

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATION
ON FEDERAL AND INDIAN LANDS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED OCT 9 2007 Bureau of Land Management Farmington Field Office	5. Lease Number SF-081155 Unit Reporting Number RCVD NOV 1 '07
1b. Type of Well GAS		6. If Indian, All. or Tribe OIL CONS. DIV.
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		7. Unit Agreement Name DIST. 3 Allison Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number #40N
4. Location of Well Unit P(SESE), 605' FSL & 830' FEL Surf: Latitude 36° 57.5924 N Longitude 107° 29.6126 W		10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 19, T32N, R6W API # 30-045-34460
14. Distance in Miles from Nearest Town 22 mile/Ignacio	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 605'		
16. Acres in Lease 1872.99	17. Acres Assigned to Well MV/DK 320 (E/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 52' from Allison 40		
19. Proposed Depth 8052'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6464' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	10-4-07 Date	

PERMIT NO.

APPROVED BY [Signature]

APPROVAL DATE

TITLE Acting AFM
Minerals

DATE 10/31/07

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

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 NOV 05 2007

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

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

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 South St. Francis Dr. Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis
Santa Fe, NM 87505

RECEIVED

OCT 9 2007
Bureau of Land Management
Farmington Field Office

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34460	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 6784	⁵ Property Name ALLISON UNIT	
⁷ OCRID No 14538	⁶ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁸ Well Number 40N
		⁹ Elevation 6464

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
P	19	32-N	6-W		605	SOUTH	830	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
P									
¹² Dedicated Acres 320 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

<div>16</div> <div>LOT 1</div> <div>LOT 2</div> <div>LOT 3</div> <div>LOT 4</div>	<div>SF-081155</div> <div>FD. 3 1/4" BC. 1961 BLM.</div> <div>N 00-07-05 W 2659.79' (M)</div> <div>830'</div> <div>605'</div> <div>N 89-59-54 W 2657.36' (M)</div> <div>FD. 3 1/4" BC. 1961 BLM.</div>		<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Rhonda Rogers</i> Signature Rhonda Rogers Printed Name Regulatory Technician Title 7/30/07 Date</p>
	<div>18 SURVEYOR CERTIFICATION</div> <p>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.</p> <p>ROD A RUSH Date of Survey Signature and Seal of Registered Professional Surveyor 2507 Certificate Number</p>		

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.

30-045-34460

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease #SF-081155

7. Lease Name or Unit Agreement Name

Allison Unit

8. Well Number

#40N

9. OGRID Number

14538

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter P : 605' feet from the South line and 830' feet from the East line
Section 19 Township 32N Rng 6W NMPM County San Juan

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

6464'

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 ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐OTHER: ☐

SUBSEQUENT REPORT OF:

ALTERING CASING ☐P AND A ☐

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/flare 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/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 10-4-07Type or print name Rhonda Rogers E-mail address: rogerr@conocophillips.com Telephone No. 505-599-4018

For State Use Only

Deputy Oil & Gas Inspector,
District #3APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE NOV 05 2007

Conditions of Approval (if any):

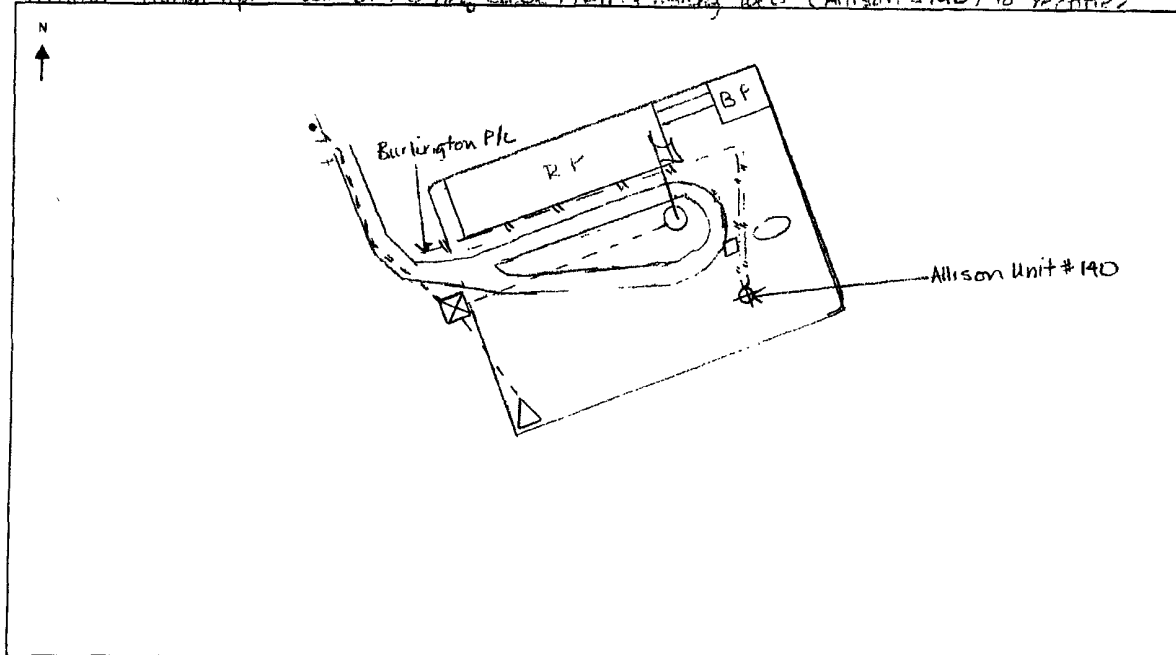


TECHNICAL SERVICES
A CORROSION COMPANY

CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Allison #40N LEGALS 19-32-6 COUNTY San Juan

PURPOSED C.P. SYSTEM: Drill GB in SW corner of location. Set rectifier on SW edge of location. Trench approx 750' of A/C from USAC in vicinity to rectifier. Trench approx 75' of positive from GB to rectifier. Trench approx 175' of #8 neg from proposed well to rectifier. Trench approx 220' of #6 neg cable from existing well (Allison #140) to rectifier.



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

COMMENTS: _____

NEAREST POWER SOURCE USAC DISTANCE: 750'
PIPELINES IN AREA: Burlington P/L

TECHNICIAN: Yuri W. Hingosa DATE: 6/20/2007

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

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLISON UNIT 40N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7126		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Riley, Brook		Phone: +1 505-324-6108	Prod. Engineer:		Phone:
Res. Engineer: McKee, Cory J		Phone: 505-326-9826	Proj. Field Lead:		Phone:
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface					
Datum Code: NAD 27		Straight Hole			
Latitude: 36.959875	Longitude: -107.493809	X:	Y:	Section: 19	Range: 006W
Footage X: 830 FEL	Footage Y: 605 FSL	Elevation: 6464	(FT)	Township: 032N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6480 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6280	<input type="checkbox"/>		
OJAM	2294	4186	<input type="checkbox"/>		
KRLD	2418	4062	<input type="checkbox"/>		
FRLD	2834	3646	<input type="checkbox"/>		Possible Gas
PCCF	3253	3227	<input type="checkbox"/>		
LEWS	3446	3034	<input type="checkbox"/>		
Intermediate Casing	3546	2934	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 800 cuft. Circulate cement to surface.
CHRA	4650	1830	<input type="checkbox"/>		
UCLFH	5088	1392	<input type="checkbox"/>		Gas
MASSIVE CLIFF HOUSE	5365	1115	<input type="checkbox"/>	590	Gas
MENF	5481	999	<input type="checkbox"/>		
PTLK	5664	816	<input type="checkbox"/>		
MNCS	6112	368	<input type="checkbox"/>		
GLLP	7026	-546	<input type="checkbox"/>		
GRHN	7731	-1251	<input type="checkbox"/>		
GRRS	7784	-1304	<input type="checkbox"/>		
CBRO	7903	-1423	<input type="checkbox"/>	2500	GAS
CBRL	7946	-1466	<input type="checkbox"/>		
ENCINAL	8002	-1522	<input type="checkbox"/>		TD 50' below T/ENCN
TOTAL DEPTH DK	8052	-1572	<input type="checkbox"/>		6-1/4" Hole. 4-1/2", 10.5/11.6 ppf, J-55 STC/LTC casing. Cement with 613 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:					
Reference Type	Well Name		Comments		
Production	ALLISON 40M		SE 19-32N-6W		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ALLISON UNIT 40N

DEVELOPMENT

Logging Program:

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

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

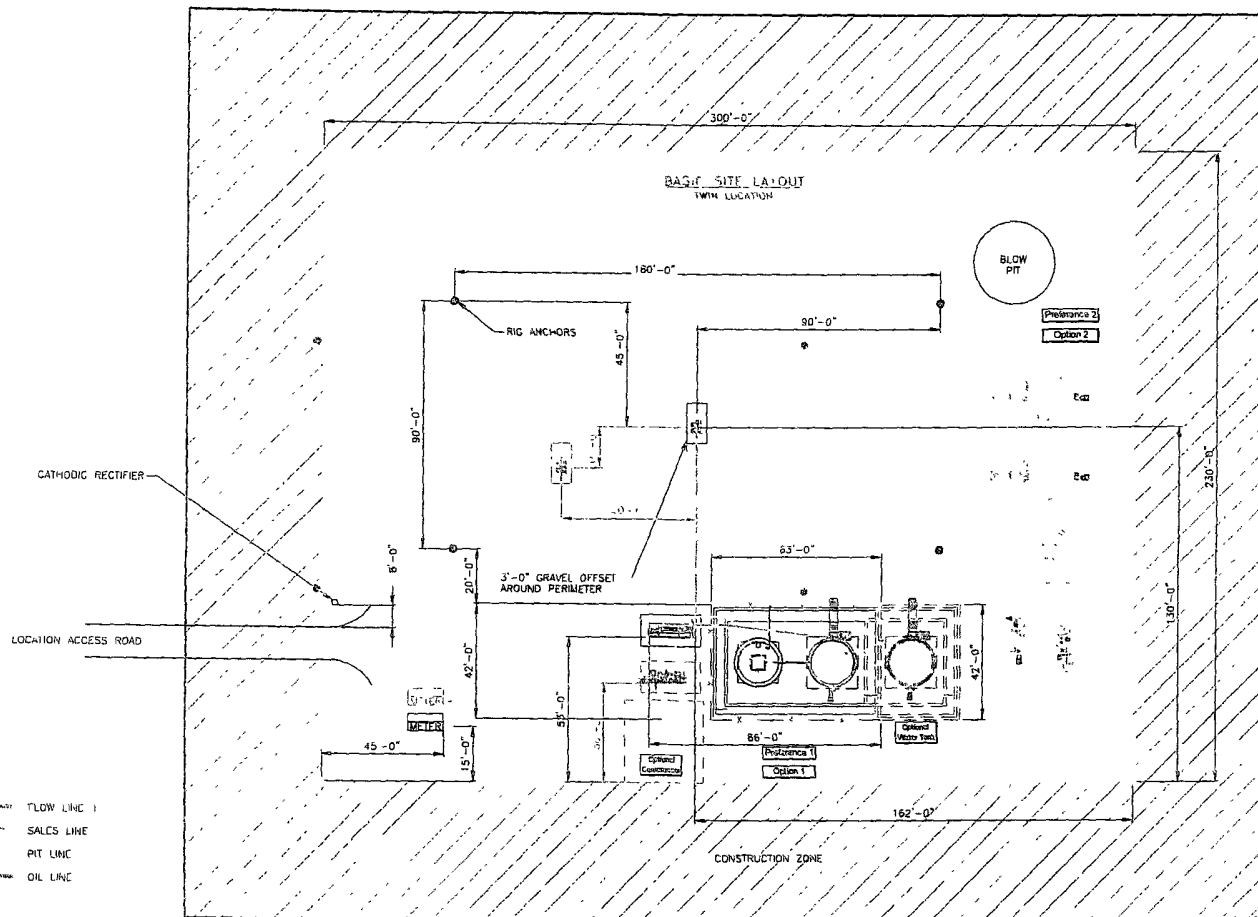
GR_CBL, MUDLOG 100' above GRHN toTD

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM032N006W19SE2 DK 32N06W19SE2 Avoid O & #114S (FTC) in J, prefer I,P. MUDLOG 100' above GRHN toTD

Zones - MVNM032N006W19SE2 DK 32N06W19SE2



FLOW LINE
 SALES LINE
 PIT LINE
 OIL LINE

SEE SHEET 3, 4 FOR PILING DETAILS
 ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS		CONOCOPhillips HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
DISCIPLINE	REVIEWED	DATE	BY	DATE	BY	DATE	BY	DATE	BY	FILE	DESCRIPTION			
PROCESS														
MECHANICAL														
Piping														
ELECTRICAL														
I & C														
CIVIL/STRUCTURAL														
PROJECT														
SAN JUAN BUSINESS UNIT												CUSTOMER	DATE	DATE
												SCALE	DATE	DATE
												DESIGNED BY	DATE	DATE
												HP3PHASE-REV1	1 OF 5	

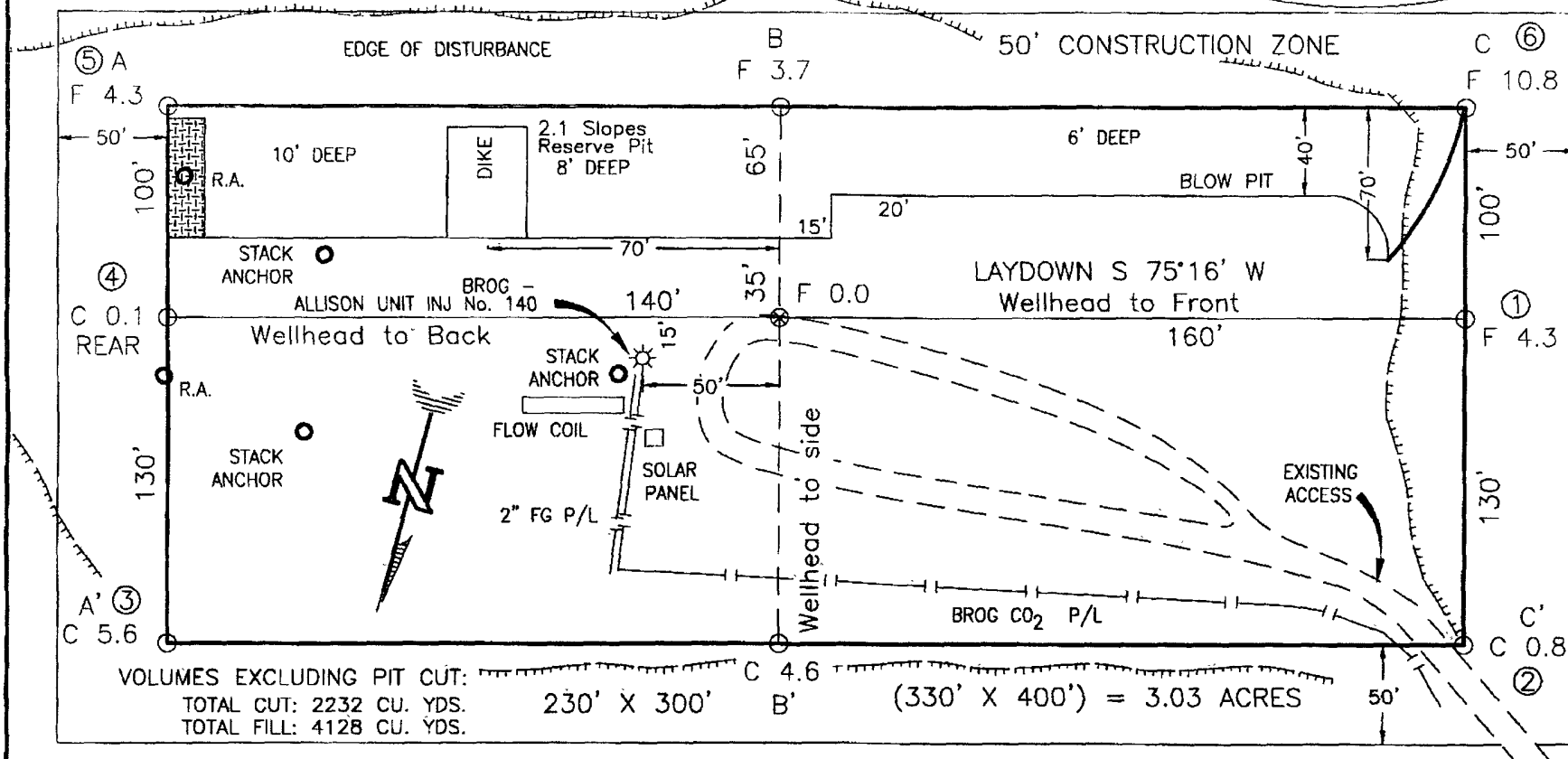
BURLINGTON RESOURCES OIL & GAS COMPANY LP

ALLISON UNIT No. 40N, 605 FSL 830 FEL

SECTION 19, T-32-N, R-6-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 6464, DATE: JULY 9, 2007

NAD 83
LAT. = 36.95988° N.
LONG. = 107.49415° W.
NAD 27
LAT. = 36°57.5924' N.
LONG. = 107°29.6126' W.



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

BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE:

DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. UTILITY NOTIFICATION CENTER OF COLORADO TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.

NOTE:

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.

NOTE:

ESTIMATED VOLUMES CALCULATED BY AVERAGE END AREA AT CROSS-SECTION SHOWN

REVISIONS	DATE	REVISED BY
LOCATION RESTAKE	7/20/07	G.V.

Daggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15068 • Farmington, NM 87401
Phone (505) 326-1772 • Fax (505) 326-6019
NEW MEXICO L.S. 8894

DRAWN BY: G.V.	CADFILE: BR670_PL3
ROW#: BR670	DATE: 6/05/07

BURLINGTON RESOURCES OIL & GAS COMPANY LP

ALLISON UNIT No. 40N, 605 FSL 830 FEL

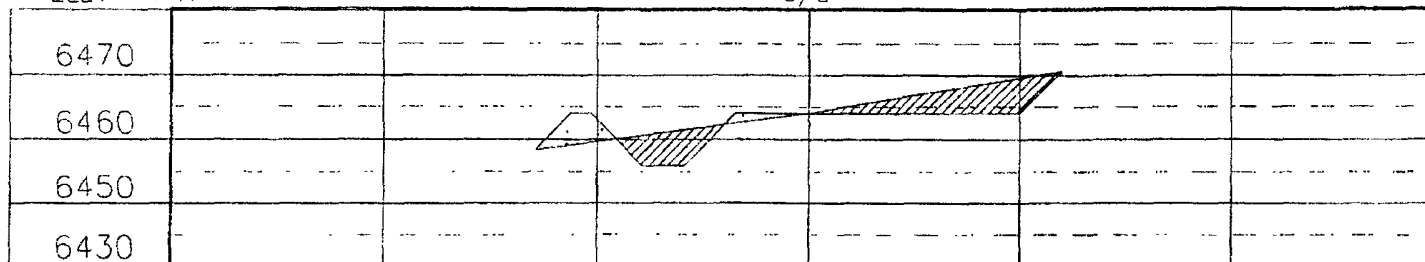
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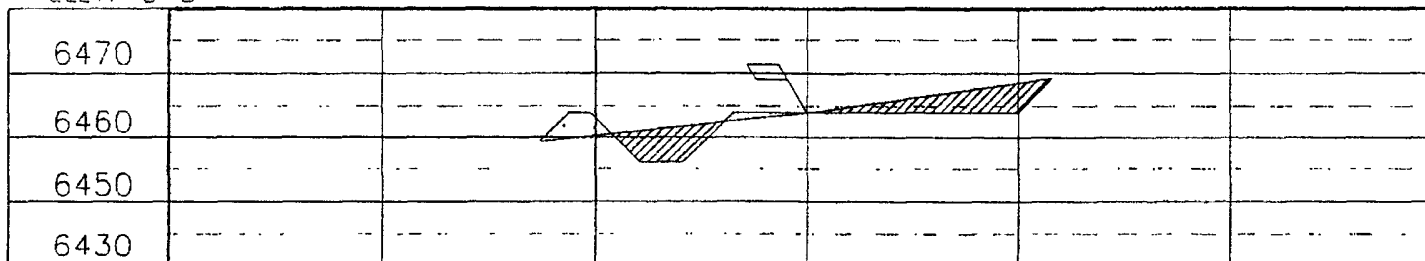
ELEV. A-A'

C/L



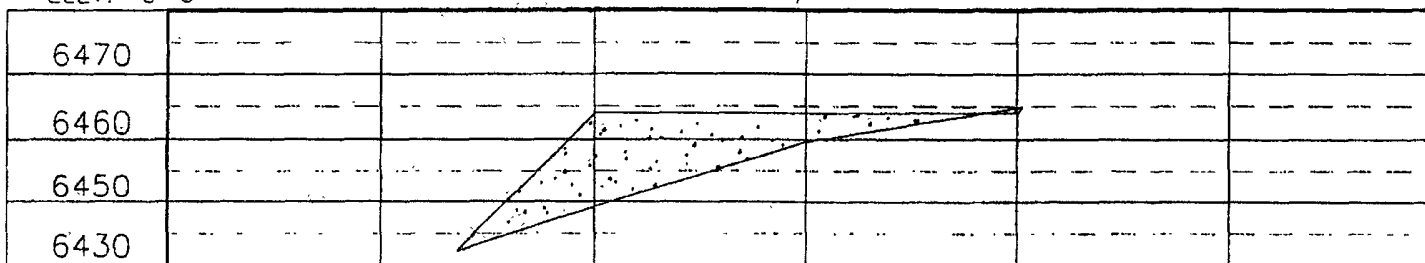
ELEV. B-B'

C/L



ELEV. C-C'

C/L




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REVISION	DATE	REVISION BY
LOCATION RE-STAKE'D	7/20/07	G.V.



Doggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15068 Farmington, NM 87401
Phone (505) 326-1772 • Fax (505) 326-6019
NEW MEXICO L.S. 8894

DRAWN BY G.V.	CAD FILE BR670_CFB
ROW# BR670	DATE 8/05/07