

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD OCT 19 '07
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	297 OCT 17 PM 4:03 RECEIVED D.J.I. 210 FARMINGTON NM	5. Lease Number NMSF-078497 Unit Reporting Number NMNM-78413C-DK NMNM-78413A-MV
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator ConocoPhillips		7. Unit Agreement Name San Juan 28-7 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #195P
4. Location of Well Unit O (SWSE), 945' FSL & 1840' FEL - Surface location <i>Sec 9</i> Unit B (NWNE), 640' FNI & 1920' FEL - Bottomhole location <i>Sec 16</i> Surface Latitude 36° 40.2623'N; Long - 107° 34.6353'W Bottomhole- Latitude - 36.40.0011'N; Long - 107.34.5514'W Sec. 9, T28N, R07W - Surface Sec. 16, T28N, R7W - Bottomhole API # 30-039- 30335		10. Field, Pool, Wildcat Basin DK / Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM)
14. Distance in Miles from Nearest Town	12. County Rio Arria	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 640'		
16. Acres in Lease	17. Acres Assigned to Well <i>Sec 16</i> 320 acres E/2 - MV & DK	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease		
19. Proposed Depth 7384 TVD'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6213' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT 8/17/07	
24. Authorized by: <i>Patsy Chug</i> Regulatory Specialist	Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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.

Type 3 - See Master Operational Plan

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

NMOCD

Bond - ES-0048 & ES0085

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

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos 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

Form C-102
Revised October 12, 2005

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

2007 AUG 17 PM 4:08
RECEIVED
210 FRI 7/10/07
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-36335		Pool Code 71599/72319	Pool Name BASIN DAKOTA/BLANCO MESAVERDE
Property Code 31739	Property Name SAN JUAN 28-7 UNIT		Well Number 195P
GRID No. 217817	Operator Name CONOCO PHILLIPS COMPANY		Elevation 6213'

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
0	9	28-N	7-W		945'	SOUTH	1840'	EAST	RIO ARriba

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
B	16	28-N	7-W		840'	NORTH	1920'	EAST	RIO ARriba

Dedicated Acres 320.00 E/2	Joint or Infill	Consolidation Code	Order No.
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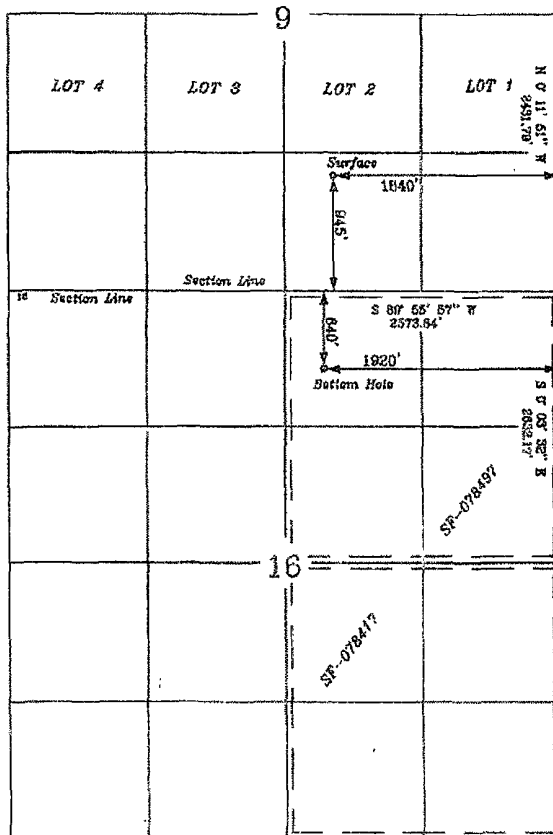
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

Surface
LAT: 36°40.2823' N.
LONG: 107°34.5353' W.
NAD 1927

LAT: 36.671045' N.
LONG: 107.576197' W.
NAD 1983

Bottom Hole
LAT: 36°40.9011' N.
LONG: 107°34.5514' W.
NAD 1927

LAT: 36.666592' N.
LONG: 107.576485' W.
NAD 1983



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

4/18/07

Kandis Roland
Signature

Kandis Roland
Printed Name

Regulatory Technician

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.

4/18/07
Date of Survey
Signature of Licensed Professional Surveyor
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR
Certificate Number 15703

Office

District I

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

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

May 27, 2004

WELL API NO.

30-039- 30335

5. Indicate Type of Lease

STATE ☐FEE ☐

6 State Oil & Gas Lease No.

Federal Lease SF-078497

7. Lease Name or Unit Agreement Name

San Juan 28-7 Unit

8. Well Number

#195P

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 : 945' feet from the South line and 1840' feet from the East line
Section 9 Township 28N Rng 7W NMPM County Rio Arriba

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

6213'

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

SIGNATURE

TITLE

Regulatory Technician

DATE

7-30-07

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

TITLE

DATE

OCT 26 2007

Conditions of Approval (if any):

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 195P

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7107				AFE \$:	
Field Name: 28-7		Rig: Aztec Rig 673		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Glaser, Terry J		Phone: (832)486-2332		Prod. Engineer: Fontenot, Jessie C		Phone: +1 832-486-3483	
Res. Engineer: Johnson, Tom B.		Phone: (832)-486-2347		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				Deviated	
Latitude: 36.671038		Longitude: -107.575589		X:	Y:	Section: 09	Range: 007W
Footage X: 1840 FEL		Footage Y: 945 FSL		Elevation: 6213 (FT)	Township: 028N		
Tolerance:							
Location: Bottom Hole		Datum Code: NAD 27				Deviated	
Latitude: 36.666585		Longitude: -107.575857		X:	Y:	Section: 16	Range: 007W
Footage X: 1920 FEL		Footage Y: 640 FNL		Elevation: (FT)	Township: 028N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6229 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
SURFACE CSG	200	6029	☐			12-1/4" hole, 9-5/8" 32.3 ppf, H-40, STC casing. Cement w/ 203 cuft. Circulate Cmt to surface.	
OJAM	2001	4228	☐			Possible water flows	
KRLD	2135	4094	☐				
FRLD	2481	3748	☐			Possible gas	
PCCF	2910	3319	☐				
LEWS	3099	3130	☐				
CHRA	3873	2356	☐				
Intermediate Casing	4400	1829	☐			8 3/4" hole. 7" 20 ppf J-55, STC casing. Circulate cement to surface. Cement with 1058 cu.ft.	
CLFH	4525	1704	☐	436		Gas; possibly wet	
MENF	4713	1516	☐			Gas	
PTLK	5096	1133	☐			Gas	
MANCOS	5579	650	☐				
UPPER GALLUP	6331	-102	☐				
GREENHORN	7072	-843	☐				
GRANEROS	7138	-909	☐				
TWO WELLS	7173	-944	☐	2800			
PAGU	7268	-1039	☐				
CBBO	7295	-1066	☐				
CBRL	7323	-1094	☐				
ENCINAL	7384	-1155	☐			TD T/ENCN	
TOTAL DEPTH DK	7384	-1155	☐			6-1/4" Hole. 4-1/2", 10.5/11.6 ppf, J-55 STC/LTC casing. Cement with 410 cuft. Circulate cement a minimum of 100' inside the previous casing string.	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 195P

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	SJ 28-7 21	9-28N-7W-SW, KB = 6657
Intermediate	SJ 28-7 241E	9-28N-7W-SE, KB = 6226
Production	28-7 195E	NE 16-28N-7W

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

TD Logs:	☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other
CBL/GR, MUDLOG 100' above GRHN to TD	

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

Comments: Location/Tops/Logging - TD is 300' below PNLK DK 28N07W16NE2 AND MVNM028N007W16NE2 Suggest BHL @ 640' FNL & 1920' section 16 for ~1600' reach from SHL 945' FSL & 1840' FEL as twin to 241E.

Zones - DK 28N07W16NE2 AND MVNM028N007W16NE2

General/Work Description - Name changed from 46A to 195P to reflect the addition of the DK formation KJL- 5/1/07
This was a MV DIRECTIONAL (SJ 28-7 UNIT 46A). An alternative location in the same section will make it vertical and will add DK.

ConocoPhillips or its affiliates

Survey Report

Company:	ConocoPhillips Lower 48	Local Co-ordinate Reference:	Well SJ 28-7 #195P
Project:	San Juan Basin	TVD Reference:	WELL @ 6228 0ft (Original Well Elev)
Site:	Monty's Site for directional MV/DK wells	MD Reference:	WELL @ 6228 0ft (Original Well Elev)
Well:	SJ 28-7 #195P	North Reference:	True
Wellbore:	SJ 28-7 #195P	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM Central Planning

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 28-7 #195P - ICP - plan hits target - Point	0 00	0 00	4,400.0	-1,580.0	-80 0	-481 28	-31.29	30° 59' 08 874" N	109° 25' 45 013" W
SJ 28-7 #195P - PCP - plan hits target - Point	0 00	0 00	7,384 0	-1,580 0	-80 0	-481 28	-31 29	30° 59' 08 874" N	109° 25' 45 013" W

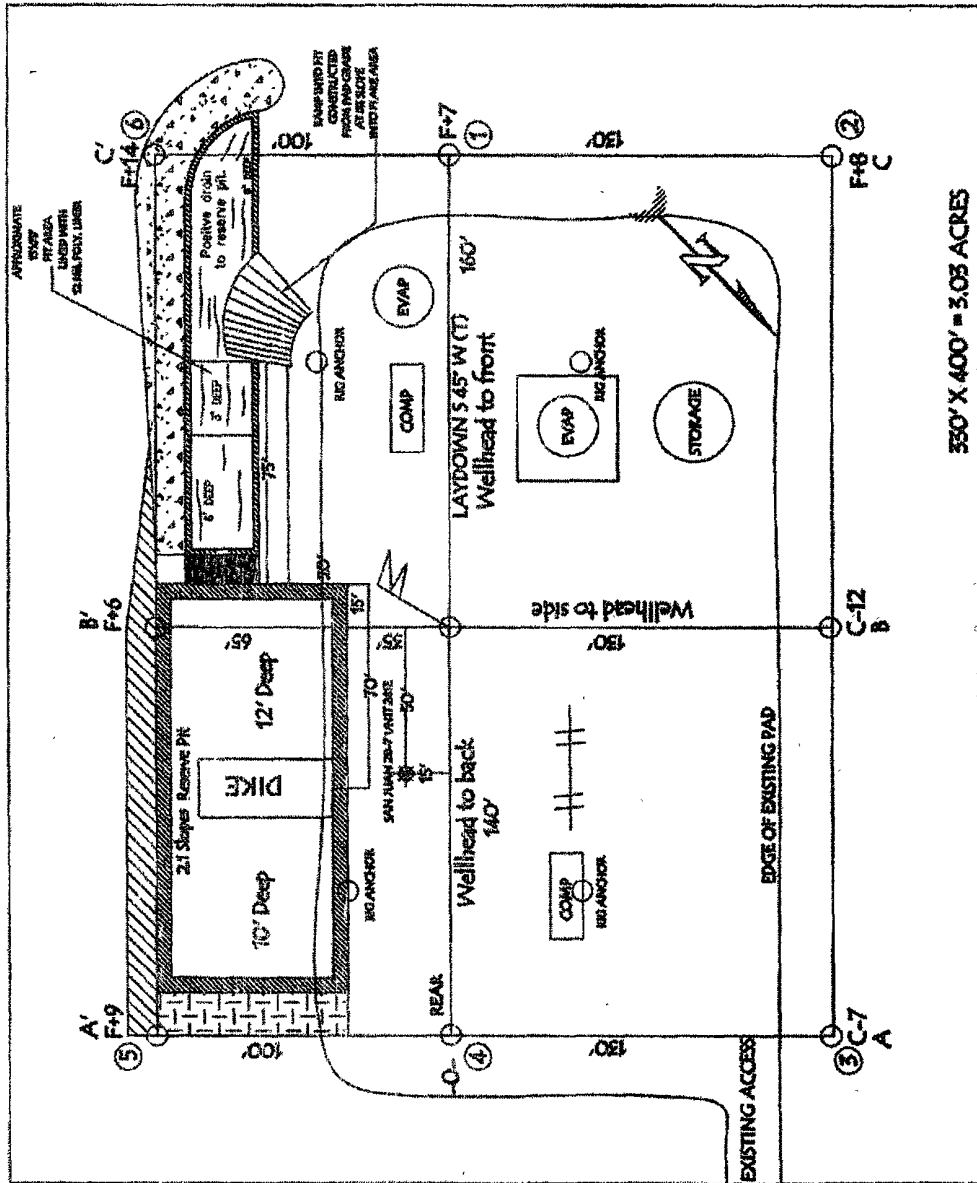
Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (d)	Dip Direction (d)
2,127 6	2,001 0	Ojo Alamo		0 00	
2,277 7	2,135 0	Kirtland		0 00	
2,665 0	2,481 0	Fruitland		0 00	
3,145 3	2,910 0	Pictured Cliffs		0 00	
3,356 9	3,099 0	Lewis		0 00	
4,208 8	3,873 0	Chacra		0 00	
4,867 7	4,525 0	Cliffhouse		0 00	
5,055 7	4,713 0	Menefee		0 00	
5,438 7	5,096 0	Pt Lookout		0 00	
5,921 7	5,579 0	Mancos Shale		0 00	
6,673 7	6,331 0	Gallup		0 00	
7,414 7	7,072 0	Greenhorn		0 00	
7,480 7	7,138 0	Graneros		0 00	
7,515 7	7,173 0	Two Wells		0 00	
7,610 7	7,268 0	Paguate		0 00	
7,637 7	7,295 0	Upper Cubero		0 00	
7,665 7	7,323 0	Lower Cubero		0 00	
7,726 7	7,384 0	Encinal		0 00	
7,726 7	7,384 0	TD		0 00	

Checked By: _____	Approved By _____	Date _____
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CONOCOPHILLIPS COMPANY

SAN JUAN 28-7 UNIT 195P 945' FSL & 1840' FEL
SECTION 9, T-28-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6213', DATE: MARCH 2, 2007



530' X 400' = 3.03 ACRES

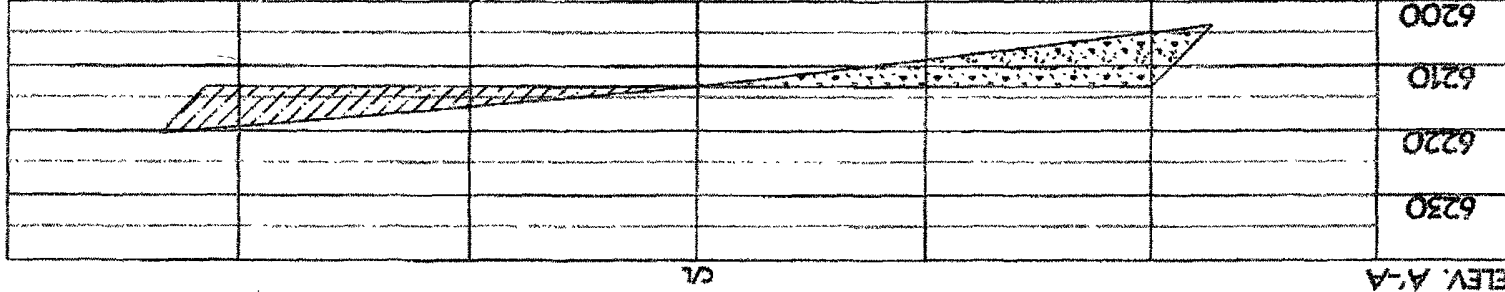
LATITUDE: 36° 40.2623' N LONGITUDE: 107° 34.5553' W NAD27

NOTE: VECTOR SURVEYS LLC 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.

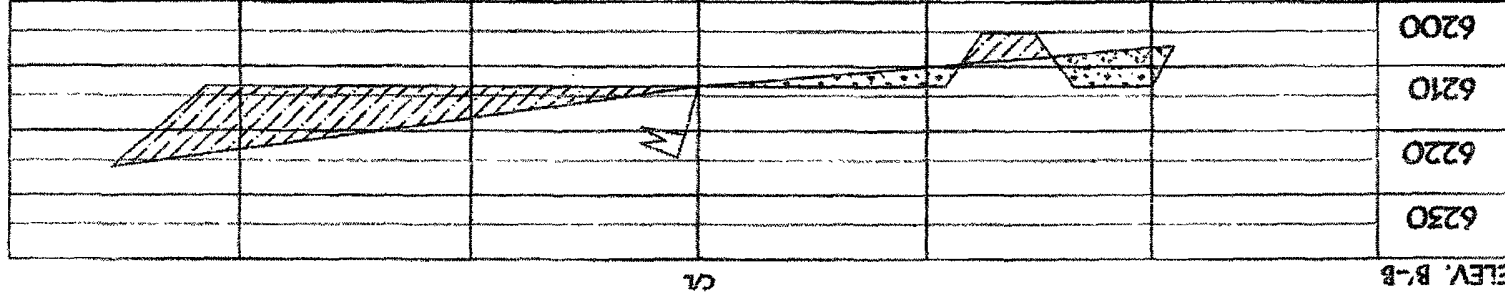
CONOCOPHILLIPS COMPANY

SAN JUAN 28-7 UNIT 195P 945' FSL & 1840' FEL
 SECTION 9, T-28-N, R-7-W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 6213', DATE: MARCH 2, 2007

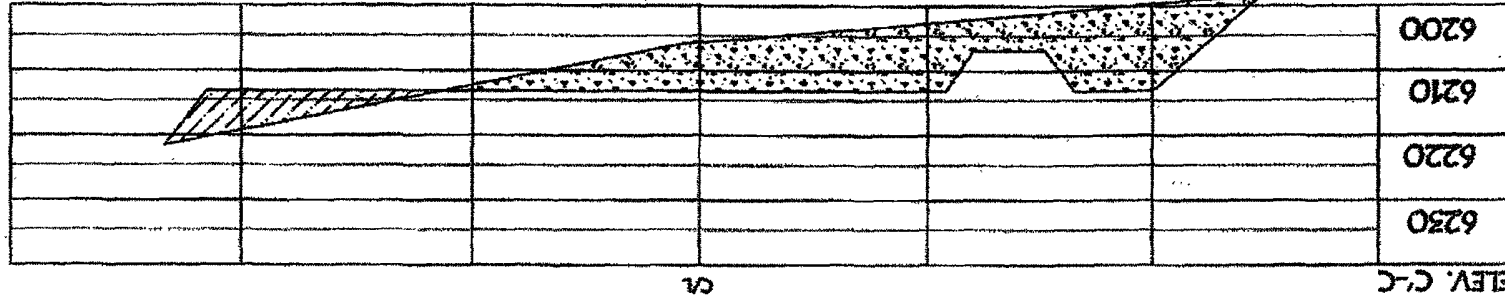
ELEV. A-A



ELEV. B-B



ELEV. C-C



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