

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 06 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA NM - 01445 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 OIL CONS. DIV. DIST. 3	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Morris A 9. Well Number #101	
4. Location of Well Surf: Unit M (SWSW), 978' FSL & 1279' FWL Surf: Latitude 36.77869° N Longitude 108.01882° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T30N, R11W API # 30-045-34813	
14. Distance in Miles from Nearest Town 6.2 miles/Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 978'		
16. Acres in Lease 79.550	 H ₂ S POTENTIAL EXISTS	
17. Acres Assigned to Well FC - 318.53 (S/2)		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 481' from Bruington 1 #29 DK		
19. Proposed Depth 2288'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5823' 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 INDIANLANDS	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>10/27/08</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY DJ Montee

TITLE AFM

DATE 10/27/08

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

NOV 06 2008

This action is subject to technical and procedural review pursuant to 43 CFR 31 and appeal pursuant to 43 CFR 3165.4

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOC FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOC PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

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

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

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

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

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34813	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 1325-7326	⁵ Property Name MORRIS A	⁶ Well Number 101
⁷ OGRIID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 5823'

¹⁰ Surface Location

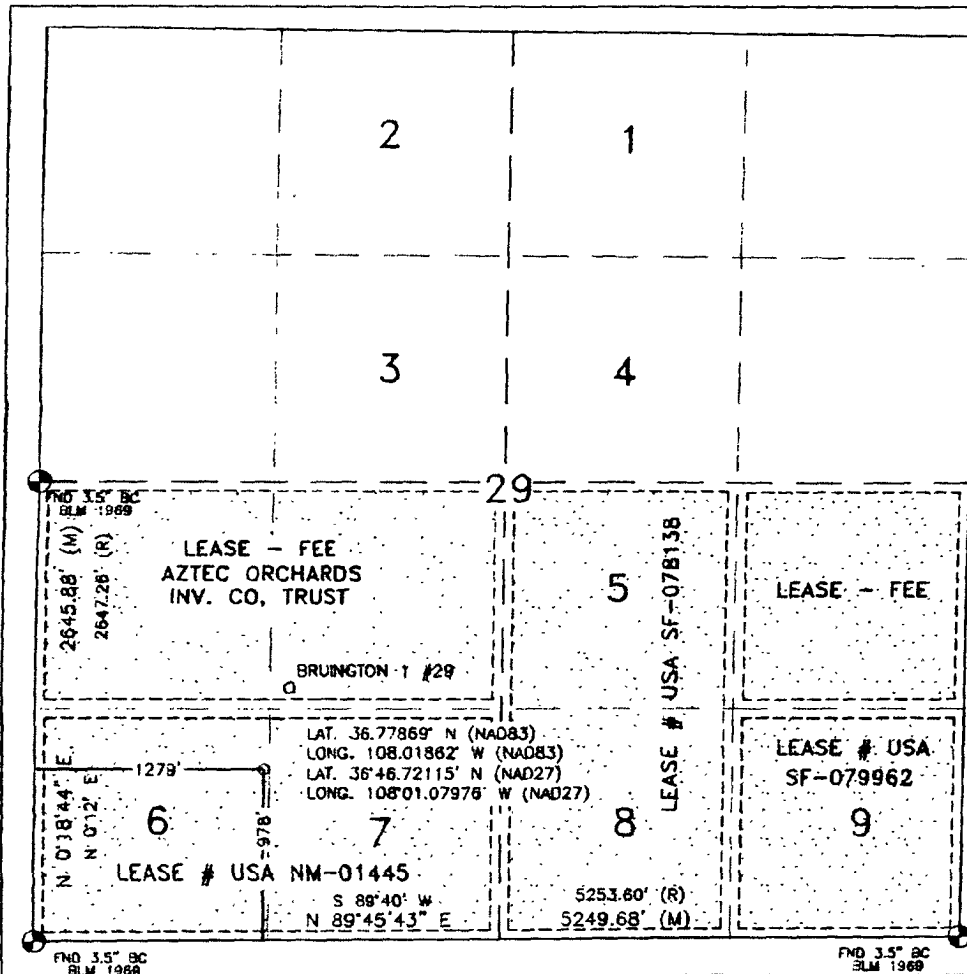
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	30N	11W	6	978'	SOUTH	1279'	WEST	SAN JUAN

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
M									
¹² Dedicated Acres 318.53 Acres (S/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

16



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 released 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.

Sasha Spangler 02-05-08
Signature Date

Sasha Spangler
Printed Name

¹⁸ SURVEYOR CERTIFICATION

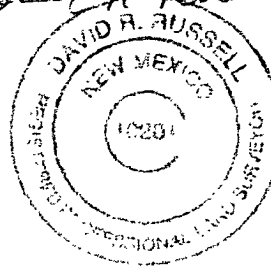
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JANUARY 21, 2008

Date of Survey

Signature and Seal of Professional Surveyor

David R. Russell



DAVID RUSSELL

Certificate Number 10201

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.PDO7.Q5		
MORRIS A # 101	DATE	2/5/2008
WELL NAME		
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
M 29	30 N	11 W	36.77869 N	108.01862 W

COUNTY

SAN JUAN

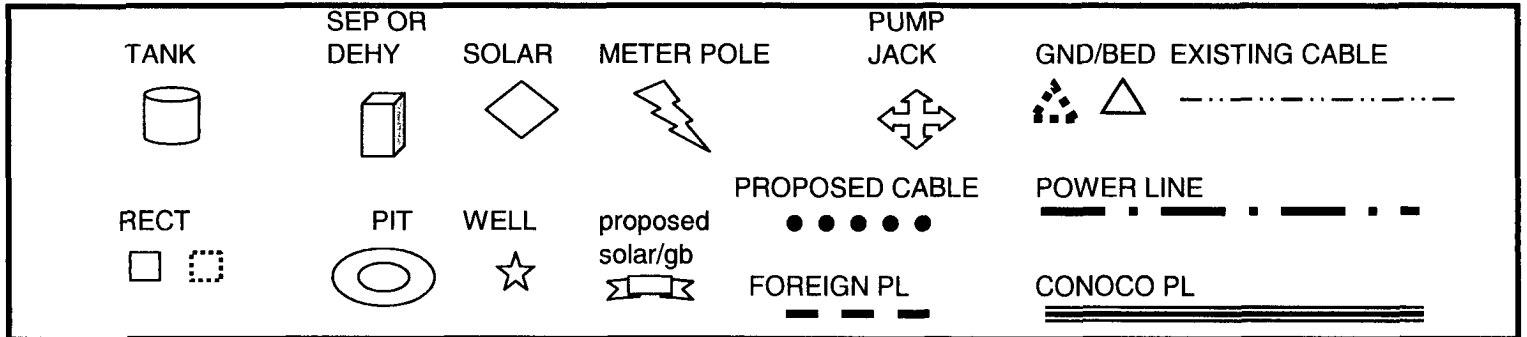
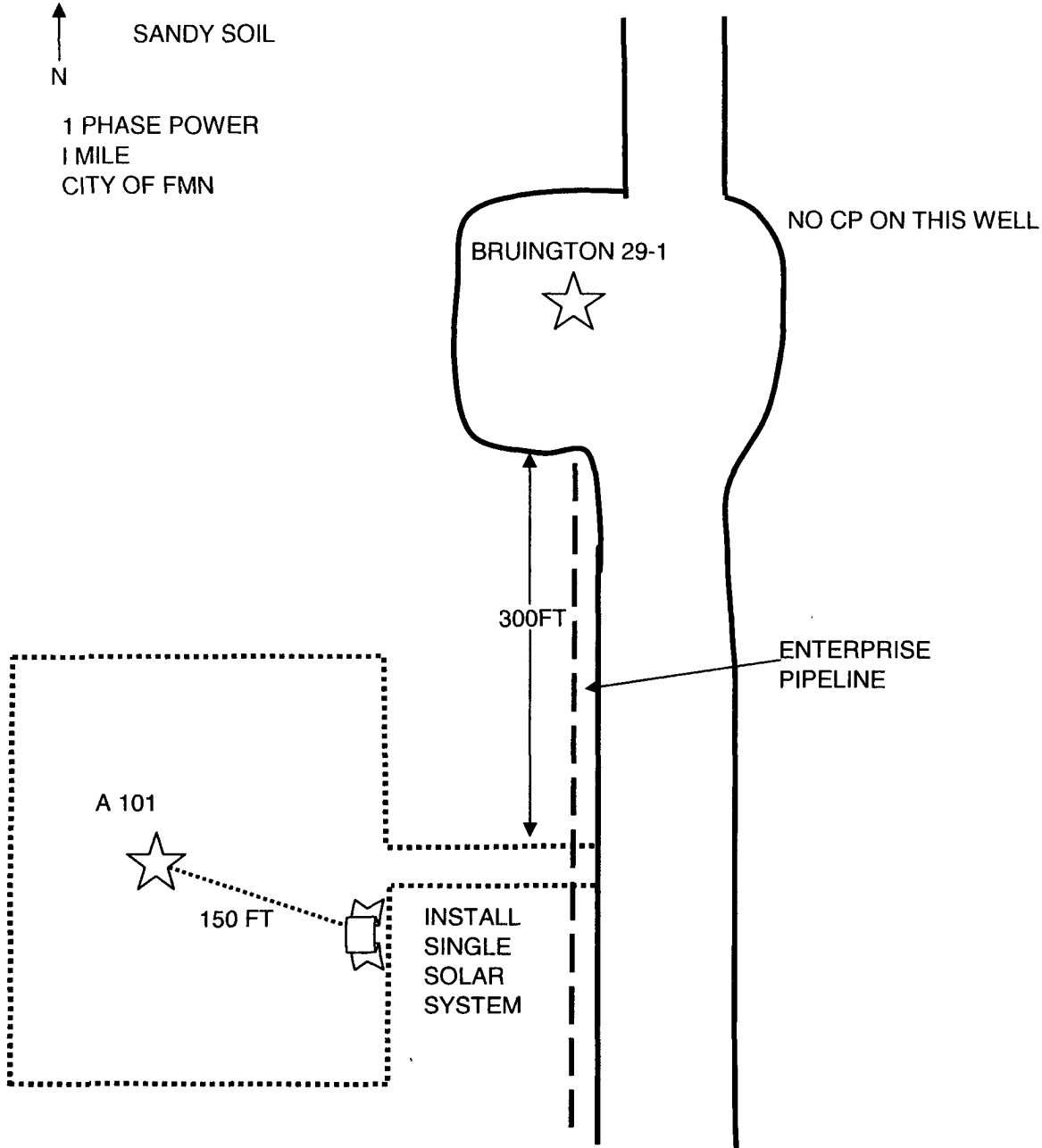
RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
	X			
	X			
# 8	200'			
			CITY FMT	
			1 MILE	

COMMENTS

AC POWER 1 MILE - SANDY SOIL - INSTALL SOLAR SYSTEM -
29-1 HAS NO CP

WELL NAME	MORRIS A # 101
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

MORRIS A 101

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7083		AFE \$: 278,105.23	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762	Prod. Engineer:		Phone:
Res. Engineer:		Phone:	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Datum Code: NAD 27

Latitude: 36.778686	Longitude: -108.017996	X:	Y:	Section: 29	Range: 011W
Footage X: 1279 FWL	Footage Y: 978 FSL	Elevation: 5823	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 5835 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5715	☐			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	710	5125	☐			
KIRTLAND	786	5049	☐			
FRUITLAND	1790	4045	☐	300		Gas
PICTURED CLIFFS	2088	3747	☐			Gas
Total Depth	2288	3547	☐			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 351 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

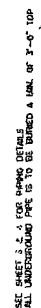
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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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5 OF 5

[illegible]

BURLINGTON RESOURCES O&G CO LP

MORRIS A #101
978' FSL & 1279' FWL
LOCATED IN THE SW/4 SW/4 OF SECTION 29,
T30N, R11W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM AZTEC, NM POST OFFICE TRAVEL SOUTH ON HWY 550 3.3 MILES.
- 2) TURN RIGHT AND GO 500'.
- 3) TURN RIGHT AND GO 1.3 MILES PAST RADIO TOWERS.
- 4) TURN LEFT AND GO 0.4 MILES.
- 5) TURN RIGHT AND GO 0.2 MILES.
- 6) TURN LEFT AND GO 0.5 MILES THROUGH WELL LOCATIONS.
- 7) TURN LEFT AND GO 0.4 MILES.
- 8) TURN LEFT AND GO DUE SOUTH 0.9 MILES PAST EXISTING LOCATION TO BEGIN ACCESS ON RIGHT.
- 9) FOLLOW RED FLAGGING 189.9 FEET TO LOCATION.

WELL FLAG LOCATED AT LAT 36.77869° N LONG 108.01862° W (NAD83)

