

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD MAY 20 '08

OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR 06 2008 Bureau of Land Management Farmington Field Office	5. Lease Number USA SF-077482 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Scott Gas Com 9. Well Number #100S	
4. Location of Well Surf: Unit J(NWSE), 1795' FSL & 1425' FEL Surf: Latitude 36.838777° N Longitude 108.045853° W	10. Field, Pool, Wildcat Basin FC/Aztec PC 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T30N, R12W API # 30-045-34625	
14. Distance in Miles from Nearest Town 3 mile/Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1425'		
16. Acres in Lease 758.100	17. Acres Assigned to Well FC - 313.79 Acres (E/2) PC - 155.35 Acres (SW/4)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 53' from Tommy Bolack #1M		
19. Proposed Depth 2428'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5831' GR	22. Approx. Date Work will Start 3/16/08	
23. Proposed Casing and Cementing Program See Operations Plan attached	BLM 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	
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	Date	

PERMIT NO.

APPROVAL DATE



H₂S POTENTIAL EXIST

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 2

Bond Numbers NMB-000015 and NMB-000089

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

NMOCD

MAY 21 2008

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

RECEIVED

MAR 06 2008

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

DISTRICT I
1636 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>34625</u>		*Pool Code 71629/71280	*Pool Name Aztec
		BASIN FRUITLAND COAL/PICTURED CLIFFS	
*Property Code <u>37032</u>	*Property Name SCOTT GAS COM		*Well Number 100S
*OGED No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 5831'

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
J	1	30-N	12-W		1795'	SOUTH	1425'	EAST	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
J									
Dedicated Acres FC - 313.79ac. (E/2) PG - 155.35ac. (SW4)			Joint or Infill		Consolidation Code		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

LOT 4	LOT 3	LOT 2	LOT 1
FEE			
		LOT 5	FEE
LAT: 36°50.3264' N. LONG: 108°02.7136' W. NAD 1927 LAT: 36.838777' N. LONG: 108.045853' W. NAD 1983		LOT 6	
		LOT 7	LOT 8
		USA SF-077482	1425' 2831.05' S 88° 42' 49" W 2471.31'

17 OPERATOR CERTIFICATION

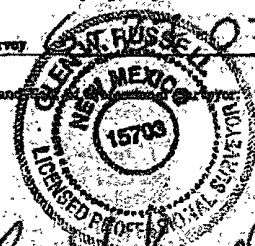
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or retained mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with the 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.

Sasha Spangler
Signature
Sasha Spangler 01-21-08
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 07
Signature Glenn W. Russell
Certificate Number 15703



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.

30-045-346025

5. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil & Gas Lease No.

USA SF-077482

7. Lease Name or Unit Agreement Name

Scott Gas Com

8. Well Number

#100S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal / Aztec Pictured Cliffs

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter J : 1795 feet from the South line and 1425 feet from the East line
 Section 1 Township 30N Rng 12W NMPM County San Juan

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

5831' GR

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

4400

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 Pit ☒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:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flame pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits 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/flame 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 Crystal Walker TITLE Regulatory Technician DATE 2/13/2008

Type or print name Crystal Walker E-mail address: crystal.walker@conocoPhillips.com Telephone No. 505-326-9837

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE MAY 21 2008

Conditions of Approval (if any):

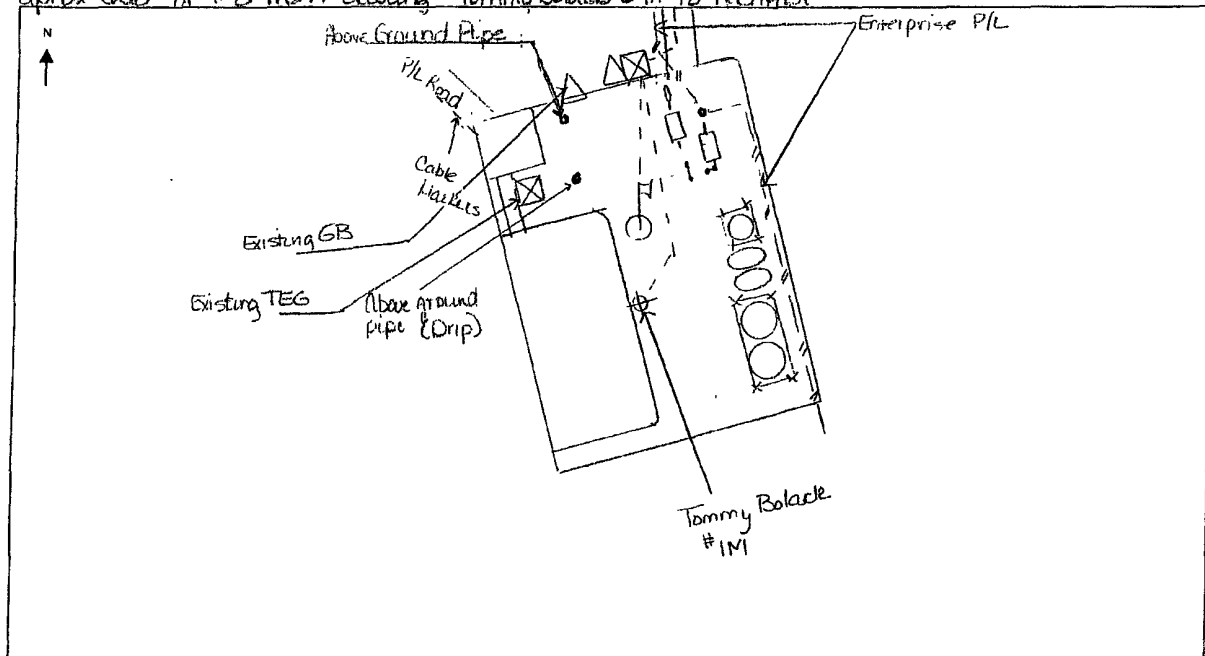


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Scott Gas Com #1008 LEGALS J-1-30-12 COUNTY San Juan

PURPOSED C.P. SYSTEM: Drill GB and set rectifier on N edge of location / W side of existing access (road). To old GB in. Set up off existing Span Pole of main road and trench approx 2250' to rectifier. Trench approx 150' of #3 neg from proposed well to rectifier. Trench approx 220' of #3 from existing Tommy Bolack #1M to rectifier.



EXISTING WELLHEAD	METER HOUSE	G.B.	POWER SOURCE	CABLE	NEW WELL	OVERHEAD A.C.

COMMENTS: Span pole is on the left side of main road if headed NE to Hwy 574

NEAREST POWER SOURCE Overhead A/C DISTANCE: 2250

PIPELINES IN AREA: Enterprise P/L

TECHNICIAN: Michael H. Hargood DATE: 8/30/07

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

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SCOTT GAS COM 100S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7139		AFE \$:	
Field Name: hBR_SAN JUAN	Rig: Aztec Rig 580	State: NM	County: SAN JUAN	API #:	
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist: Clark, Dave D	Phone: 505-326-9762	Prod. Engineer:	Phone:		
Res. Engineer:	Phone:	Proj. Field Lead:	Phone:		

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)
R20003	PICTURED CLIFFS(R20003)

Location: Survey Datum Code: NAD 27

Latitude: 36.838774	Longitude: -108.045228	X:	Y:	Section: 01	Range: 012W
Footage X: 1425 FEL	Footage Y: 1795 FSL	Elevation: 5831 (FT)	Township: 030N		

Tolerance:

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5843 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5723	<input type="checkbox"/>			8-3/4" hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	858	4985	<input type="checkbox"/>			
KIRTLAND	940	4903	<input type="checkbox"/>			
FRUITLAND	1793	4050	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2228	3615	<input type="checkbox"/>	300		Gas
Total Depth	2428	3415	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 373 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

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

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

GR/CBL

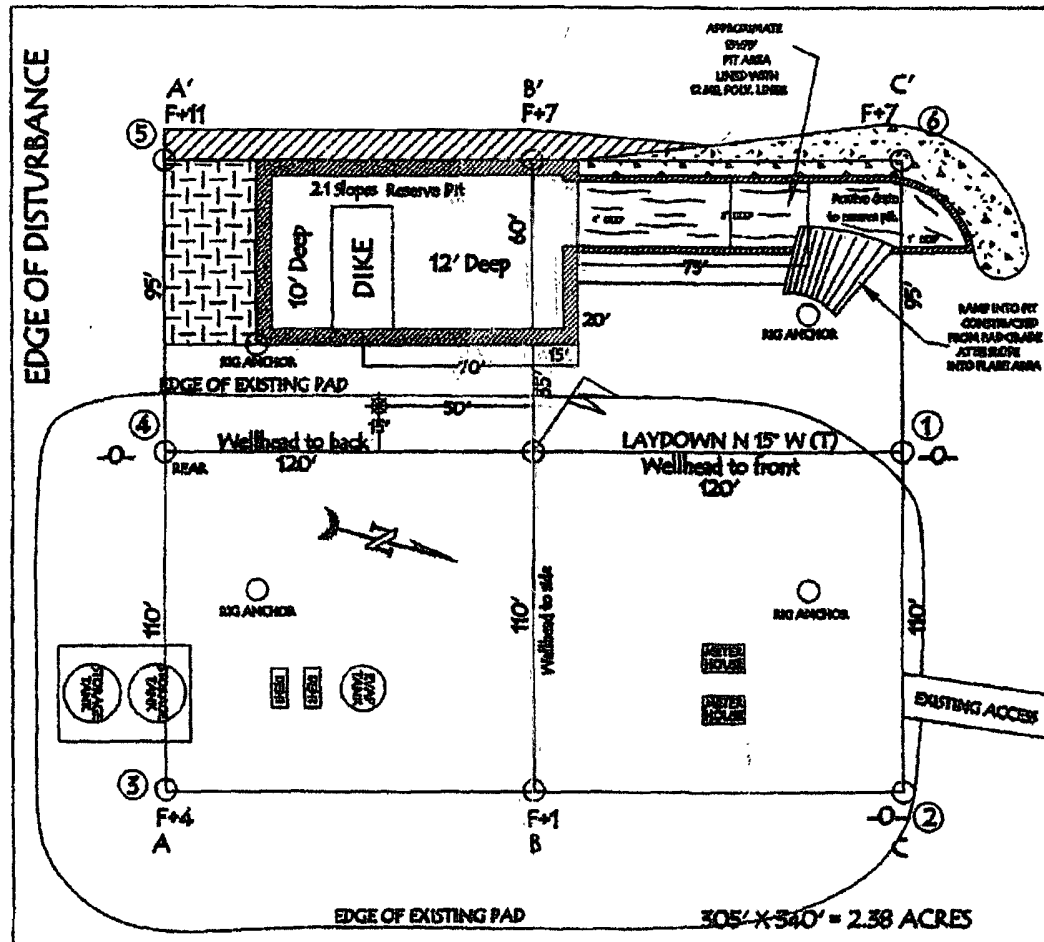
Additional Information:

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SCOTT GAS COM 100S, 1795' FSL & 1425' FEL
SECTION 1, T-30-N, R-12-W, NMPM, SAN JUAN COUNTY, NM
GROUND ELEVATION: 5831', DATE: MAY 24, 2007

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



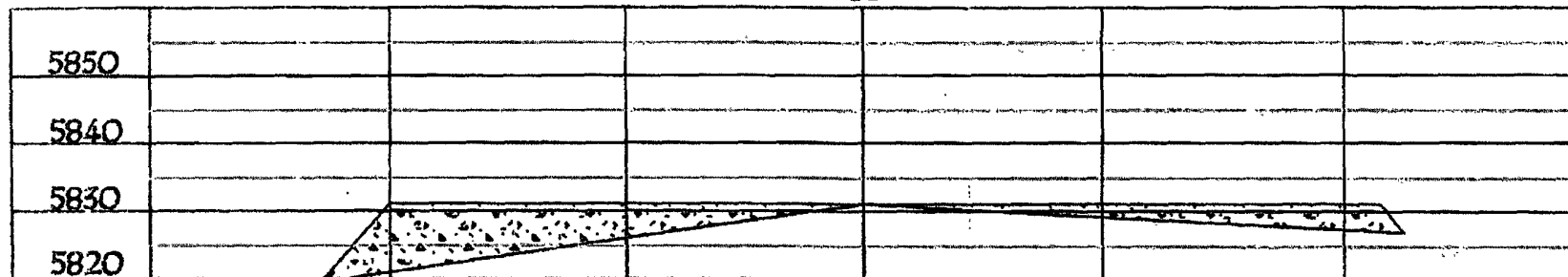
LATITUDE: 36° 50.3264'N LONGITUDE: 108° 02.7136'W NAD27

NOTE: 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.

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 SCOTT GAS COM 100S, 1795' FSL & 1425' FEL
 SECTION 1, T-30- N, R-12-W, NMPM, SAN JUAN COUNTY, NM
 GROUND ELEVATION: 5831', DATE: MAY 24, 2007

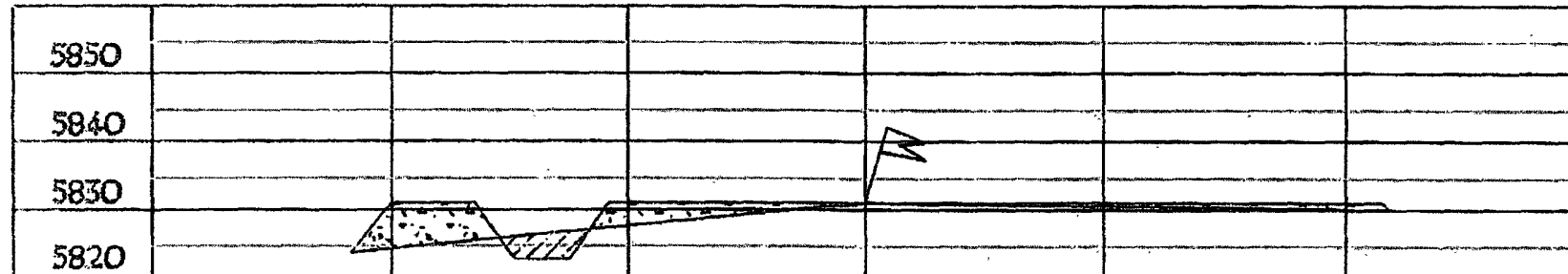
ELEV. A'-A

CL



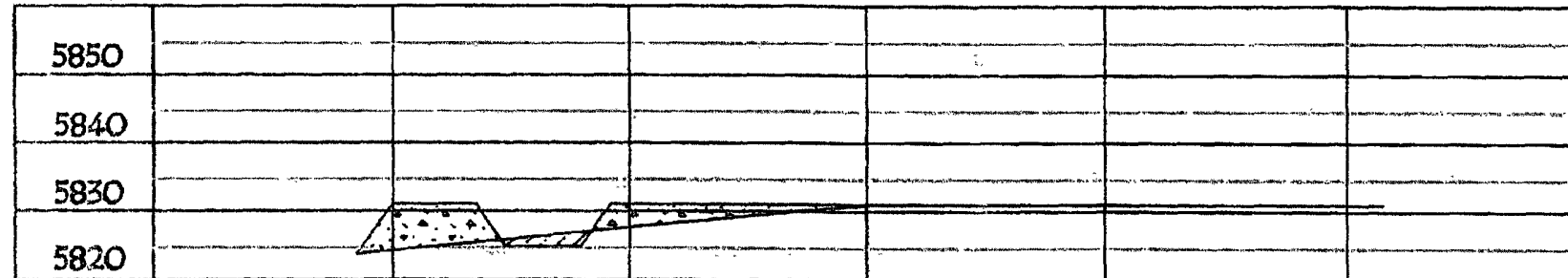
ELEV. B'-B

CL



ELEV. C'-C

CL



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