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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 27 2012

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010Farmington Field
Bureau of Land Management

5 Lease Serial No

NM-01614

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1 Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No (include area code)

(505) 326-9700

7 If Unit of CA/Agreement, Name and/or No

8 Well Name and No

Thompson 8N

9 API Well No.

30-045-35371

10. Field and Pool or Exploratory Area

Blanco MV/Basin DK

4 Location of Well (Footage, Sec., T.R.M., or Survey Description)

Surface Unit F (SE/NW), 1915' FNL & 2095' FWL, Section 28, T31N, R12W

11 Country or Parish, State

San Juan, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Move Location

13. Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources would like to move the staked surface location from 1920' FNL & 2065' FWL to 1915' FNL & 2095' FWL. Attached please find a revised plat, well pad diagram, cut/fill diagram, topo, driving directions and project proposal. The location was moved so can be twinned with Thompson HZMC 1H.

RCVD SEP 4 '12

OIL CONS. DIV.

DIST. 3

Note CSS depth changes

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Arleen Kellywood

Title

Staff Regulatory Tech

Signature

Arleen Kellywood

Date

8/27/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*Brie Liles***Branch Chief of****Environmental**

Date

8/28/12

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD ^{AV}

RECEIVED

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

State of New Mexico
Energy, Minerals & Natural Resources Department

AUG 27 2012

Form C-102 Revised
July 16, 2010

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

OIL CONSERVATION DIVISION

Submit one copy to appropriate
District Office

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

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

Bureau of Land Management

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35371	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 18628	⁵ Property Name THOMPSON	⁶ Well Number 8N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6133'

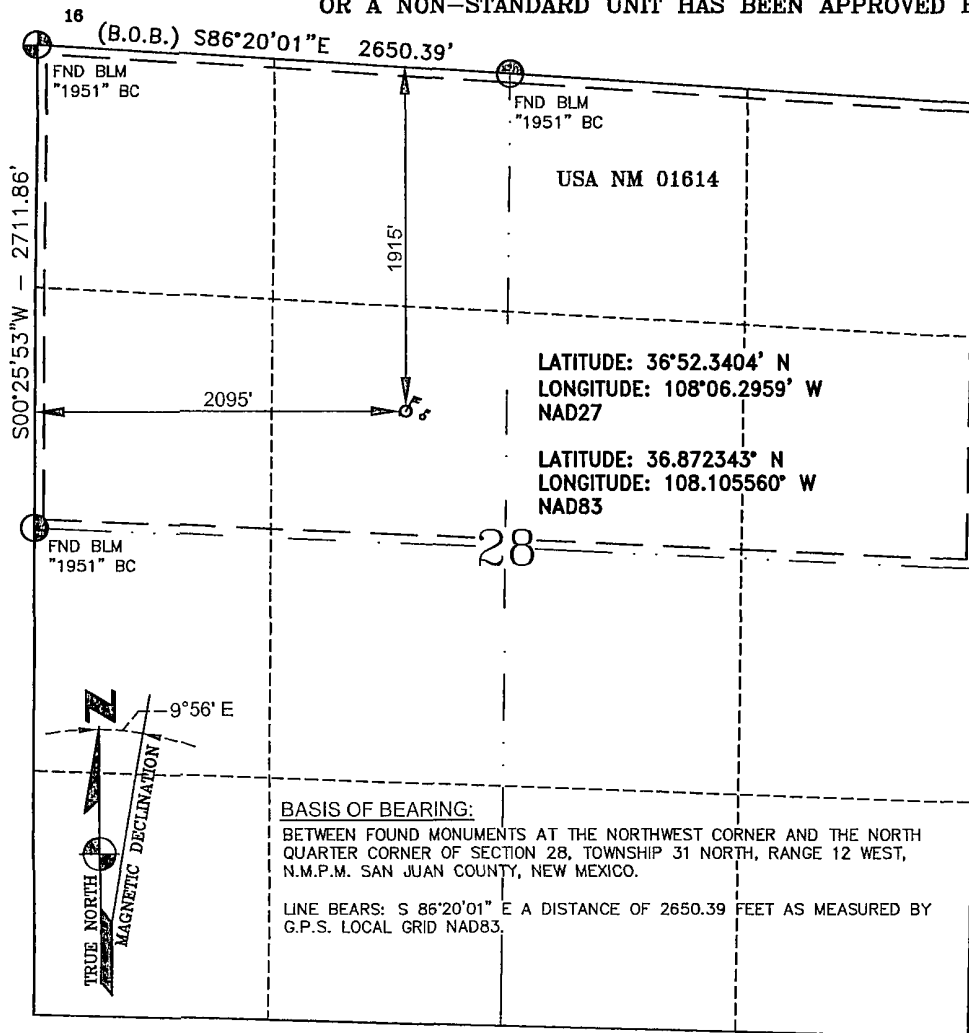
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	28	31-N	12-W		1915	NORTH	2095	WEST	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
¹² Dedicated Acres DK 320.00 ACRES N/2 MV 320.00 ACRES N/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. RCVD SEP 4 '12 OIL CONS. DIV.		

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 DIST. 3



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.

Arleen Kellywood 8/27/12
Signature Date
Arleen Kellywood
Printed Name
arleen.r.kellywood@conocophillips.com
E-mail Address

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.

JULY 14, 2012
Date of Survey

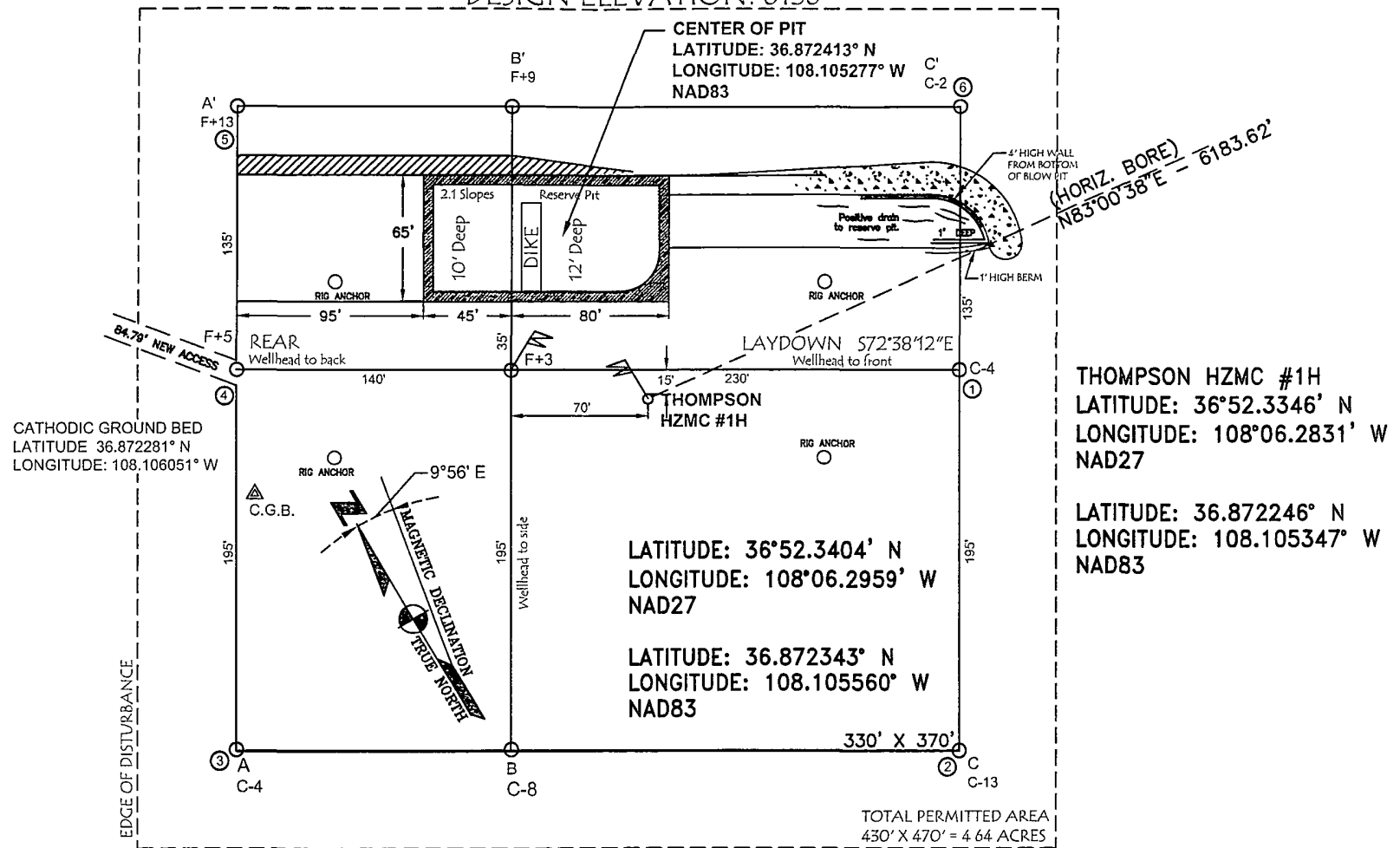
Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number

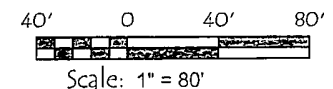
15703

BURLINGTON RESOURCES OIL & GAS COMPANY LP
THOMPSON #8N, 1915' FNL & 2095' FWL
SECTION 28, T-31-N, R-12-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 6133', DATE: MAY 15, 2012
DESIGN ELEVATION: 6136'

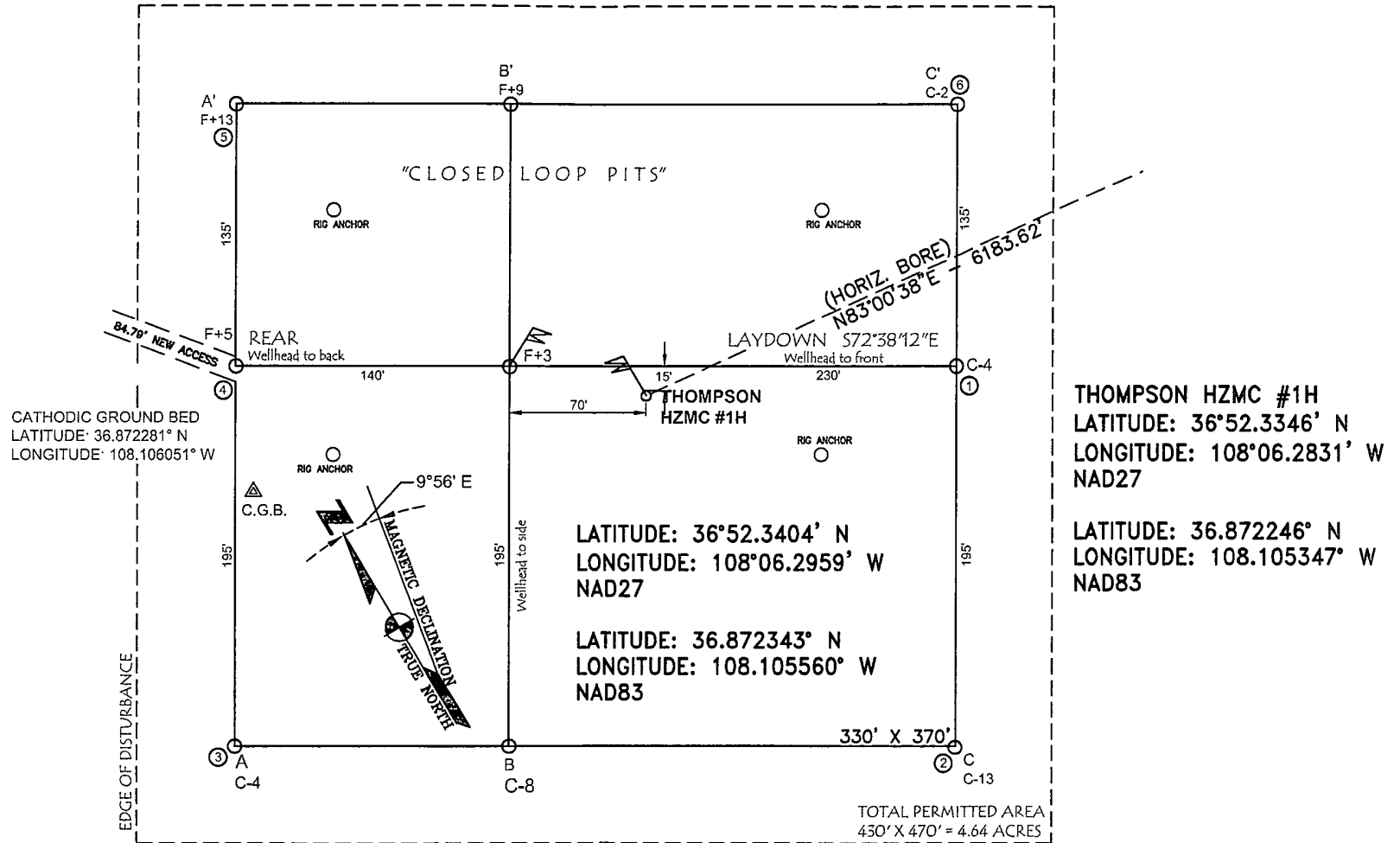


NOTES:

1. VECTOR 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 TO CONSTRUCTION.
2. RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

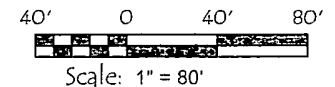


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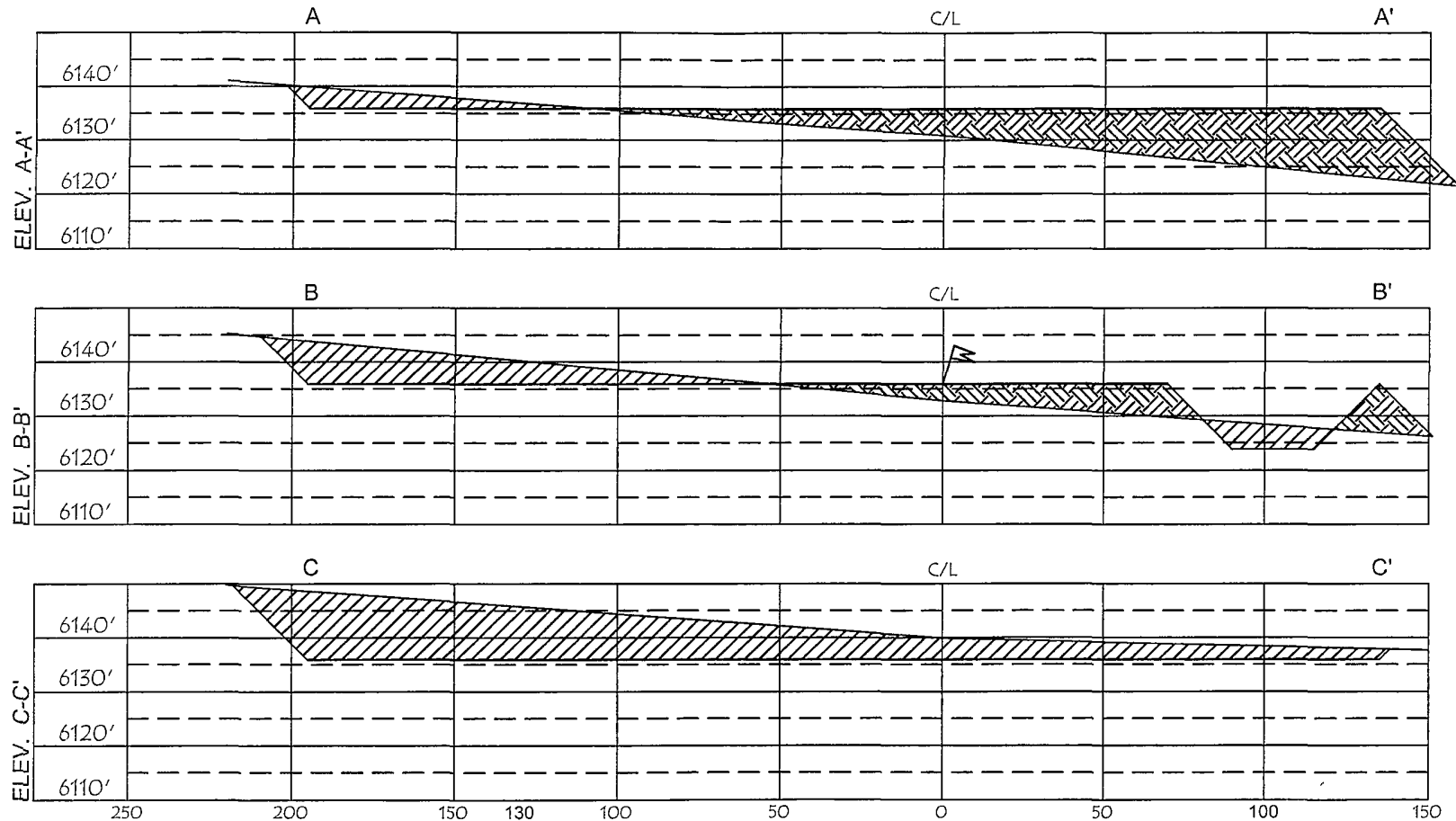


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HORIZ. SCALE: 1" = 50'
 VERT. SCALE: 1" = 30'

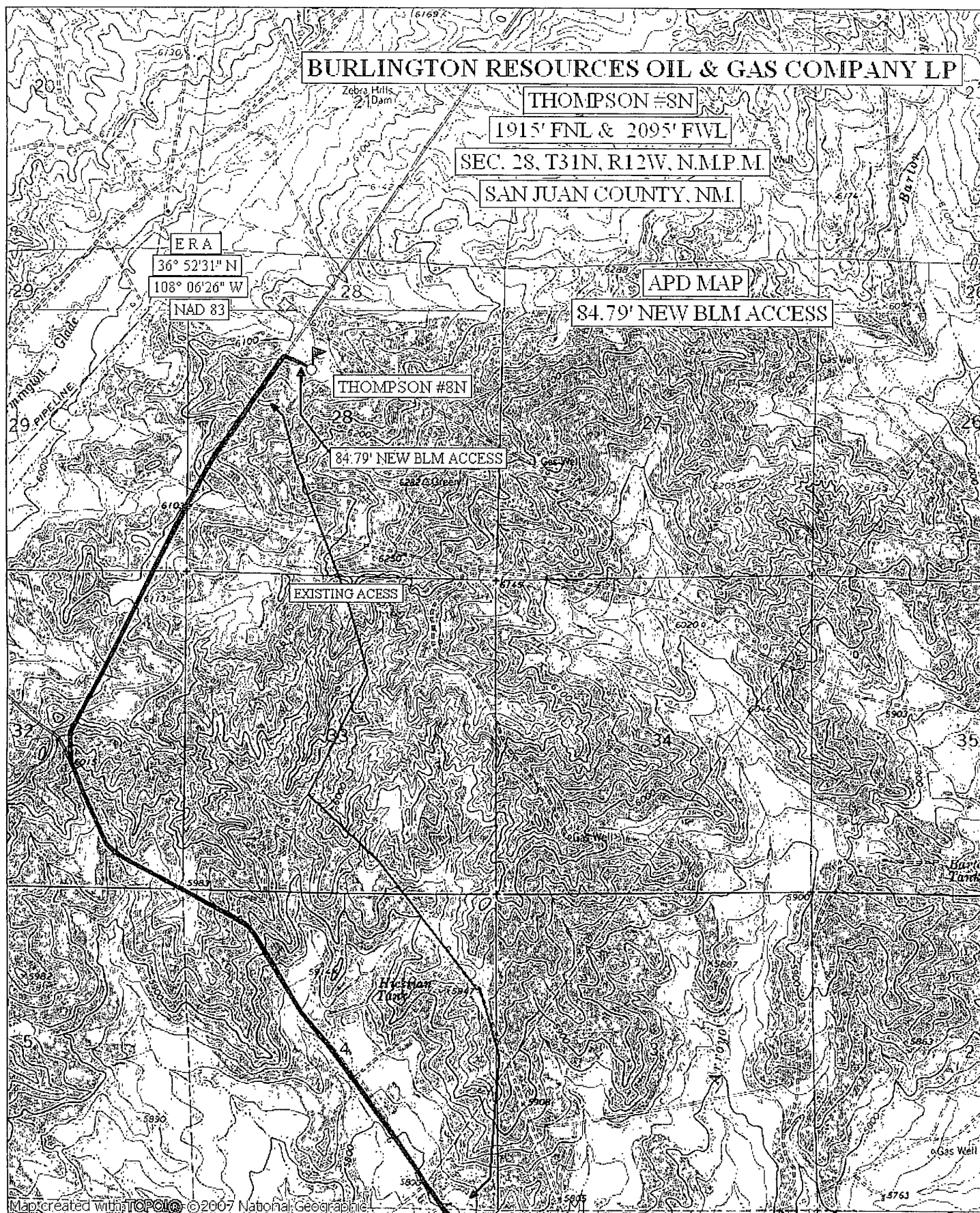
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Directions from the Intersection of
Highway 516 & CR 3535 in Flora Vista, NM
to

**BURLINGTON RESOURCES OIL & GAS COMPANY LP
THOMPSON #8N**

**1915' FNL & 2095' FWL,
Section 28, T31N, R12W, N.M.P.M.,
San Juan County, New Mexico
Latitude: 36° 52' 20.434" N
Longitude: 108° 06' 20.015" W
Nad 83**

Go north on CR 3535 for 1.7 miles,
stay left (northwesterly) on CR 3536 for 2.6 miles,
turn right @ y-intersection (northeast) 1.4 miles,
turn right (southeasterly) 0.3 miles,
to beginning of new access on southeast side of the
existing well location THOMPSON #13,
from which the new access begins and continues
for 84.79' to newly staked location.



**NATIONAL
GEOGRAPHIC**

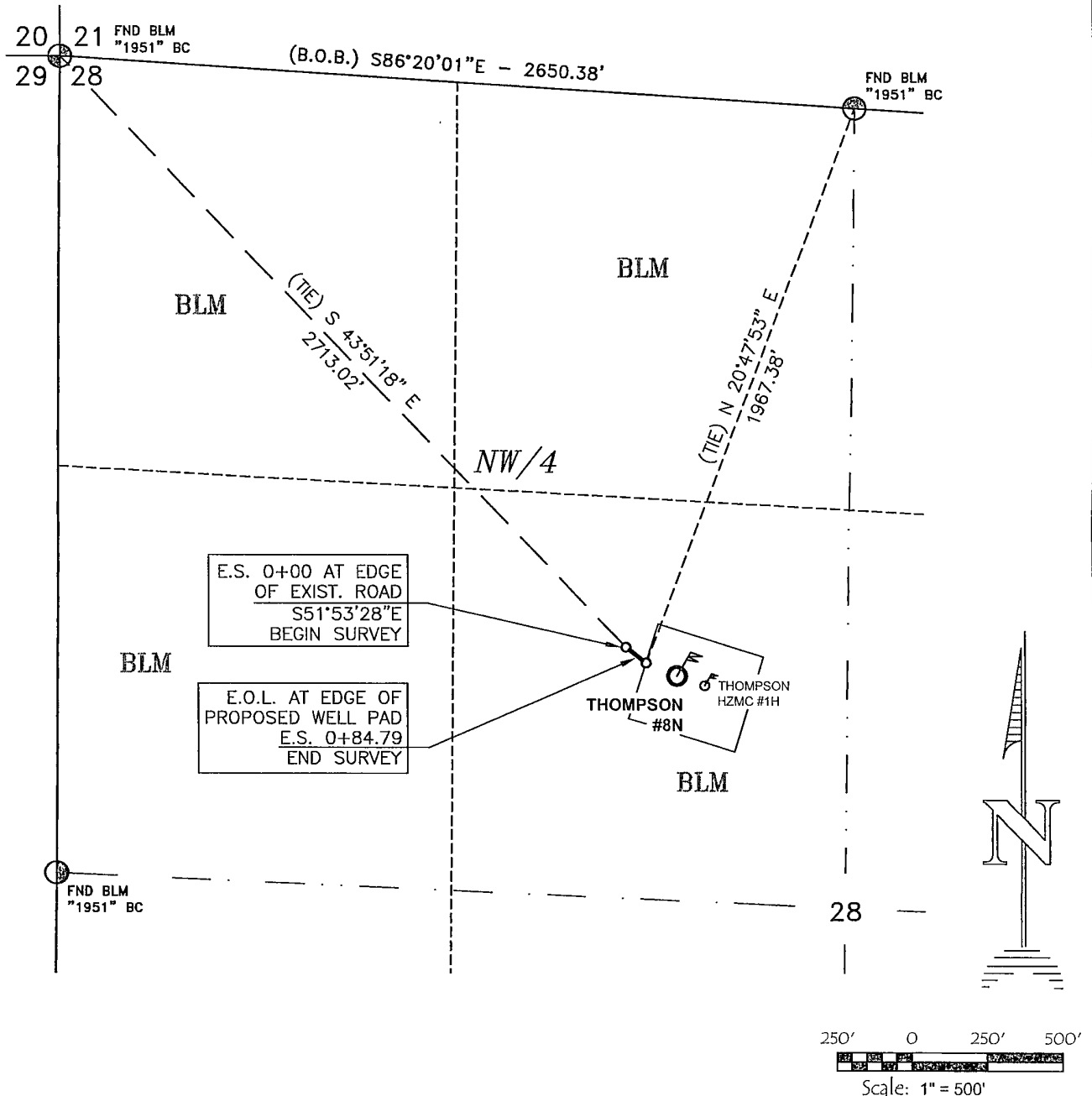
0.0 0.5 1.0 miles
0.0 0.5 1.0 1.5 km

TN IMN
10°
07/13/12

BURLINGTON RESOURCES OIL & GAS COMPANY LP THOMPSON #8N

84.79' PROPOSED ACCESS ROAD

LOCATED IN THE NW/4 OF SECTION 28, T-31-N, R-12-W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO



OWNERSHIP				
LOCATION	OWNER	STATION		FT./RODS
S28, T31N, R12W	BLM	E.S. 0+00 TO E.S. 0+84.79		84.79/5.14
BASIS OF BEARING: BETWEEN FOUND MONUMENTS AT THE NORTHWEST CORNER AND THE NORTH QUARTER CORNER OF SECTION 28, TOWNSHIP 31 NORTH, RANGE 12 WEST, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO.				
LINE BEARS: S 86°20'01" E A DISTANCE OF 2650.38 FEET AS MEASURED BY G.P.S. LOCAL GRID NAD83.				
SURVEY CREW	JPB	DRAWN BY	TD	CAD FILE BROG720
DATE OF SURVEY	5/15/12	DATE	7/9/12	

Vector Surveys, LLC

Professional Land Surveys, Mapping,
GPS Surveys & Oil Field Services
122 N Wall Avenue, Farmington, NM 87401
Phone (505) 564-3445 or 320-9595
E-Mail: vectorgr001@msn.com

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

THOMPSON 8N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1011				AFE \$:	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #: 3004535371
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.872341	Longitude: -108.104932	X:	Y:	Section: 28		Range: 012W	
Footage X: 2095 FWL		Footage Y: 1915 FNL		Elevation: 6133 (FT)	Township: 031N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2015		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6148 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
NACIMIENTO	15	6133		<input type="checkbox"/>			Ground water - Taliaferro 4E (31N 12W 29) md: 80', ss: 5950'
Surface Casing	215	5933		<input type="checkbox"/>		57	12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	888	5260		<input type="checkbox"/>			
KIRTLAND	939	5209		<input type="checkbox"/>			
FRUITLAND	1888	4260		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2514	3634		<input type="checkbox"/>	759	104	
LEWIS	2655	3493		<input type="checkbox"/>			
HUERFANITO BENTONITE	3229	2919		<input type="checkbox"/>			
CHACRA	3589	2559		<input type="checkbox"/>			
UPPER CLIFF HOUSE	4035	2113		<input type="checkbox"/>		136	
MASSIVE CLIFF HOUSE	4123	2025		<input type="checkbox"/>	601		Gas
MENEFEE	4223	1925		<input type="checkbox"/>			
Intermediate Casing	4373	1775		<input type="checkbox"/>			8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 985 cuft. Circulate cement to surface.
POINT LOOKOUT	4851	1297		<input type="checkbox"/>		150	Gas - Est Bot MV Perf ~217' below T/PNLK.
MANCOS	5192	956		<input type="checkbox"/>			
UPPER GALLUP	6140	8		<input type="checkbox"/>			
GREENHORN	6892	-744		<input type="checkbox"/>			
GRANEROS	6946	-798		<input type="checkbox"/>		193	
TWO WELLS	7008	-860		<input type="checkbox"/>	1950		Gas
PAGUATE	7072	-924		<input type="checkbox"/>			Gas
LOWER CUBERO	7085	-937		<input type="checkbox"/>			Gas - Est Bottom DK Perf ~-1054' ss (~117' below T/CBRL) base on offset well.
ENCINAL	7135	-987		<input type="checkbox"/>			
Total Depth	7217	-1069		<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 376 cuft. Circulate cement a minimum of 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

THOMPSON 8N

DEVELOPMENT

BURRO CANYON	7230	-1082	<input type="checkbox"/>	Gas - Federal G 1N (31N 12W 35) - completed (twls & pgte) tested brcn & set CIBP. making 13 bwph.
MORRISON	7254	-1106	<input type="checkbox"/>	199

Reference Wells:

Reference Type	Well Name	Comments
Production	THOMPSON 8M	

Logging Program:

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

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

BR CBL.
Mud log ~100' above Gallup down to TD.
Mudlogger will call TD.
Bottom perf ~15' above TD.

Additional Information:

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