30 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 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 OCT 1 2007

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Bureau of Land Management

Form C-102

Revised October 12, 2005

Instructions on back
Appropriate District Office

State Lease - 4 Copies

Free Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number' 30-039-30385	'Pool Code' 72319	'Pool Name' BLANCO MESAVERDE
'Property Code' 31326	'Property Name' SAN JUAN 29-6 UNIT	'Well Number' 13C
'OGRID No.' 217817	'Operator Name' CONOCOPHILLIPS COMPANY	'Elevation' 6784'

¹⁰ Surface Location

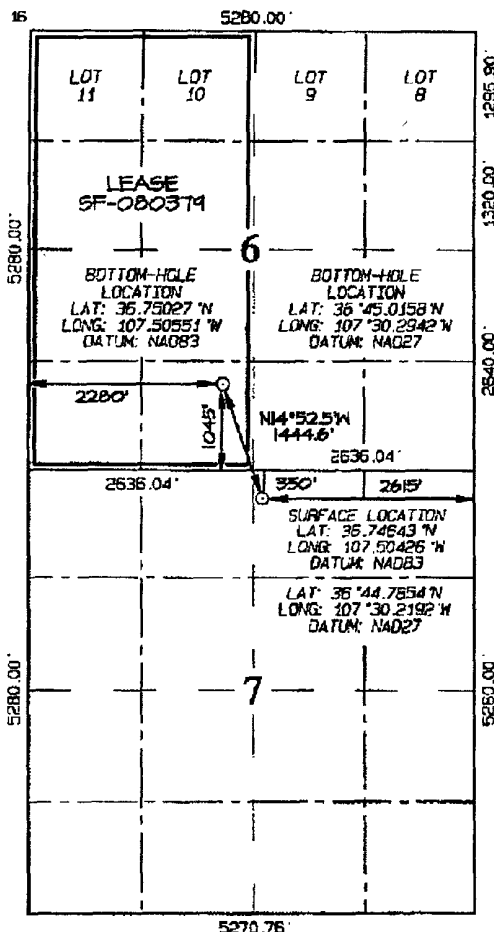
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	7	29N	6W		350	NORTH	2615	EAST	RIO ARriba

¹¹Bottom Hole Location If Different From Surface

U. of Lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	29N	6W		1045	SOUTH	2280	WEST	RIO ARBITA

¹² Dedicated Acres 319.65 Acres - W/2	¹³ Joint or Infill	¹⁴ Correlation Code	¹⁵ Order No.
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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



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 mineral interest and that the proposed pooling agreement is a compulsory pooling order heretofore entered by the Division.

Signature Kandis Roland Date 10/22/07

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

Date of Survey: MAY 17, 2007

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- 30385

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease SF-080379

7. Lease Name or Unit Agreement Name

San Juan 29-6 Unit

8. Well Number

#13C

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

B

:

350'

feet from the

North

line and

2615'

feet from the

East

line

Section

7

Township

29N

Rng

6W

NMPM

County

Rio Arriba

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

6784'

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:

NA

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/flame 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 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. 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

TITLE

Regulatory Technician

DATE

9-28-07

Type or print name

Rhonda Rogers

E-mail address:

rogerrs@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

OCT 30 2007

Conditions of Approval (if any):

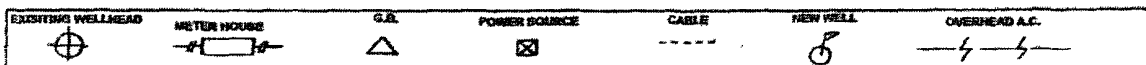
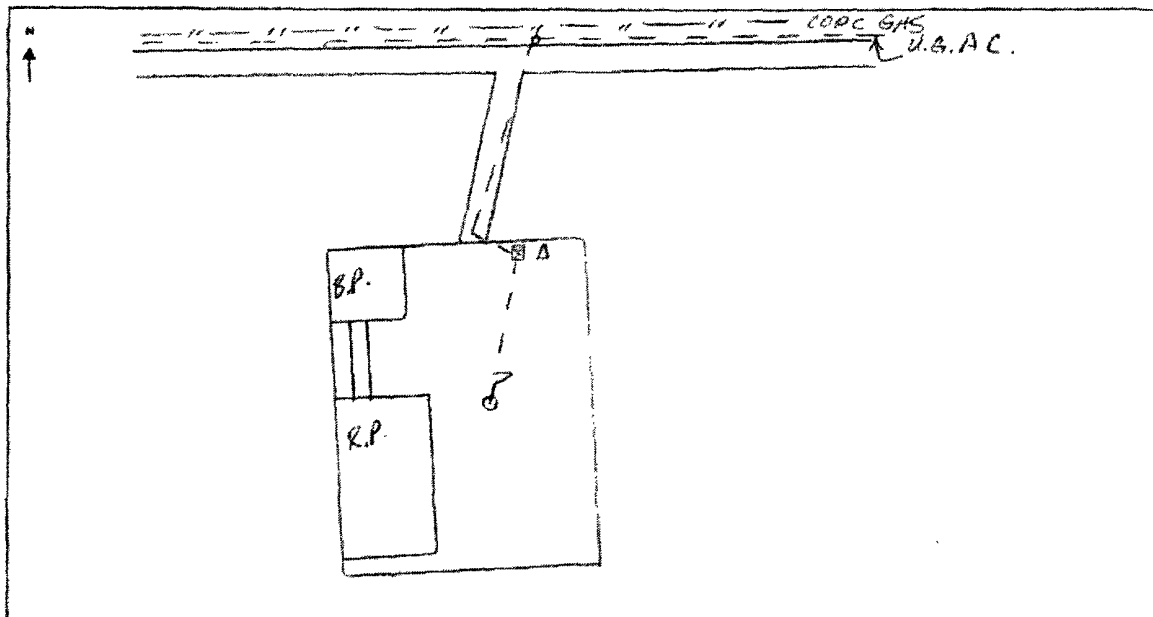


TECHNICAL SERVICES
A CORPORATION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME SJ. 29-6 #13C LEGALS K-6-29-6 COUNTY R.A.

PURPOSED C.P. SYSTEM: DRILL G.B. & SET RECT. ON NORTH EDGE OF LOT. TRENCH @
200' FROM RECT. TO W.H. ALSO TRENCH @ 700' OF A.C. FROM MAIN RD TO
LOCATION.



COMMENTS: _____

NEAREST POWER SOURCE U.G. A.C. ON MAIN RD. DISTANCE: 700'
PIPELINES IN AREA: 1- COPE GAS

TECHNICIAN: [Signature] DATE: 1-7-06

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

See 2/1/06

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-6 UNIT 13C

DEVELOPMENT

Lease:		AFE #: WAN.CNV.6123				AFE \$: 828,849.89	
Field Name: 29-6		Rig: XXX 2009 Directional		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead: Fransen, Eric E.		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.746484	Longitude: -107.503655	X:	Y:	Section: 07		Range: 006W	
Footage X: 2615 FEL		Footage Y: 350 FNL		Elevation: 6784 (FT)	Township: 029N		
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Straight Hole							
Latitude: 36.750264	Longitude: -107.504905	X:	Y:	Section: 06		Range: 006W	
Footage X: 2280 FWL		Footage Y: 1045 FSL		Elevation: (FT)	Township: 029N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6825		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
SURFACE CSG	215	6610	☐			Severe Lost Circulation is possible. 12 1/4" Hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 170 cu. ft. Circulate cement to surface.	
NCMT	1725	5100	☐				
OJAM	2725	4100	☐			Possible water flows.	
KRLD	2975	3850	☐				
PCCF	3715	3110	☐				
LEWS	3915	2910	☐				
Intermediate Casing	4100	2725	☐			8 3/4" hole. 7", 23 ppf, L-80, LTC Casing. Cement with 992 cu. ft. Circulate cement to surface.	
CHRA	4705	2120	☐				
CLFH	5545	1280	☐			Gas; possibly wet	
MENF	5595	1230	☐			Gas.	
PTLK	5875	950	☐	600		Gas.	
MNCS	6125	700	☐				
TOTAL DEPTH MV	6225	600	☐			6 1/4" hole. 4 1/2", 11.6 ppf, L-80, LTC casing. Cement with 295 cu. ft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.	
Reference Wells:							
Reference Type	Well Name		Comments				
Production	SJ 29-6 11B		NWNE 7-29N-6W				

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-6 UNIT 13C

DEVELOPMENT

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

TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP ☒	TDT
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Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates
Planning Report

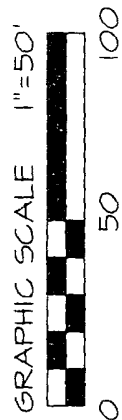
Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 29-6 #13C
Company:	ConocoPhillips Lower 48	TVD Reference:	Generic Rig RKB @ 6799.0ft (Generic Rig)
Project:	San Juan Basin	MD Reference:	Generic Rig RKB @ 6799.0ft (Generic Rig)
Site:	Russell's Site for Directional MV/DK wells	North Reference:	True
Well:	SJ 29-6 #13C	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 29-6 #13C		
Design:	APD Directional Plan		

Targets									
Target Name hit/miss target Shape	Dip Angle (d)	Dip Dir (d)	TVD (ft)	+N/-S ft	+E/-W ft	Northing (m)	Easting (m)	Latitude	Longitude
SJ 29-6 #13C PCP - plan hits target - Point	0 00	0 00	6,225.0	1,398.1	-366.2	637,800.60	181,728.06	36° 45' 00.948" N	107° 30' 17.652" W
SJ 29-6 #13C ICP - plan hits target - Point	0 00	0 00	4,100.0	1,398.1	-366.2	637,800.58	181,728.05	36° 45' 00.948" N	107° 30' 17.652" W

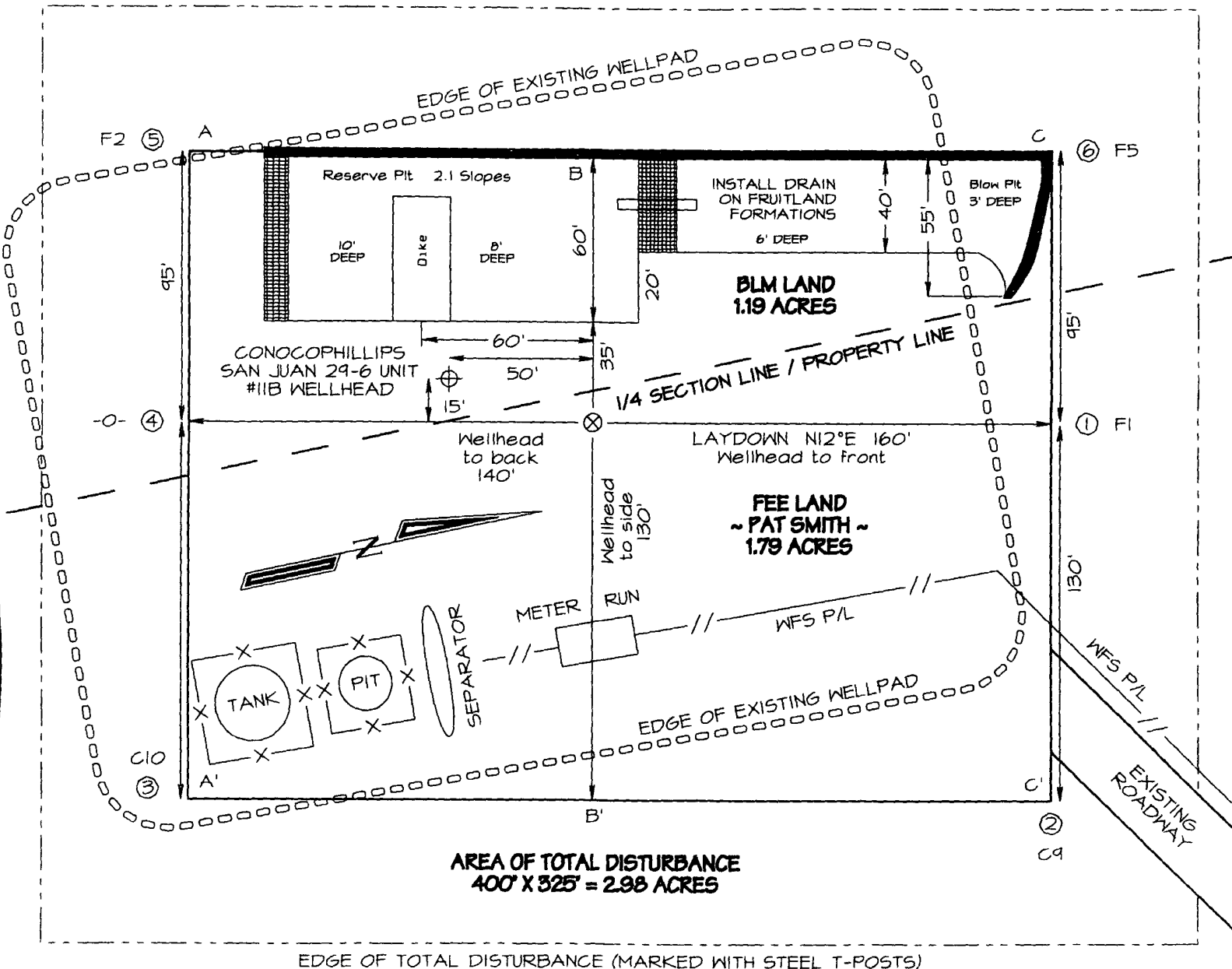
Casing Points					
Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (in)	Hole Diameter (in)
215.0	215.0	9 5/8"		9.625	12.250
4,405.6	4,100.0	7"		7.000	8.750
6,530.5	6,224.9	4 1/2"		4.500	6.250

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (d)	Dip Direction (d)	
1,830.1	1,725.0	Nacimiento		0.00		
2,941.3	2,725.0	Ojo		0.00		
3,219.1	2,975.0	Kirtland		0.00		
4,017.9	3,715.0	Pictured Cliffs		0.00		
4,220.3	3,915.0	Lewis		0.00		
5,010.6	4,705.0	Chacra		0.00		
5,850.6	5,545.0	Mass. Cliffhouse		0.00		
5,900.6	5,595.0	Menefee		0.00		
6,180.6	5,875.0	Point Lookout		0.00		
6,430.6	6,125.0	Mancos		0.00		
6,530.6	6,225.0	TD		0.00		

CONOCOPHILLIPS COMPANY SAN JUAN 29-6 UNIT #13C
 350' FNL & 2615' FEL, SECTION 7, T29N, R6W, NMPM
 RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6784'



LATITUDE: 36°44.7854'N
 LONGITUDE: 107°30.2192'W
 DATUM: NAD1927



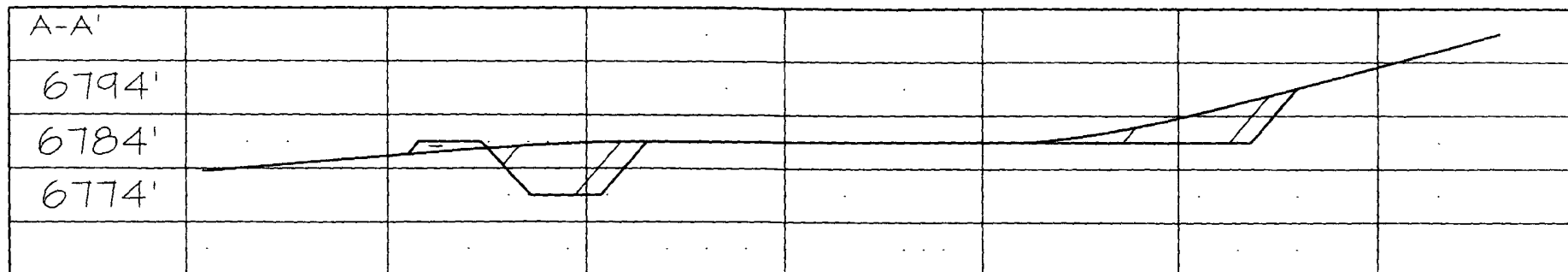
NCE SURVEYS IS NOT LIABLE FOR LOCATION OF UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CONTACT ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED UNDERGROUND UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

CONOCOPHILLIPS COMPANY SAN JUAN 29-6 UNIT #13C
 350' FNL & 2615' FEL, SECTION 7, T29N, R6W, NMPM
 RIO ARRIBA COUNTY, NEW MEXICO ELEVATION: 6784'

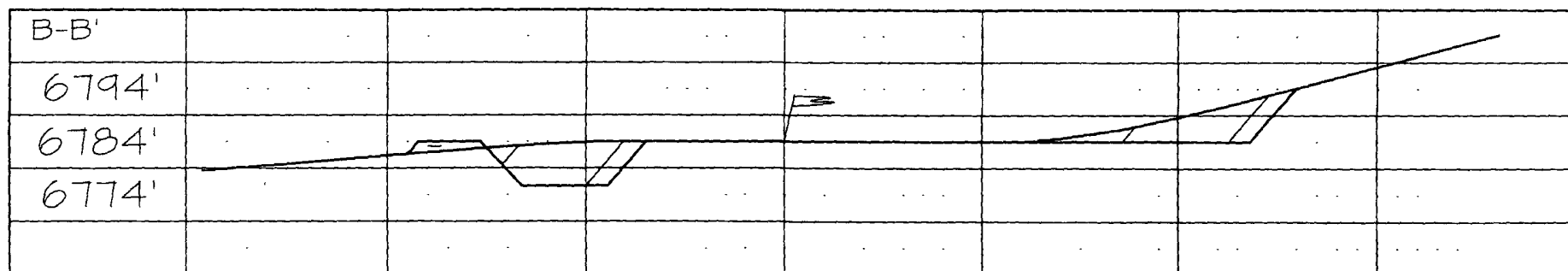
HORIZONTAL SCALE 1"=40'

C/L

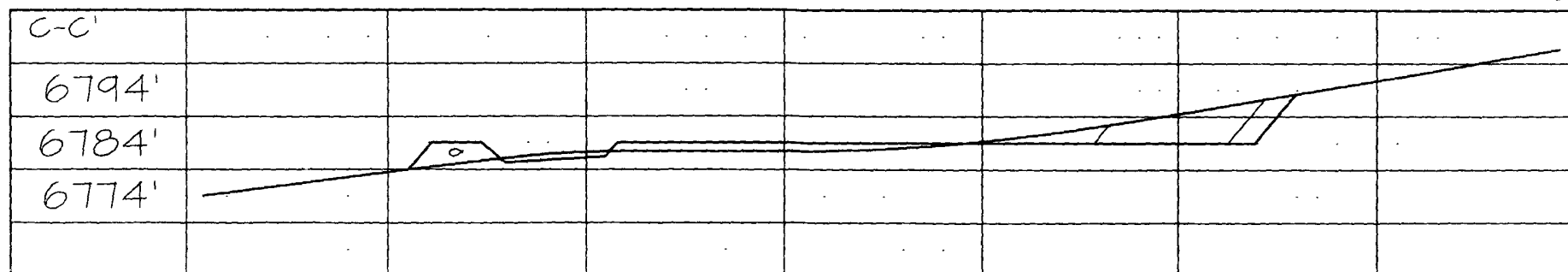
VERTICAL SCALE 1"=30'



C/L



C/L



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 UTILITIES OR PIPELINES ON WELLPAD AND/OR ACCESS ROAD AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.