

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

APR 08 2008

Bureau of Land Management
Farmington Field Office



1a. Type of Work
DRILL

5. Lease Number
USA NM-020495
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
Angel Peak
9. Well Number
#501S

4. Location of Well
Surf: Unit P(SESE), 790' FSL & 845' FEL

10. Field, Pool, Wildcat
Basin FC/Fultcher Kutz PC

Surf: Latitude 36 35.9486 N (NAD 27)
Longitude 107 57.9893 W (NAD 27)

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 2, T27N, R11W

API # 30-045- 34684

14. Distance in Miles from Nearest Town
12 miles/Bloomfield

12. County
San Juan
13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
790'

16. Acres in Lease
320.00

17. Acres Assigned to Well
320.00 (S/2), 160.00 (SE/4)

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
57' from Angel Peak #1E - DK

19. Proposed Depth
2035'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
5986' GR

22. Approx. Date Work will Start
BLM'S 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

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Tracey N. Monroe
Tracey N. Monroe (Staff Regulatory Technician) Date

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 2 Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.

PRIOR TO CASING & CEMENT

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

NMOCD

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

PC

RECEIVED

APR 04 2008

DISTRICT I
1025 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

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

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

Bureau of Land Management
State of New Mexico Farmington Field Office
Energy, Minerals & Natural Resources Department

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

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- 34684	² Pool Code 71629/77200	³ Pool Name Basin Fruitland Coal/Fulcher Kutz Pictured Cliffs
⁴ Property Code 6787	⁵ Property Name ANGEL PEAK	⁶ Well Number 501S
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5886

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	2	27-N	11-W		790	SOUTH	845	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 320.00 (s/2) FC 160.00 (SE/4) PC		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 LOT 4 LOT 3 LOT 2 LOT 1 FD 2 1/2" GLO 1913 S.C. 2 USA NM-020495 LAT: 36°35.9486" N. (NAD 27) LONG: 107°57.9893" W. (NAD 27) FD 2 1/2" GLO 1913 S.C. S 89°54'08" W 2649.9' (M) 790' 845' FD 2 1/2" GLO 1913 S.C.				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Crystal Walker</i> 4/4/08 Signature Crystal Walker Printed Name Regulatory Technician Title April 4th, 2008 Date 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. NOTARY PUBLIC NEW MEXICO 14894 REGISTERED PROFESSIONAL SURVEYOR 14801 Certificate Number
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COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.ZA2.4732/4733		
ANGEL PEAK # 501 S	DATE	1/15/2008
WELL NAME	# 1 E	
WELL NAME		

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	P 2	27 N	11 W	36 35.9506 N	107 57.0290 W
COUNTY	SAN JUAN				

RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP
COMPRESSOR
RTU
SAMS
TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
		x		
	x			
# 8	350 ft			
		x		
			city Fmt	
			3000 ft	
		x		

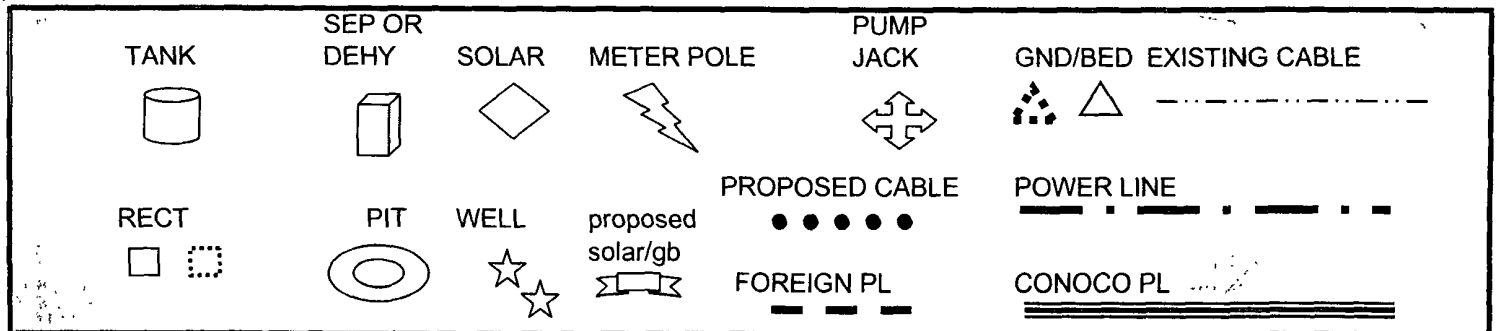
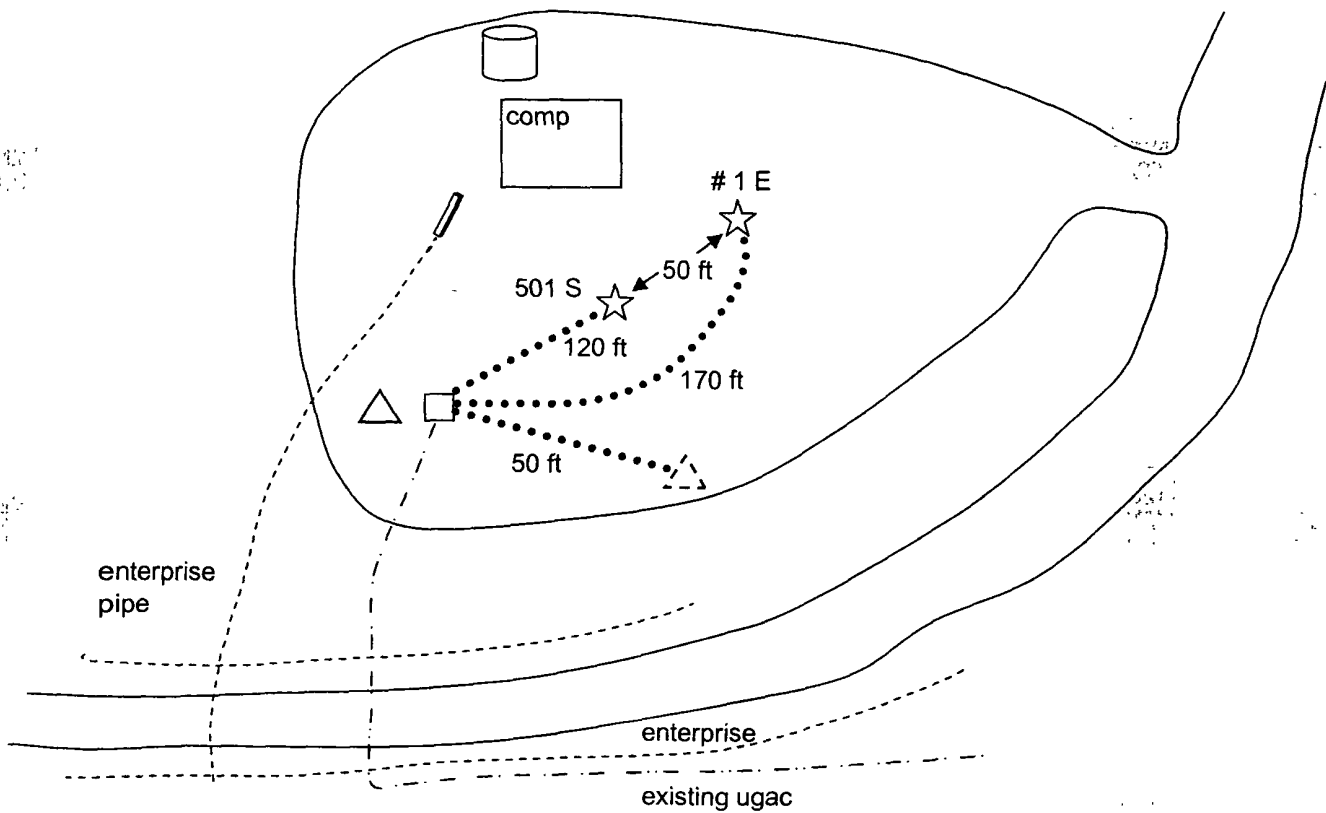
COMMENTS	loc moved from original - now dual with # 1 E - Rect ok - has 3 neg terminals -
	need new GB - place to avoid shadow effect -
	changed lats & longs

WELL NAME

Angel Peak 501 S



sandy soil
new Gnd Bed away from shadow effect



**Directions from the Post Office in
in BLOOMFIELD, NM to**

Burlington Resources Oil & Gas Company LP ANGEL PEAK No. 501S

790' FSL & 845' FEL, Section 2, T-27-N, R-11-W, N.M.P.M., San Juan County, New Mexico

**From the Post Office in Bloomfield, NM
Take Highway 64 East for 0.86 miles.**

Turn right and go southerly 8.39 miles.

Turn left and go easterly 2.47 miles to existing access for the Angel Peak No. 1E.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ANGEL PEAK 501S

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.4732F/4733P		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
UPL	BLANCO PICTURED CLIFFS
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.599143	Longitude: 107.966488	X:	Y:	Section: 02	Range: 011W
Footage X: 845 FEL	Footage Y: 790 FSL	Elevation: 5986	(FT)	Township: 027N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2009	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5998	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5878	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	745	5253	☐			
KIRTLAND	841	5157	☐			
FRUITLAND COAL	1633	4365	☐	150		
PICTURED CLIFFS	1835	4163	☐			Gas
Total Depth	2035	3963	☐			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 313 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Intermediate	1E	

Logging Program:

Intermediate Logs:	☐ Log only if show	☐ GR/ILD	☐ Triple Combo
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TD Logs:	☐ Triple Combo	☐ Dipmeter	☐ RFT	☐ Sonic	☐ VSP	☐ TDT	☒ Other
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GR_CBL

Additional Information:

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