

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	207 MAY 27 PM 3:36 RECEIVED BLM 210 FARMER TECHN	5. Lease Number USA SF-080724-A 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 Zachry 9. Well Number #17M
4. Location of Well Unit K (NESW), 1995' FSL & 1940' FWL Latitude 36° 40.85242 N Longitude 107° 51.37991 W		10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 35, T29N, R10W API # 30-045-34335
14. Distance in Miles from Nearest Town 9.1 miles	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 686'		
16. Acres in Lease	17. Acres Assigned to Well MV/DK - 320 (S/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease		
19. Proposed Depth 6568'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5722' GL	22. Approx. Date Work will Start RCVD JUN27'07 OIL CONS. DIV. DIST. 3 5/29/07 Date	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Kandis Roland</u> Kandis Roland (Regulatory Technician)		

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 3165.2
and appeal pursuant to 43 CFR 3165.4

NMOCD

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

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 W. Grand Avenue, Artesia, N.M. 88210

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

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

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

207 MAY 29 3:38
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 34335		*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESA VERDE
*Property Code 7654	*Property Name ZACHRY		*Well Number 17M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES O&G CO LP		*Elevation 5722'

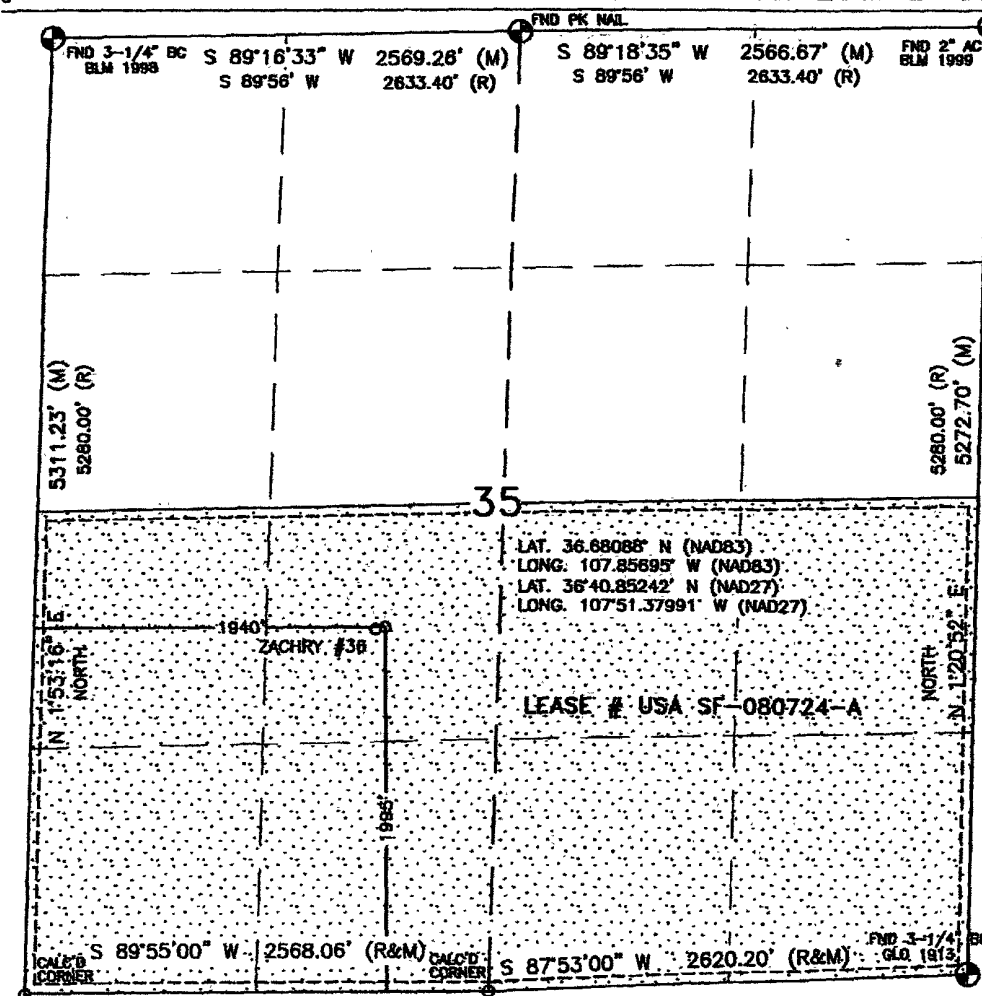
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	29N	10W		1995'	SOUTH	1940'	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
K									
Dedicated Acres 320 MV/DK S/2			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



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 or a compulsory pooling order heretofore entered by the division.

Rhonda Rogers
Signature Date

Rhonda Rogers

Printed Name

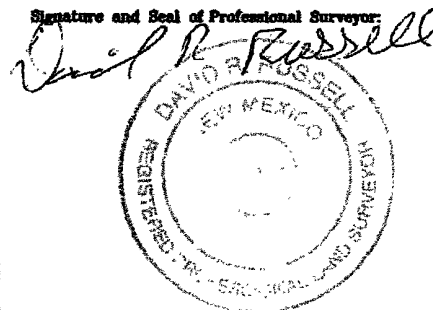
18 SURVEYOR CERTIFICATION

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.

JANUARY 05, 2007

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

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.

30-045-34335

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil & Gas Lease No.

Federal Lease USA SF-080724-A

7. Lease Name or Unit Agreement Name

Zachry

8. Well Number

#17M

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 K : 1995' feet from the South line and 1940' feet from the West line
Section 35 Township 29N Rng 10W NMPM County San Juan11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5722'

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:

N/A

mil

Below-Grade Tank:

Volume

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 ☐

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:

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 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. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Rhonda Rogers TITLE Regulatory Technician DATE 5-17-07Type or print name Rhonda Rogers E-mail address: ogerrs@conocophillips.com Telephone No. 505-599-4018

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, DATE JUN 29 2007

Conditions of Approval (if any):

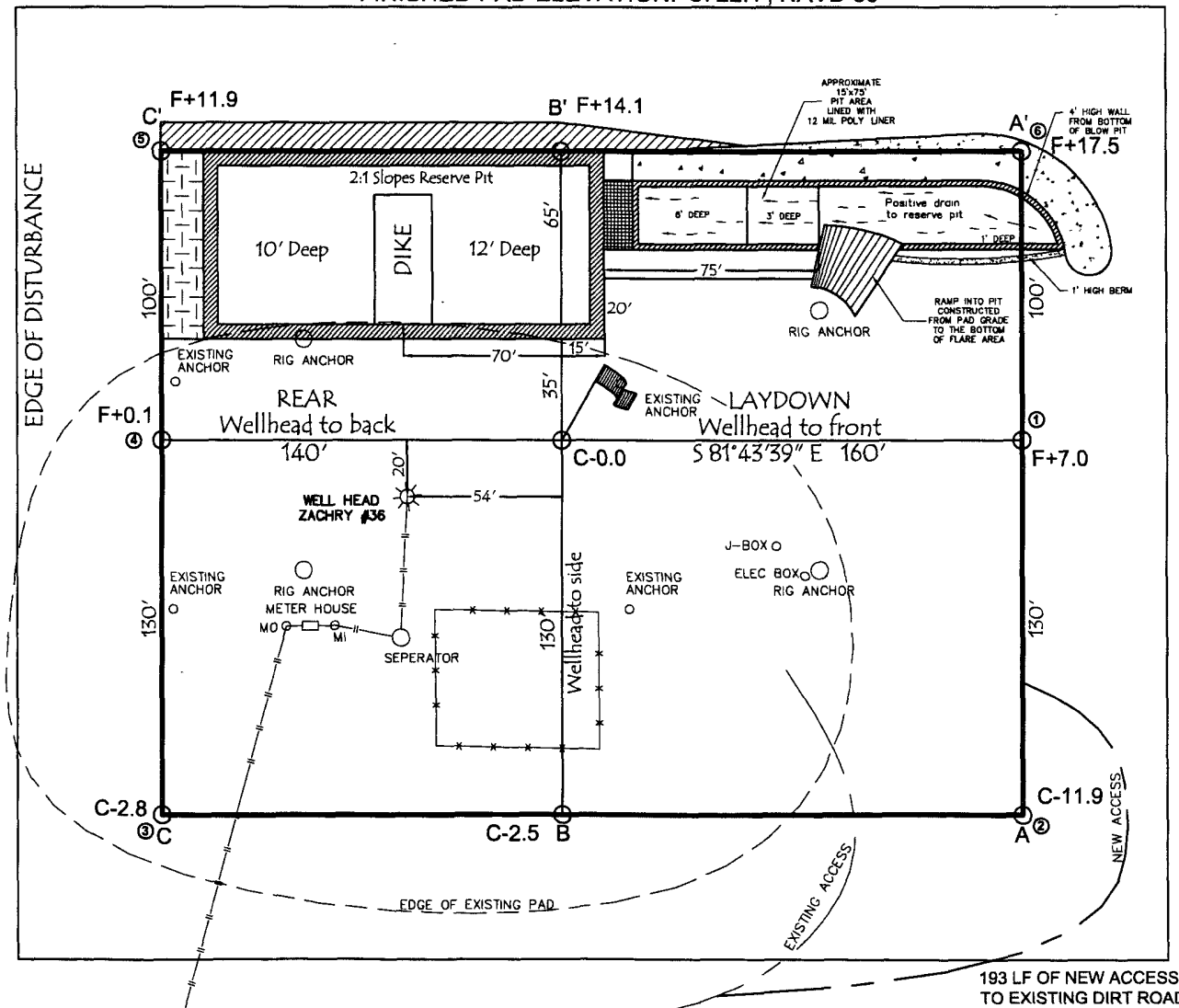
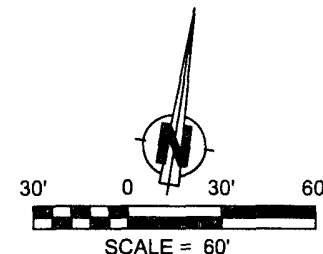
LATITUDE: 36.68088°N
 LONGITUDE: 107.85695°W
 DATUM: NAD 83

BURLINGTON RESOURCES O&G CO LP

ZACHRY #17M
 1995' FSL & 1940' FWL

LOCATED IN THE NE/4 SW/4 OF SECTION 35,
 T29N, R10W, N.M.P.M.,
 SAN JUAN COUNTY, NEW MEXICO
 GROUND ELEVATION: 5722', NAVD 88
 FINISHED PAD ELEVATION: 5722.1', NAVD 88

SLOPES TO BE CONSTRUCTED TO
 MATCH THE ORIGINAL CONTOURS
 AS CLOSE AS POSSIBLE.



330' x 400' = 3.03 ACRES OF DISTURBANCE
 SCALE: 1" = 60'
 JOB No.: COP056
 DATE: 01/10/07

NOTE:
 RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 RUSSELL SURVEYING, INC. 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, IN CONSTRUCTION ZONE AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR
 TO CONSTRUCTION.



Russell Surveying
 1409 W. Aztec Blvd. #5
 Aztec, New Mexico 87410
 (505) 334-8637

LATITUDE: 36.68088°N
LONGITUDE: 107.85695°W
DATUM: NAD 83

BURLINGTON RESOURCES O&G CO LP

ZACHRY #17M

1995' FSL & 1940' FWL

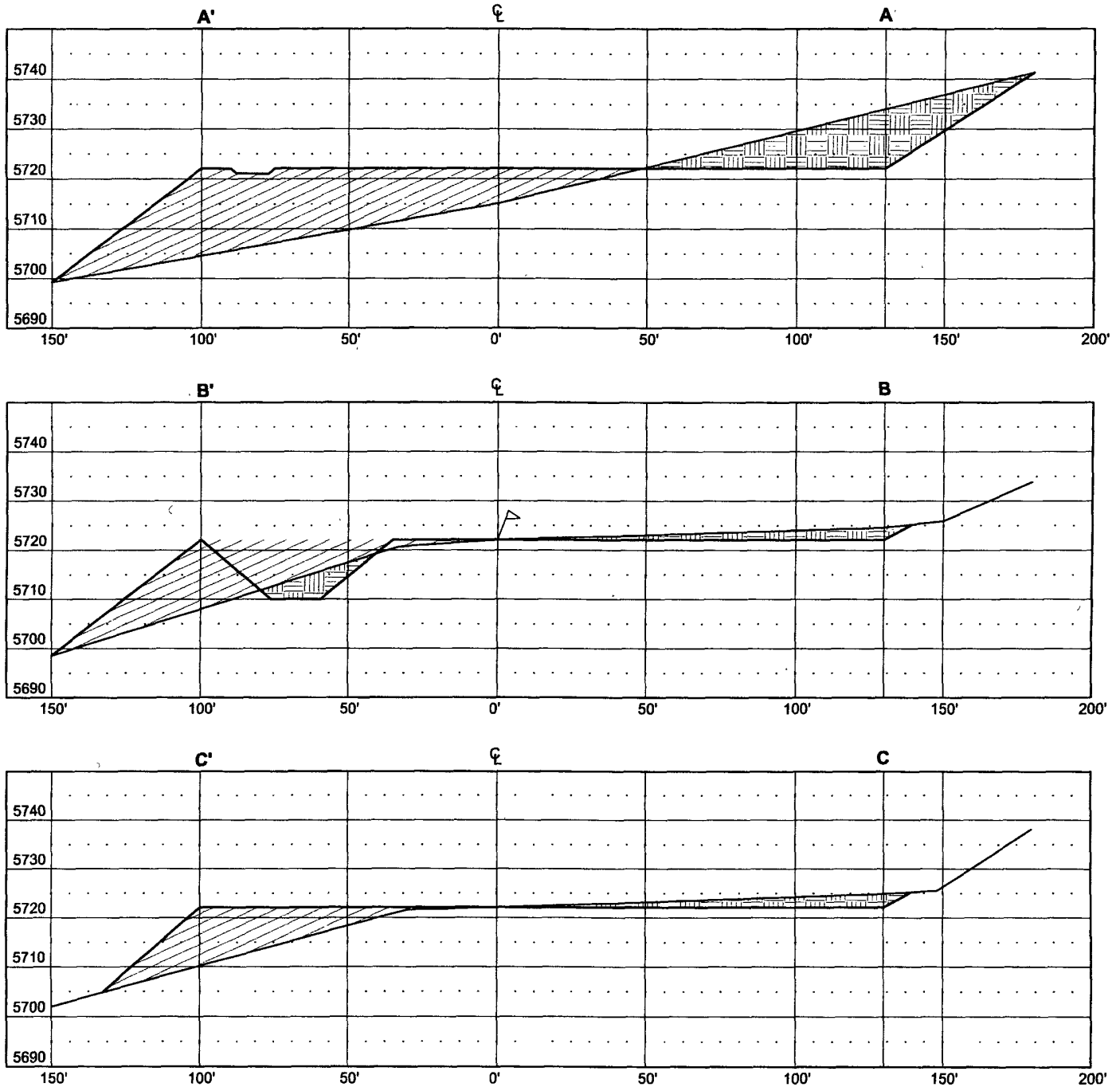
LOCATED IN THE NE/4 SW/4 OF SECTION 35,

T29N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

GROUND ELEVATION: 5722', NAVD 88

FINISHED PAD ELEVATION: 5722.1', NAVD 88



THIS DIAGRAM IS AN ESTIMATE OF DIRT BALANCE AND IS NOT INTENDED TO BE AN EXACT MEASURE OF VOLUME

VERT. SCALE: 1" = 30'
HORZ. SCALE: 1" = 50'
JOB No.: COP056
DATE: 01/10/07



Russell Surveying
1409 W. Aztec Blvd. #5
Aztec, New Mexico 87410
(505) 334-8637

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ZACHRY 17M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7023		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		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: 36.680874	Longitude: -107.856332	X:	Y:	Section: 35	Range: 010W
Footage X: 1940 FWL	Footage Y: 1995 FSL	Elevation: 5722 (FT)	Township: 029N		
Tolerance:					
Location Type: Year Round		Start Date (Est.):		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 5734 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	217	5517	<input type="checkbox"/>		
OJO ALAMO	879	4855	<input type="checkbox"/>		
KIRTLAND	999	4735	<input type="checkbox"/>		
FRUITLAND	1659	4075	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	1974	3760	<input type="checkbox"/>		
LEWIS	2089	3645	<input type="checkbox"/>		
Intermediate Casing	2189	3545	<input type="checkbox"/>		8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 492 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	2469	3265	<input type="checkbox"/>		
CHACRA	2959	2775	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	3554	2180	<input type="checkbox"/>	800	Gas
MENEFEE	3654	2080	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	4289	1445	<input type="checkbox"/>		
MANCOS	4629	1105	<input type="checkbox"/>		
UPPER GALLUP	5484	250	<input type="checkbox"/>		
GREENHORN	6259	-525	<input type="checkbox"/>		
GRANEROS	6318	-584	<input type="checkbox"/>		
TWO WELLS	6374	-640	<input type="checkbox"/>	900	Gas
PAGUATE	6432	-698	<input type="checkbox"/>		
CUBERO	6488	-754	<input type="checkbox"/>		
ENCINAL	6559	-825	<input type="checkbox"/>		
TOTAL DEPTH DK	6568	-834	<input type="checkbox"/>		6-1/4" Hole. 4-1/2", 10.6 ppf, J-55 STC casing. Cement with 596 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ZACHRY 17M

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

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - DK 29N10W35SW2 AND MVNM029N010W35SW2

Zones - DK 29N10W35SW2 AND MVNM029N010W35SW2

General/Work Description - NO LEWIS