

RCVD MAY23'07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV.

DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR ~~PLUG BACK~~ PM 3:07

1a. Type of Work DRILL	5. Lease Number SF-079321-A 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 San Juan 28-7 Unit 9. Well Number #183G
4. Location of Well Surf: Unit A (NENE), 360' FNL & 290' FEL, BH: Unit A (NENE), 300' FNL & 660' FEL, Surf: Latitude 36° 36.5505 N Longitude 107° 30.9765 W BH: Latitude 36° 36.5606 N Longitude 107° 31.0522 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T27N, R7W A API # 30-039-30261
14. Distance in Miles from Nearest Town 22 miles from Blanco	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 290'	
16. Acres in Lease	17. Acres Assigned to Well DK & MV - 319.40- (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1580' from San Juan 28-7 #284 PC/FC	
19. Proposed Depth 7341' (TVD) / 7370' (TMD)	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6153' 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
24. Authorized by: Rhonda Rogers (Regulatory Technician)	5-8-07 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

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

NMOCD

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

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

2007 MAY -9 PM 3:07

AMENDED REPORT

RECEIVED

RCVD MAY23'07

DLN

OIL CONS. DIV.
DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 30261		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT		*Well Number 183G
*GRID No 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6153'

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
A	1	27N	7W	①	360	NORTH.	290	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
A	1	27N	7W	①	300	NORTH	660	EAST	RIO ARriba

*Dedicated Acres 319.40 Acres - (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

16 1263.90' LOT 4	5293.20'	LOT 3	LOT 2	300' 360' BOTTOM-HOLE LOCATION SURFACE LOCATION LOT 1 1307.46'	1306.80'	1307.46'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Virgil E. Chavez</i> Signature Virgil E. Chavez Printed Name Projects & Operations Lead Title <i>September 24, 2006</i> Date
1277.10'	1	5291.88'	LEASE SF-079321-A	BOTTOM-HOLE LOCATION LAT: 36°36'56.05" N LONG: 107°31'05.22" W DATUM: NAD27	SURFACE LOCATION LAT: 36°50'18" N LONG: 107°51'68" W DATUM: NAD83	LAT: 36°36'55.05" N LONG: 107°30'9.765" W DATUM: NAD27	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: JUNE 9, 2006 Signature and Seal of Professional Surveyor  <i>JASON C. EDWARDS</i> Certificate Number 15269
2553.54'							

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.	30-039-30261
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	SF-079321-A
7. Lease Name or Unit Agreement Name	San Juan 28-7 Unit
8. Well Number	#183G
9. OGRID Number	217817
10. Pool name or Wildcat	Basin DK/Blanco MV

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
Surf: Unit Letter A : 360' feet from the North line and 290' feet from the East line
Section 1 Township 27N Rng 7W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6153'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type New Drill Depth to Groundwater <50 Distance from nearest fresh water well >1000' Distance from nearest surface water <200
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 ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: New Drill ☒

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 and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 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. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

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 5-8-07

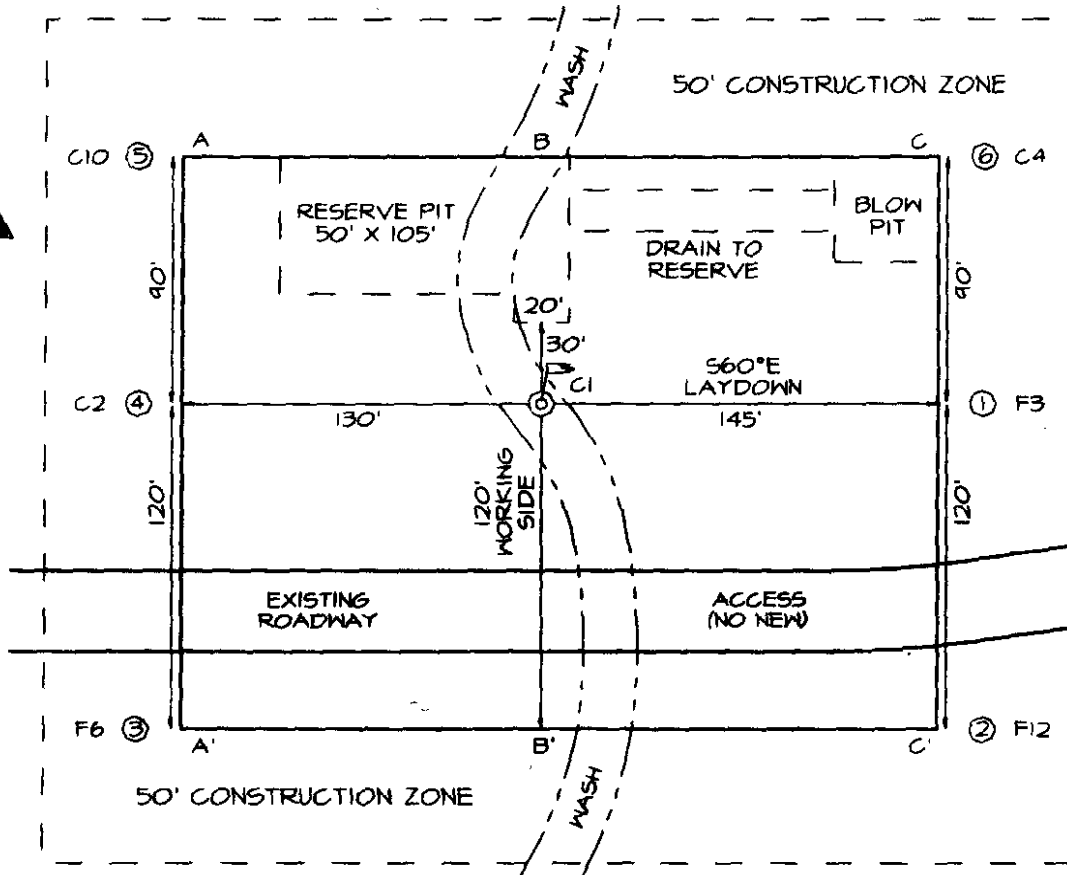
Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com Telephone No. 505-599-4018

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #1 DATE JUN 08 2007

Conditions of Approval (if any): Vulnerable area pits must be closed in accordance w/Rule 50, F.1

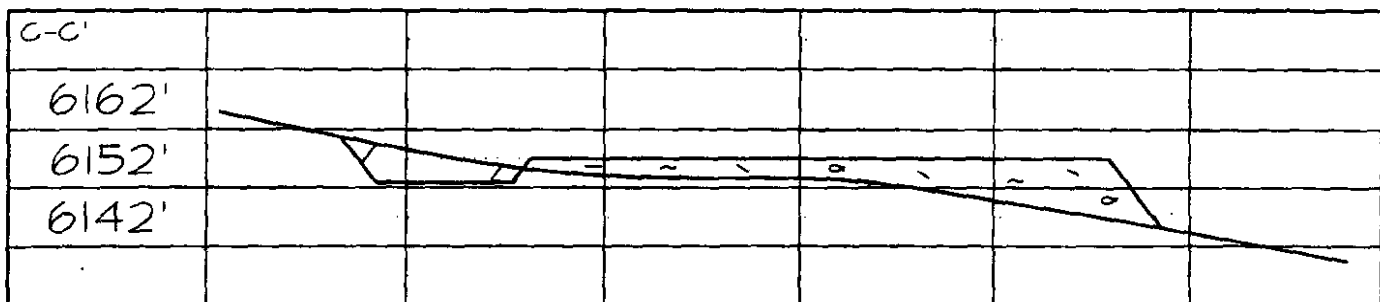
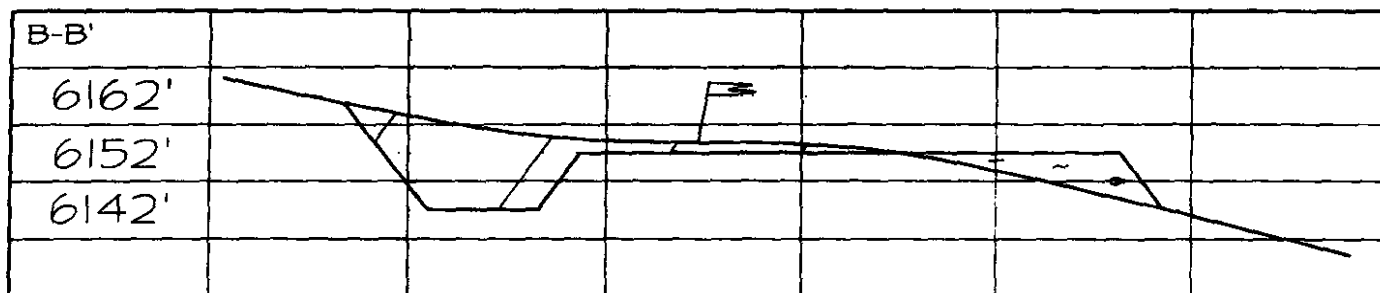
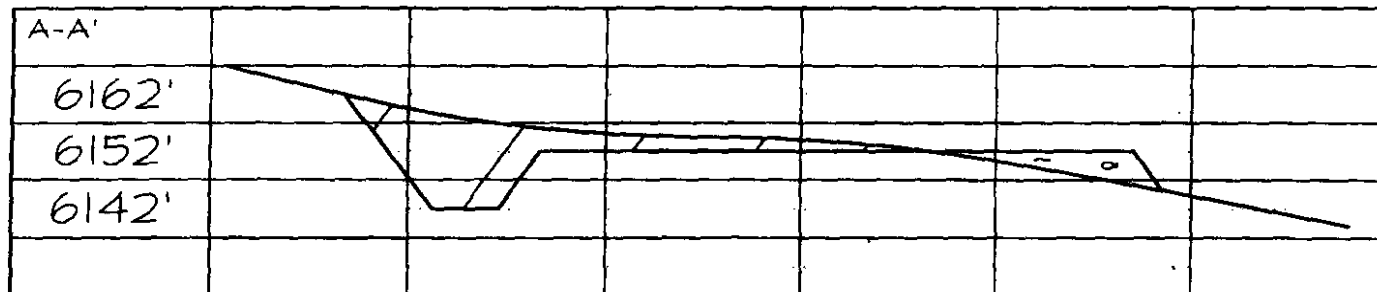
~ PLAT NOTE ~

TO ACCOMMODATE FOR THE LARGE
FILL QUANTITIES ALONG THE EXISTING
ROADWAY, ADDITIONAL MATERIAL WILL
BE REQUIRED TO TAPER THE FINISHED
PAD ELEVATION INTO THE ELEVATION
OF THE EXISTING ROADWAY



****SURFACE OWNER****
Bureau of Land
Management

LATITUDE: 36.60918° N
LONGITUDE: 107.51688° W
DATUM: NAD1983



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 183G

DEVELOPMENT

Lease:	AFE #: WAN.CNV.7164		AFE \$:
Field Name: 28-7	Rig: Aztec Rig 673	State: NM	County: RIO ARRIBA
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: 36.609172	Longitude: -107.516275	X:	Y:	Section: 01	Range: 007W
Footage X: 290 FEL	Footage Y: 360 FNL	Elevation: 6153	(FT)	Township: 027N	
Tolerance:					
Location: Bottom Hole		Datum Code: NAD 27		Deviated	
Latitude: 36.609343	Longitude: -107.517537	X:	Y:	Section: 01	Range: 007W
Footage X: 660 FEL	Footage Y: 300 FNL	Elevation:	(FT)	Township: 027N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6169 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	216	5953	☐			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Circulate cement to surface. Cement with 203 cu.ft.
NCMT	869	5300	☐			
OJAM	1990	4179	☐			Possible water flows.
KRLD	2136	4033	☐			
FRLD	2575	3594	☐			Possible gas.
PCCF	2822	3347	☐			
LEWS	2984	3185	☐			
Intermediate Casing	3113	3056	☐			8 3/4" hole. 7" 23 ppf L-80, LTC casing. Circulate cement to surface. Cement with 691 cu.ft.
CHRA	3774	2395	☐			
CLFH	4455	1714	☐			Gas; possibly wet
MENF	4612	1557	☐			Gas.
PTLK	5054	1115	☐			Gas.
GLLP	6120	49	☐			Gas. Possibly wet.
GRHN	6951	-782	☐			Gas possible, highly fractured
GRRS	7012	-843	☐			
TWLS	7050	-881	☐			Gas
PAGU	7139	-970	☐			Gas. Highly Fractured.
CBBO	7166	-997	☐			Gas
CBRL	7202	-1033	☐			
Total Depth	7341	-1172	☐	3000		6 1/4" hole. 4 1/2", 11.6 ppf, L-80 LTC casing. Cement with 579 cu.ft. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 UNIT 183G

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	SJ 28-7 226	36-28N-7W-SW, KB = 6149
Intermediate	SJ 28-7 10	36-28N-7W-SW, KB = 6130

Logging Program:

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

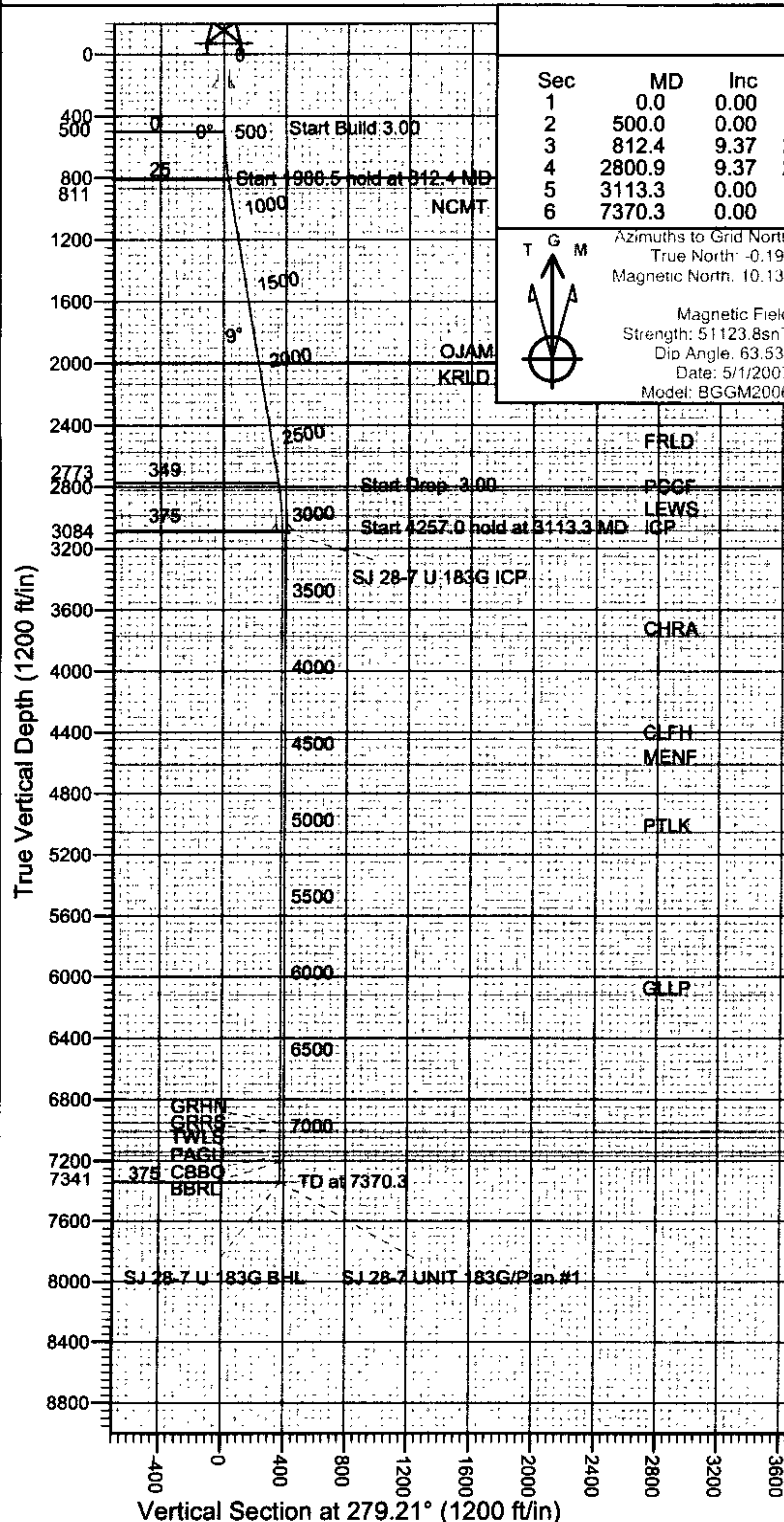
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

CBL/GR

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

Comments: Location/Tops/Logging - TD is 390' below GRHN - ENCN looks dry MVNM027N007W01NE2 DK 27N07W01NE2

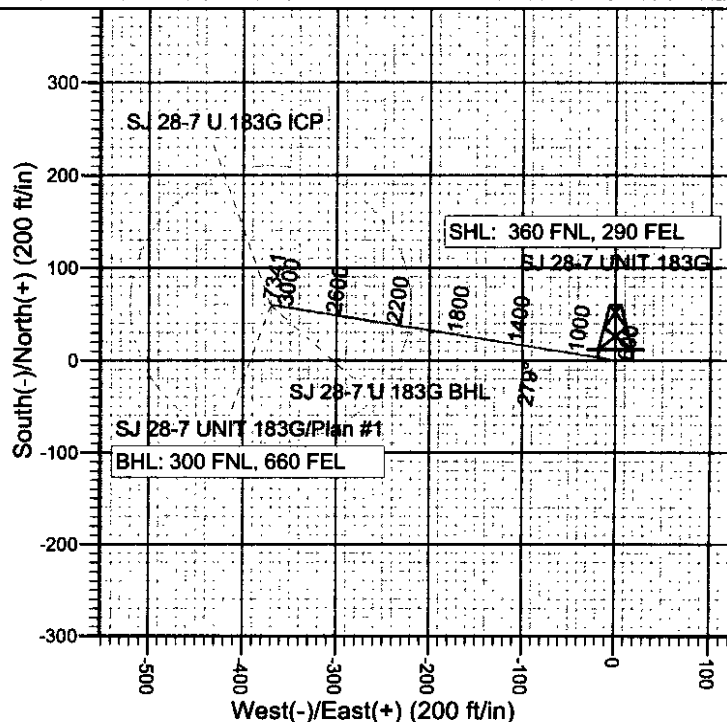
Zones - MVNM027N007W01NE2 DK 27N07W01NE2



Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0	
3	812.4	9.37	279.21	811.0	4.1	-25.2	3.00	279.21	25.5	
4	2800.9	9.37	279.21	2773.0	55.9	-344.8	0.00	0.00	349.3	
5	3113.3	0.00	0.00	3084.0	60.0	-370.0	3.00	180.00	374.8	SJ 28-7 U 183G ICP
6	7370.3	0.00	0.00	7341.0	60.0	-370.0	0.00	0.00	374.8	SJ 28-7 U 183G BH



Azimuths to Grid North
True North: -0.19°
Magnetic North: 10.13°
Magnetic Field
Strength: 51123.8nT
Dip Angle: 63.53°
Date: 5/1/2007
Model: BGGM2006



Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
System Datum: Mean Sea Level

Site Centre Latitude: 36° 36' 33.019 N
Longitude: 107° 30' 58.590 W
Positional Uncertainty: 0.0
Convergence: 0.19
Local North: Grid

Co-ordinate (N/E) Reference: Well SJ 28-7 UNIT 183G, Grid North
Vertical (TVD) Reference: RKB @ 6169.0ft
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: RKB @ 6169.0ft
Calculation Method: Minimum Curvature

		Ground Level: 6153.0				
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	2041143.01	593057.69	36° 36' 33.019 N	107° 30' 58.590 W	

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SJ 28-7 U 183G ICP	3084.0	60.0	-370.0	2041203.01	592687.69	36° 36' 33.625 N	107° 31' 3.126 W	Point
SJ 28-7 U 183G BHL	7341.0	60.0	-370.0	2041203.01	592687.69	36° 36' 33.625 N	107° 31' 3.126 W	Circle (Radius: 150.0)