UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

2008 MAY 4 PM 10 02

a.	Type of Work	5 Lana Number	RECEIVED
1.	DRILL	5. Lease Number - NMSF - 078	O FARMINGTI 463-A
		Unit Reporting N	
٠.	Type of Well GAS	6. If Indian, All. or	Tribe
	Operator BURLINGTON	7. Unit Agreement	Name
	RESOURCES Oil & Gas Company		
•	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Na Lea Fede	
	(505) 326-9700	9. Well Number #100	
•	Location of Well Unit M (SWSW), 735' FSL, 895' FWL	10. Field, Pool, Wild Basin Fruitlan	
		11. Sec., Twn, Rge, Sec. 34, T31N,	
	Longitude 108.19793°'W	API # 30-045- 3	3731
4.	Distance in Miles from Nearest Town 8 miles to Farmington, NM	12. County San Juan	13. State
5.	Distance from Proposed Location to Nearest Property or Lease Line 735'		
6.	Acres in Lease	17. Acres Assigned 320 W2	to Well
3.	Distance from Proposed Location to Nearest Well, Drlg, Compl., or A	Applied for on this Lea	ise
9.	Proposed Depth 2089'	20. Rotary or Cable Rotary	Tools
1.	Elevations (DF, FT, GR, Etc.) 5802'GL	22. Approx. Date \	Work will Start
3.	Proposed Casing and Cementing Program See Operations Plan attacked		
4.	Authorized by: (5-4- Date	06
ERMI	T NO. APPROVAL DAT	ΓE	
PPRC	OVED BY Marles Cep (TITLE AFM)	DATE	6/6/8

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.



070 FARMINGTON NO

· District I .20 Box 1980, Hopts, NM 98241-1980

Olistrict II FC Original CD, Antesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-Revised February 21, 1: Instructions on b

Submit to Appropriate District Off

OIL CONSERVATION DIVISION PO Box 2088

State Lease - 4 Cop Fee Lease - 3 Cop

Santa Fe, NM 87504-2088 4 67 10 02

RECEIVED

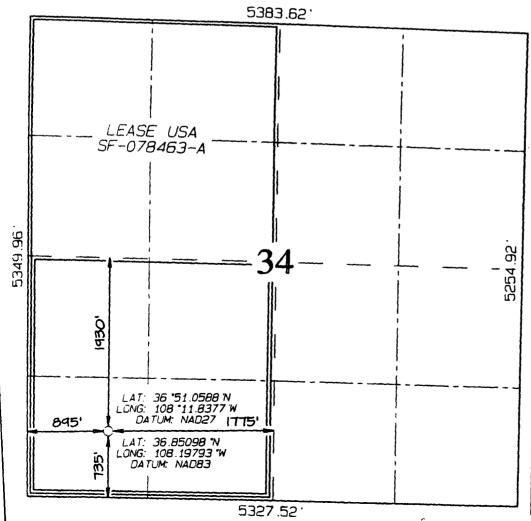
AMENDED REPOR

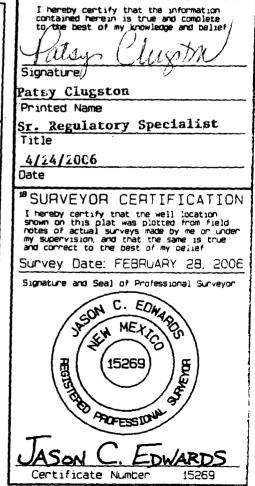
thevised

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 'Pool C			*Pool Cac	le		Pool Nam	ne			
30-045- 3373/ 71629/			Bas	Basin FC .						
	'Property Code				Property Name			Well Number		
7253			LEA FEDERAL			100				
'OGAID I	√ 0.				*Operato	r Name			*Elevation	
14538	14538 BURLINGTON			NGTON F	ESOURCES	OIL & GAS CO	MPANY, LP			5802.
	10 5					Location				-
UL or lat na.	Section	Township	Plange	Lat Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
М	34	31N	13W		735	SOUTH	895	WE	ST	SAN JUAN
		11 E	ottom	Hole L	ocation]	lf Different	From Surf	ace		
Ut or lot no.	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/We	st line	County
X										
Dedicated Acres					Dount or Infill	M Consolidation Code	¹⁵ Order No.			
1	320	WZ								

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



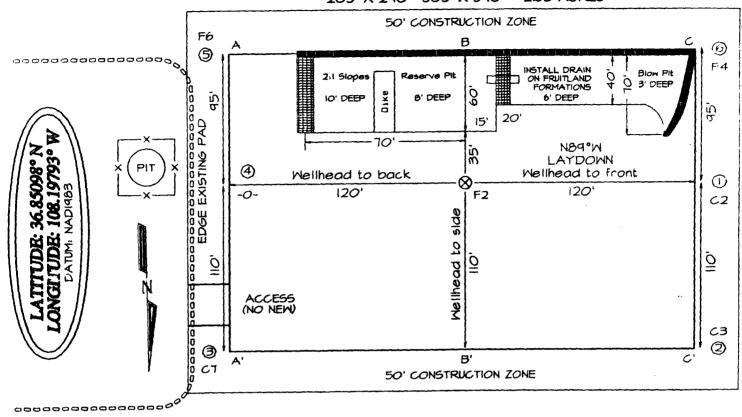


OPERATOR CERTIFICATION

Office	ate District	State of New 1	Mexico			Fo	orm C-103
District I		Energy, Minerals and Na	atural Resources				May 27, 2004
1625 N. French Dr., Hobbs, I District II	NM 88240			WELL API NO). 30-04.	= 23r	121
1301 W. Grand Ave., Artesia	, NM 88210	OIL CONSERVATION	ON DIVISION	5. Indicate Typ		3	'
District III		1220 South St. Fr	rancis Dr.	STATI		FEE	
1000 Rio Brazos Rd., Aztec,	NM 87410	Santa Fe, NM	87505	6. State Oil &	Gas Lease No.		
District IV 1220 S. St. Francis Dr., Santa	a Fe, NM 87505			ļ	NMSF-0784	163-A	į
SUNI	ORY NOTICES AN	D REPORTS ON WELLS	· · · · · · · · · · · · · · · · · · ·	7. Lease Name			
(DO NOT USE THIS FORM FOR DIFFERENT RESERVOIR. USE				1	Lea Feder	≠a1	
PROPOSALS.)	. All Lacrence Tok	Light (FORM C-101) FOR SC	,C11		Lea reuc		
1. Type of Well:	w			8. Well Number			
Oil Well Gas 2. Name of Operator	Well X Other	·		9. OGRID Num	100		
	GTON RESOURCE	S OIL & GAS COMPANY	LP	9. OGRID Null	14538		
3. Address of Operator				10. Pool name of			
4. Well Location	E. 301H STREET, F	ARMINGTON, NM 87402		L	Basin Fruitlar	nd Coal	
Unit Letter M		feet from the Sout					ne
Section 34		Township 31N on (Show whether DR, RKB	Rng 13W	NMPM	County	Sar	Juan
	11. Elevatio	on (snow whether DR, RRB) 5802					
Pit or Below-grade Tank Applic	ation or Ck	osure					
Pit type New Drill Dep	th to Groundwater	>100' Distance from neares	st fresh water well	>1000' Dista	nce from nearest :	surface water	>1000'
Pit Liner Thickness:	12 mil	Below-Grade Tank:	Volume	bbls; Cons	truction Material		
12	. Check Appro	priate Box to Indicate	e Nature of Not	ice, Report of	r Other Data	a	
NOT	ICE OF INTEN	TION TO:	1	SUBSEQUE	ENT REPO	RT OF:	
PERFORM REMEDIAL W		3 AND ABANDON	REMEDIAL			LTERING C	ASING
TEMPORARILY ABANDOI PULL OR ALTER CASING	 	NGE PLANS TIPLE COMPL	— 1	CE DRILLING OP EMENT JOB	NS. P	AND A	
TOLL ON ALTEN GAOING		, , , , , , , , , , , , , , , , , , ,		EMENT OOD			
OTHER:	New Drill		X OTHER:			 	
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BURLINGTON RESOURCES OIL & GAS COMPANY LEA FEDERAL #100 735' FSL & 895' FWL, SECTION 34, T31N, R13W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 5802' DATE: FEBRUARY 28, 2006

205' X 240' 305' X 340' = 2.38 ACRES



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.

A-A'						
5814'						77
5804'		10=1	//			
5794'			<i>ZZ</i>			
B-B'						
5814'	,					
5804'		(°=)	-,/			
5794'		<u> </u>			· · · · ·	
					, .	
C-C'	,			, , , ,		
5814'						
5804'			25	7		
5794'						

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

OPERATIONS PLAN

Well Name:

Lea Federal #100

Location:

Unit M (SWSW), 735' FSL & 895' FWL, Section 34, T31N, R13W

San Juan County, New Mexico

Latitude 36° 51.0588'N Longitude 108° 11.8377' W

Formation:

Basin Fruitland Coal

Elevation:

5802' GR

Formation:	Тор	Bottom	Contents
Ojo Alamo	surface		
Kirtland	226'	1537'	gas
T/Fruitland	1537'	1889'	gas
Pictured Cliffs	1889'		_
Total Depth	2089'		

Logging Program: None

Mud Program:

<u>Interval</u>	Type	<u>Weight</u>	Vis. Fluid Loss
0- 120'	Spud/Air/Air Mist	8.4-8.9	40-50 no control
120-2089'	Non-dispersed	8.4-9.5	30-60 no control

Casing Program:

Hole Size	Depth Interval	Csq.Size	Wt.	<u>Grade</u>
8 3 "	0 - 120'	7"	20.0#	J-55
6 ½ "	0 - 2089'	4 1/2"	10.5#	J/K-55

Tubing Program:

0 - 2089'	2 3/8"	4.7#	J-55

Float Equipment: 7" surface casing - guide shoe. Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe and float collar on bottom. Centralizers run every third joint above shoe to the base of the Ojo Alamo @ 226'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 226'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: $7" \times 4 \frac{1}{2}" \times 2 \frac{3}{8}" \times 11" 2000$ psi xmas tree assembly.

Cementing:

7" surface casing Pre-Set Drilled - Cement with Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.28 cu ft per sack yield. (Bring cement to surface). Wait on cement for 24 hours for pre-set holes before pressure testing or drilling out from under surface.

7" surface casing - Cement with 42 sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (54 cu ft of slurry @ 1.28 yield). 200% excess, bring cement to surface. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface.

WOC until cement establishes 250 psi compressive strength prior to NU of BOPE.

4 1/2" production casing - Cement with 92 sx (197 cu ft of slurry @ 2.13 yield) Premium Lite with 3% calcium chloride, 5 pps LCM-1, and 1/4#/sack celloflake, 0.4% FL-52, & 0.4% SMS. Tail with 90 sacks (124 cu ft of slurry @ 1.38 yield) Type III cmt with 1% calcium chloride, 1/4#/sack Celloflake and 0.2% FL-52. Total of 321 cf - 50% excess to circulate to surface.

BOP and tests:

Surface to TD - 11" 2000 psi (minimum double gate BOP stack (Reference Figure #1 and #2). Prior to drilling out surface casing, test rams to 600 psi/30 min.

Completion - 6" 2000 psi (minimum) double gate BOP stack (Reference Figure #2). Prior to completion operations, test rams and casing to 1500 psi/30 min.

From surface to TD - choke manifold (Reference Figure #3).

Pipe rams will be actuated at least once each day and blind rams actuated once each trip to test proper functioning. An upper kelly cock valve with handle and drill string safety valves to fit each drill string will be maintained and available on the rig floor.

Additional information:

- * The Fruitland Coal will be completed.
- * Anticipated pore pressure for the Fruitland Coal is 600 700 psi.
- This gas is dedicated.
- * The west half of section 34 is dedicated to the Fruitland Coal.
- New casing will be utilized.
- * Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

Drilling Engineer

Doto

ressure or greater excluding 600 pel stripping head e BOP. All BOP equipment is 2000 pel working se rams. A stripping head to be installe Physics #2

10-02-4

4-20-01