

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7007 MAR 20 PM 3:33

1a. Type of Work DRILL	5. Lease Number SF-078739
1b. Type of Well GAS	Unit Reporting Number NMNM78419B(DK), NMNM78419A(MV)
2. Operator ConocoPhillips	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 30-5 Unit
4. Location of Well Unit B (NWNE), 430' FNL & 1960' FEL, Latitude 36° 47.3832 N Longitude 107° 21.5910 W	8. Farm or Lease Name 9. Well Number #95F 10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 28, T30N, R5W API # 30-039-30217
14. Distance in Miles from Nearest Town 49 miles/Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 430'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well DK & MV - 320 - (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 7901'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6470' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	RCVD APR 30 07 OIL CONS. DIV.
24. Authorized by: Rhonda Rogers (Regulatory Technician)	3-20-07 Date

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE AFM DATE 4/2/07

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

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

NMOC

B

4/05/07

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

OIL CONSERVATION DIVISION

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039- 30217		2 Pool Code 72319/71599		3 Pool Name Blanco Mesaverde / Basin Dakota	
4 Property Code 31327		5 Property Name SAN JUAN 30-5 UNIT			6 Well Number 95F
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS COMPANY			9 Elevation 6470'

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	28	30-N	5-W		430'	NORTH	1960'	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									
12 Dedicated Acres 320 acres E/2			13 Joint or Infill		14 Consolidation Code		15 Order No.		

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

		S 89° 45' 10" W 2823.19'		1960'	S 0° 00' 59" E 2844.80'
		LAT: 36° 47' 38.32" N. LONG: 107° 21' 59.10" W. NAD 1927 LAT: 36° 48' 07.27" N. LONG: 107° 36' 04.52" W. NAD 1983			
28		SF-078739			

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 undivided 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.

Tracey N. Monroe

Signature
Tracey N. Monroe

Printed Name Regulatory Assistant

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
Signature
GLEN J. RUSSELL
Professional Surveyor

15703
Certificate Number 15703

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

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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

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.)		WELL API NO. 30-039- 30217
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Company		6. State Oil & Gas Lease No. Federal Lease SF-078739
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402		7. Lease Name or Unit Agreement Name San Juan 30-5 Unit
4. Well Location Unit Letter B : 430' feet from the North line and 1960 FEL feet from the East line Section 28 Township 30N Rng 5W NMPM County Rio Arriba		8. Well Number #95F
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6470' GL		9. OGRID Number 217817
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota
Pit type New Drill Depth to Groundwater 400-50' Distance from nearest fresh water well >1000' Distance from nearest surface water <200' Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 4400 bbls; Construction Material Synthetic		

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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐

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.

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 Juanita Farrell TITLE Regulatory Specialist DATE 11/10/2006

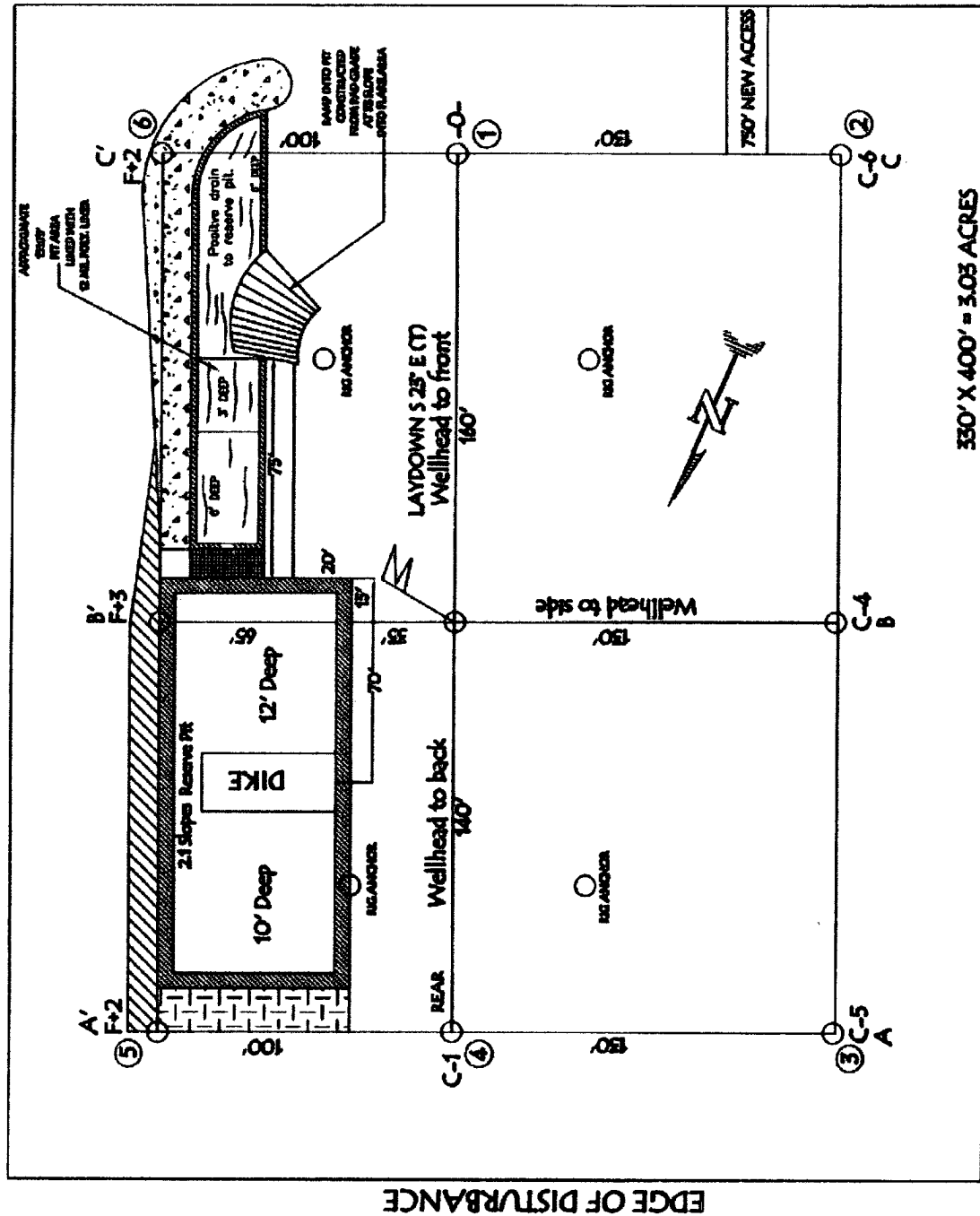
Type or print name Juanita Farrell E-mail address: Telephone No. 505-326-9567
 For State Use Only

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4 DATE APR 05 2007

Conditions of Approval (if any): Vulnerable area

CONOCOPHILLIPS COMPANY

SAN JUAN 30-5 UNIT 95F, 430' FNL & 1960' FEL
SECTION 28, T-30-N, R-5-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6470', DATE: JULY 13, 2006

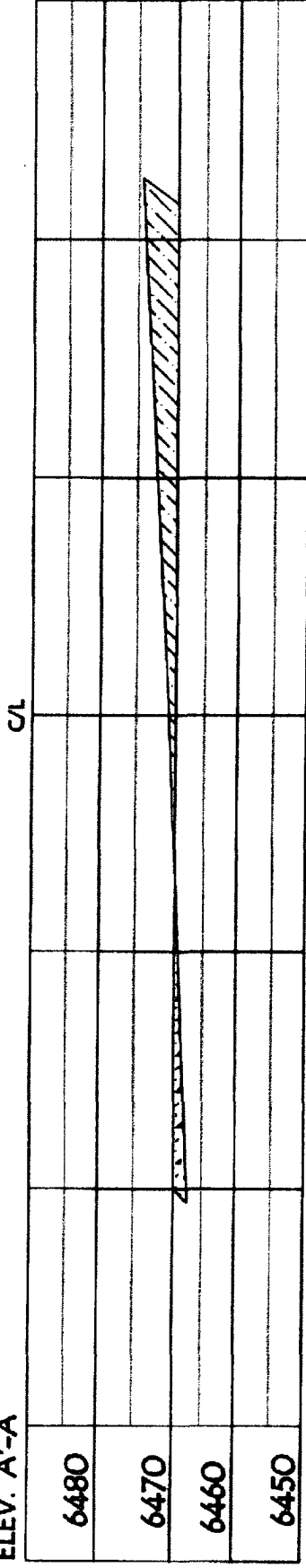


LATITUDE: 36° 47.3832'N LONGITUDE: 107° 21.5910'W NAD27

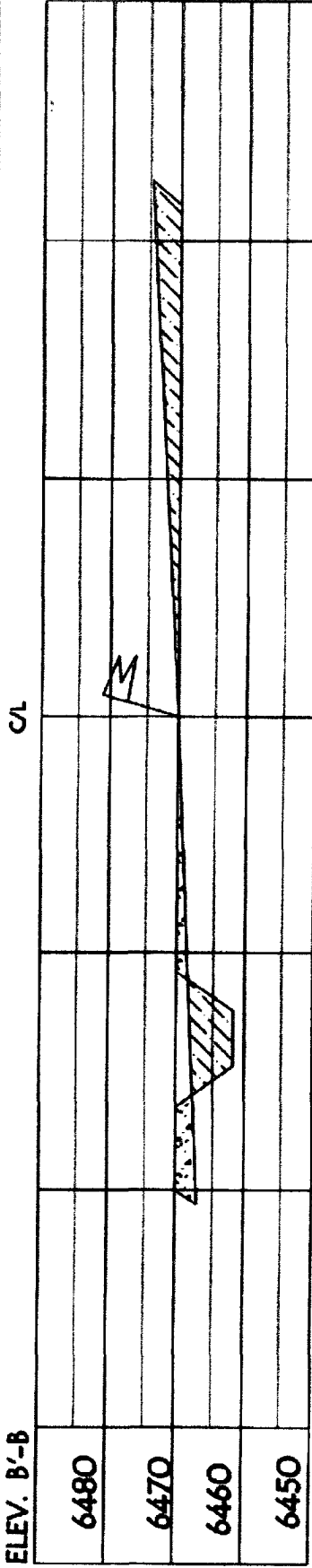
CONOCOPHILLIPS COMPANY

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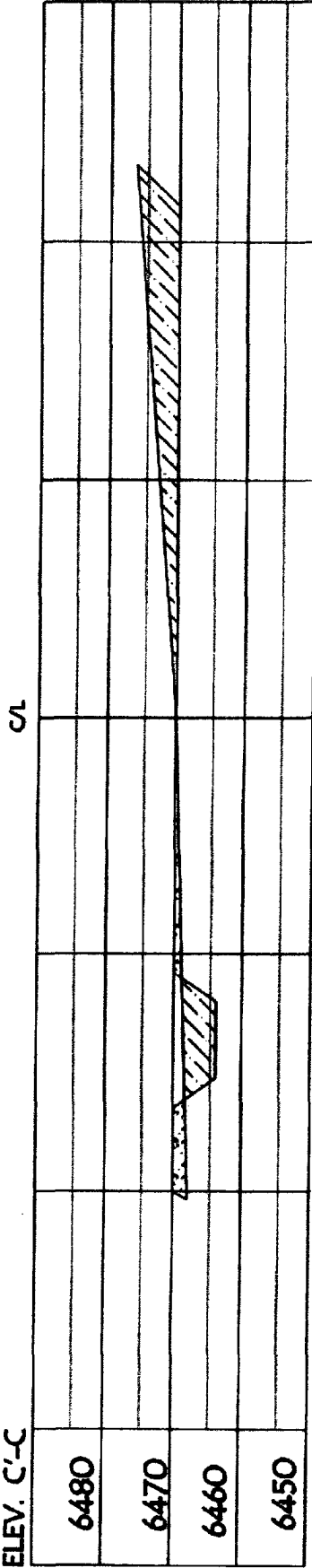
ELEV. A'-A



ELEV. B'-B



ELEV. C'-C



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.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-5 UNIT 95F

DEVELOPMENT

Lease:		AFE #: WAN.CNV.7148		AFE \$:	
Field Name: 30-5		Rig: Bearcat Rig 4		State: NM County: RIO ARRIBA API #:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer: Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: 832-486-2275		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: 36.789720	Longitude: -107.359850	X:	Y:	Section: 28	Range: 005W
Footage X: 1960 FEL	Footage Y: 430 FNL	Elevation: 6470	(FT)	Township: 030N	
Tolerance:					
Location Type: Summer Only		Start Date (Est.):		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6486 Units = FT					

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	216	6270	<input type="checkbox"/>			12-1/4" hole. 9-5/8" 32.3 ppf, H-40, STC casing. Cement with 171cuft. Circulate cement to surface.
NCMT	1336	5150	<input type="checkbox"/>			
OJAM	2486	4000	<input type="checkbox"/>			Possible water flows.
KRLD	2686	3800	<input type="checkbox"/>			
FRLD	2986	3500	<input type="checkbox"/>			Possible gas.
PCCF	3386	3100	<input type="checkbox"/>			
LEWS	3586	2900	<input type="checkbox"/>			
Intermediate Casing	3686	2800	<input type="checkbox"/>			8 3/4" hole. 7", 20ppf, J-55, STC Casing. Cement with 830 cuft. Circulate cement to surface.
CHRA	4501	1985	<input type="checkbox"/>			
CLFH	5361	1125	<input type="checkbox"/>			Gas; possibly wet
MENF	5401	1085	<input type="checkbox"/>			Gas.
PTLK	5611	875	<input type="checkbox"/>	400		Gas.
GLLP	6946	-460	<input type="checkbox"/>			Gas. Possibly wet.
GRHN	7596	-1110	<input type="checkbox"/>			Gas possible, highly fractured
GRRS	7646	-1160	<input type="checkbox"/>			
PAGU	7769	-1283	<input type="checkbox"/>			Gas. Highly Fractured.
CBBO	7776	-1290	<input type="checkbox"/>			
CBRL	7816	-1330	<input type="checkbox"/>			
TD	7901	-1415	<input type="checkbox"/>	1400		6-1/4" hole. 4-1/2", 10.5/11.6 ppf, J-55 STC/LTC casing. Cement with 574 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Intermediate	San Juan 30-5 95	28-30N-5W-NW, KB = 6514
Intermediate	San Juan 81	27-30N-5W-SW, KB = 6551

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 30-5 UNIT 95F

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

Run PEX at TD over intervals to be determined.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - ENCN looks dry - TD is 305' below GRHN