

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 06 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA NM-03486-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 RCVD DEC 5 '08 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 Fogelson 9 9. Well Number #100
4. Location of Well Surf: Unit H (SENE), 1350' FNL & 1070' FEL Surf: Latitude 36.74368 N Longitude 107.99166 W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) 11 Sec. 9, T29N, R11W API # 30-045- 34843
14. Distance in Miles from Nearest Town 3.7 miles/Bloomfield, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1070'	
16. Acres in Lease 760.00	17. Acres Assigned to Well FC - 320.00 N/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 304' from Lloyd A #3 P&A CH/PC	
19. Proposed Depth 2216'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5767' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	<u>11/5/08</u> Date

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

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE APM

DATE 12/4/08

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

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

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

DEC 17 2008

NMOCD

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

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

DISTRICT I
1625 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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
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 34843	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 7027 37103	⁵ Property Name FOGELSON 9	⁶ Well Number 100
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5767

¹⁰ Surface Location

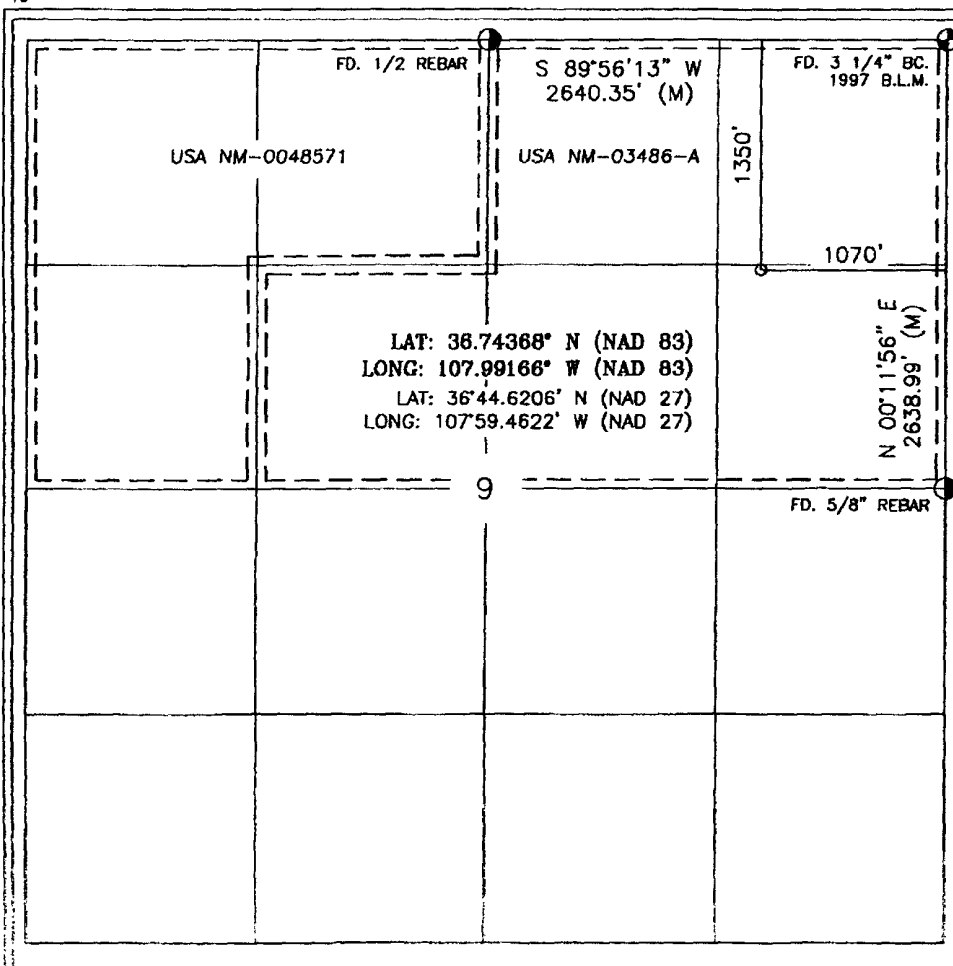
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	9	29-N	11-W		1350	NORTH	1070	EAST	SAN JUAN

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
H N/2									
¹² Dedicated Acres 320 N/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 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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sasha Spangler 11-27-07
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.

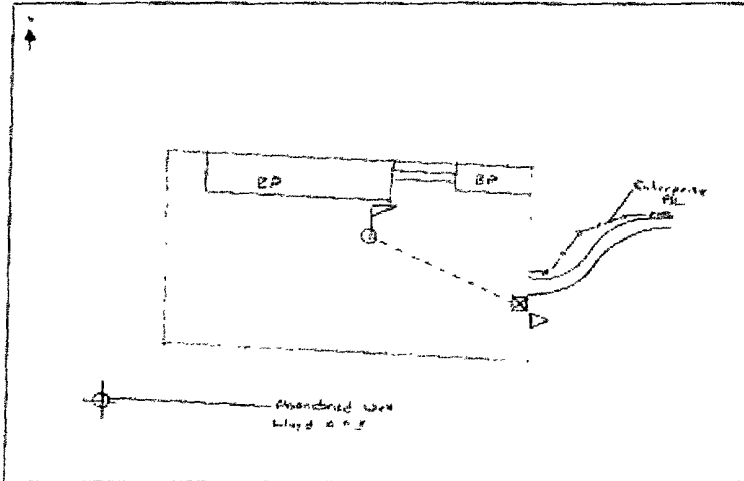
OCTOBER 12/11/07
Date of Survey
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
8894
Certificate Number



CATHODIC PROTECTION PLAN FOR NEW WELLS

WELL NAME Fogelson 9 #100 LEGALS H 9 29 11 COUNTY San Juan

PURPOSED C.P. SYSTEM: Install CP and set new well water meter @ W end of location
Trench approx 140' at 4' negative cable from wellhead to meter



WELLHEAD	METER SIGNAL	W	POWER SOURCE	CABLE	NEW WELL	DISCONNECT

COMMENTS:

NEAREST POWER SOURCE N/A DISTANCE: N/A

PIPELINES IN AREA: Enterprise Field Service

TECHNICIAN: John Telford DATE: 1/10/08

6 CR 5412 BLOOMFIELD, N.M. 87413
 OFFICE: 505-634-0371 CELL: 505-793-6953

**FOGELSON 9 100**

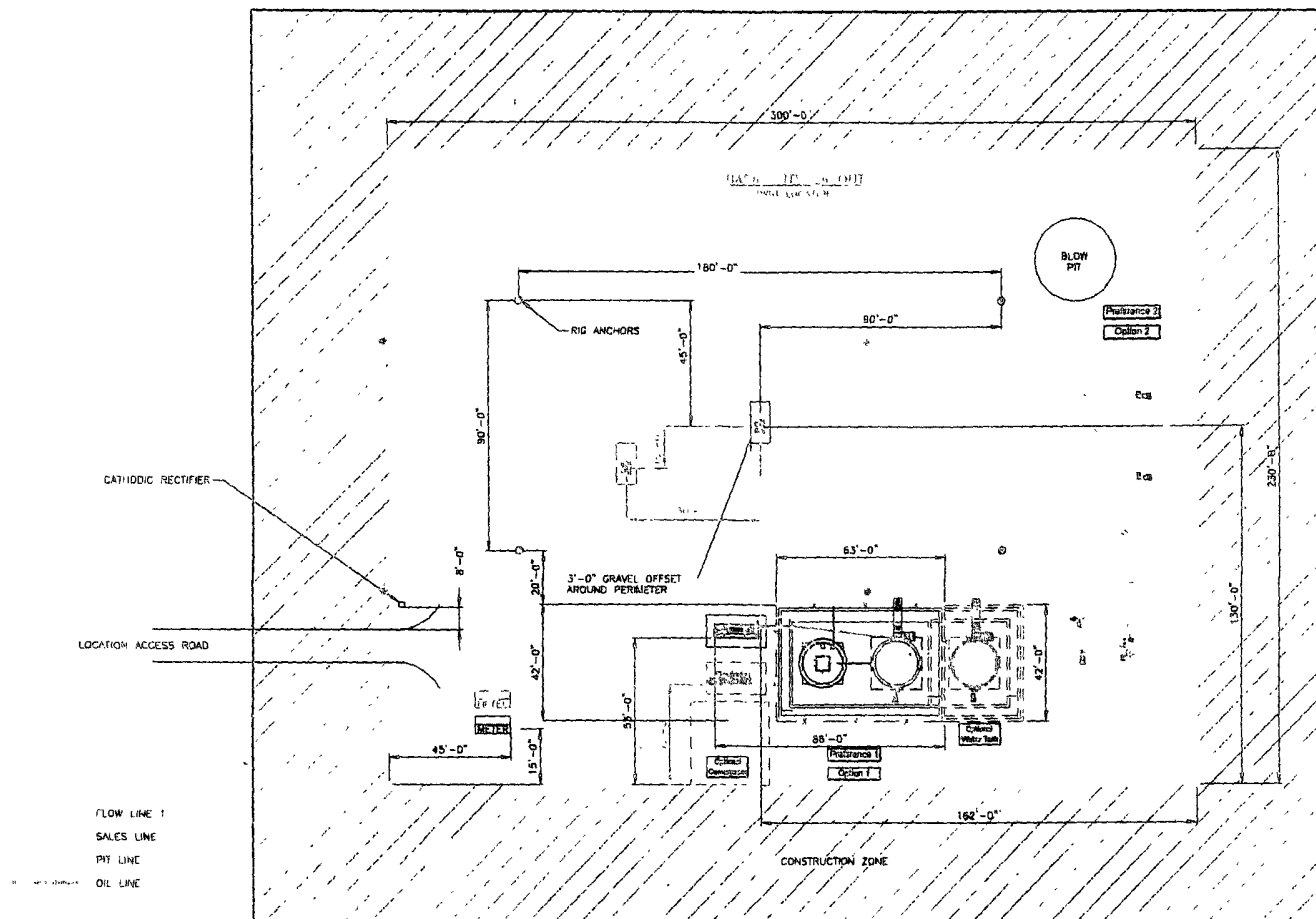
DEVELOPMENT

Location: Surface		Datum Code: NAD 27				Straight Hole	
Latitude: 36.743675	Longitude: -107.991037	X:	Y:	Section: 09	Range: 011W		
Footage X: 1070 FEL	Footage Y: 1350 FNL	Elevation: 5767	(FT)	Township: 029N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5779 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	120	5659	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.	
OJO ALAMO	701	5078	<input type="checkbox"/>				
KIRTLAND	816	4963	<input type="checkbox"/>				
FRUITLAND	1651	4128	<input type="checkbox"/>	400		Gas	
FRUITLAND COAL	1792	3987	<input type="checkbox"/>				
PICTURED CLIFFS	2016	3763	<input type="checkbox"/>			Gas	
Total Depth	2216	3563	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 340 cuft. Circulate cement to surface.	

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

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

Comments: Location/Tops/Logging: EGMA0208104414001517 7/16/2015 10:00 AM



SEE SHEET 3 - 1 FOR LIVING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN OF 3'-0" DEEP

SHEET 1 OF 5

										ENGINEERING REVIEW			REFERENCE DRAWINGS		CONOCO PHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT	
										DESIGNER	REVIEWED	DATE	No.	DESCRIPTION		
										PROCESS MECHANICAL						
										PIPING						
										ELECTRICAL						
										T & C						
										CIVIL/STRUCTURAL						
										OTHER						
DESCRIPTION										DATE	BY	CHK'D	CHK	DATE	NO.	
SAN JUAN BUSINESS UNIT																
										Control No.	DESIGN APP'D			10/20/87		
										DESIGN BY	DESIGN NAME			10/20/87		
										HP 3PHASE-REV1				10/20/87		

Image ID: "S:\Data\COAD\ArchivedRegulatory\Sign Location - HR La\outdec 09/28/2007 - 05:39pm

Fogelson 9 #100 well location

Travel east on Hwy 610.7 mi to Hwy 550 (Lat. 36.71139° N, Long. 107.97889° W).
Turn left on Hwy 550 and travel north 2.1 mi (Lat. 36.74222° N, Long. 107.97889° W).
Turn left on gravel road and travel westerly 0.3 mi, through locked gate, to the Fogelson
10 #1 well location (Lat. 36.74222° N, Long. 107.98500° W).
Continue westerly on two-track road 0.3 mi to new access on north side of the road (Lat.
36.71361° N, Long. 107.99028° W).
New access continues east 142' to the proposed Fogelson 9 #100 well location (Lat.
36.74368° N, Long. 107.99166° W) which is adjacent to the north side of the abandoned
Lloyd A #3 well location (Lat. 36.74318° N, Long. 107.99117° W).