UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RCVD MAY4'07 OIL CONS. DIV. DIST. 3

	APP	LICATION FOR PERMIT TO DRILI	-, DEEL EIN, ON I EOG DAON
1a.	Type of Work DRILL	RECEIVED	5. Lease Number NMSF-077482 Unit Reporting Number
1b.	Type of Well GAS	070 FARMINGTON No	NM NM - 102950 6. If Indian, All. or Tribe
2.	Operator BURLINGTON RESCURCES	Oil & Gas Company	7. Unit Agreement Name
3.	Address & Phone N PO Box 4289, (505) 326-97	Farmington, NM 87499	8. Farm or Lease Name Jaquez Jose 9. Well Number #1S
4.	Location of Well 390' FSL, 1680		Parin Print Land Coa 11. Sec., Twn, Rge, Mer. (NMPM)
	Latitude 36 ⁰ 4	17.5013'N, Longitude 108 ⁰	02.7572'W O Sec. 24, T30N, R12W API# 30-045-33607
14.	Distance in Miles fr 3.5 miles inte	om Nearest Town ersection Hwy 516 & CR 350	12. County 13. State 0 San Juan NM
15.	_	osed Location to Nearest Property or	Lease Line
16.	390' Acres in Lease		17. Acres Assigned to Well 8/2 320 acres
18.	Distance from Prop	osed Location to Nearest Well, Drig,	Compl, or Applied for on this Lease
19.	Proposed Depth 2220'		20. Rotary or Cable Tools Rotary
21.	Elevations (DF, FT, 5753' GR	GR, Etc.)	22. Approx. Date Work will Start
23.		ons Plan attached NC	OTIFY AZTEC OCD 24 HRS. IOR TO CASING & CEMENT
24.	Authorized by:	egujatory Specialist	2 17 06 Date.
PERM	IT NO.	711 / APP	ROVAL DATE
	OVED BY	//low/leas () TITLE /	15/11 2/7/00

United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

This action is subject to technical and prosoured review pursuant to 43 OFR 3165.3 and appear oursuant to 43 OFR 3165.3 BRILLING UPPHARMON AND MODULE AND AND STREET TO COMPLIANCE WITH ATTACHED "GLYCAL FI LUIPENENENE". 5/9/07

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

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

320 acres - S/2

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

DISTRICT IV 2040 South Pacheco, Santa Fe, NM 87505 OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

☐ AMENDED REPORT

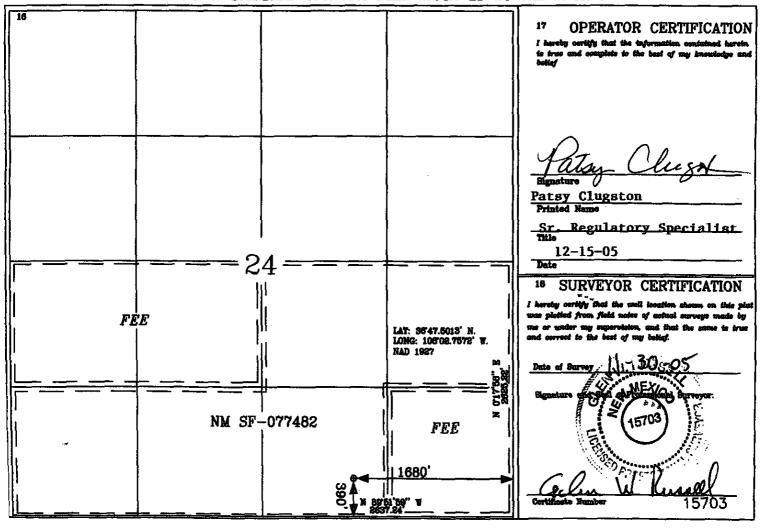
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045- 3 300	71629	Basin Fruitland Coal	
Property Code 3552	े	°Property Name AQUEZ JOSE	• Well Number 1S
14538	BURLINGTON RESOUR	*Operator Name RCES OIL AND GAS COMPANY LP	* Elevation 5753'

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
0	24	30-N	12-W		390'	SOUTH	1680'	EAST	SAN JUAN
			11 Bott	om Hole	Location I	f Different Fro	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	1]						DOUR	MOV/207
Dedicated Acre	8		¹⁵ Joint or	İnfill	" Consolidation (ode	15 Order No.	KOAB	MITHUL
]]]	OTI C	NNC DIII

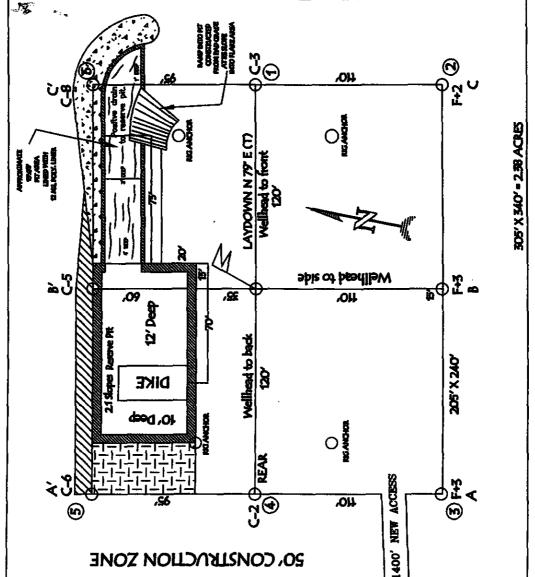
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Design D	District I				Form C-103
1623 N. French Dr., Hobbs, M. 88240 DIL CONSERVATION DIVISION 200 New Method 1220 South St. Francis Dr. Stanta F.		Energy, Minerals and N	latural Resources		May 27, 2004
1361 W. Grand Ave, Artein, NM 83210 OIL CONSERVATION DIVISION S. Indicate Type of Lease STATE FEE T. 1000 Rb Brazos Rd., Azeo, NM 87410 Santa Fe, NM 87505 Santa Fe, NM 87505 State Cill & Gas Lease No.	•			WELL API NO.	33602
Distinct III 12.20 South St. Francis Dr. STATE FEE		OH CONSEDIATE	ON DIVICION		5- 0000
DOOR DE PREZO R.M., AZRO, NAN STA10 SAINTA FC, NM 87505				1 1 1 1	EEE .
District IV SUNDEY NOTICES AND REPORTS ON WELLS T. Lease Name or Unit Agreement Name District IV District Name District IV District Name Distr	· · · · · · · · · · · · · · · · · · ·				FEE X
Supply NotCles And Report		Santa Fe, NM	1 87505	6. State Oil & Gas Lease No.	
SUNDRY NOTICES AND REPORTS ON WELLS OF SOME PROPERSONALS TO DREIL OF DEEPEN OR PLUG BACK TO A DEFERBANT RESISTATION. USE "APPLICATION FOR FREMIT" GORMA C-101) FOR SUCH FRENCHSCALS.) 1. Type of Well. Oli Well Gas Well Gas Well Other 2. Name of Operator Surfaces of Operator 3. Address of Operator Surfaces of Operator 3. Address of Operator Surfaces of Operator 3. Address of Operator Surfaces of Operator 4. Well Location Unit Letter O 390 feet from the South line and 1680 feet from the Basin Prutiland Coal 4. Well Location Unit Letter O 390 feet from the South line and 1680 feet from the Basin Prutiland Coal 5. Each Section S		M 87505		NMSF-077	7482
Different Residence Section Se			3	4	
PROPOSALS Section Se	1,				
1. Type of Well: Glas Well	1	ICATION FOR PERMIT" (FORM C-101) FOR S	SUCH	Jacquez J	ose
Some of Operator SURLINOTION RESOURCES OIL & GAS COMPANY LP 14538 10. Pool name or Wildows 1	,			O W-11 North on	
2. Name of Operator BURLINTON RESOURCES OIL & GAS COMPANY LP 1. Address of Operator 340 LE 30TH STREET, FARMINGTON, NM 87402 1. Basin Fruitland Coal 4. Well Location Unit Letter O 390 feet from the South line and 1680 foot from the East line Section 24 Township 30N Range 12W NMPM County San Juan, RM Business Line Behaviorate Trait, Application. (Show whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show Whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show Whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show Whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show Whether DR, REB. RT. GR, etc.) Bit of Behaviorate Trait, Application. (Show Whether DR, REB. RT. GR, etc.) Bit of Behaviorate Traiting and Show Grade Trait. (Volume Data NOTICE OF INTENTION TO: PERFORM REMEDIAL, WORK PLUS OF INTENTION TO: PERFORM REMEDIAL, WORK PLUS OF INTENTION TO: PERFORM REMEDIAL, WORK PLUS OF INTENTION TO: PULL OR ALTER CASING MULTIPLE COMPL. (Completions: Attach wellbore diagram of proposed completion or recompletion. OTHER: Workover, Lined: Burlington Resources proposes to construct a workover pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the workover pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. Burlington Resources anticipates closing the pit according to the Drilling / Workover Pit Closure Procedures dated November 11, 2004 on file at the NMOCD office. Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. Burlington's Revised Drilling / Workover Pit Const		▼ Other			
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A Well Location	3. Address of Operator	RESOURCES OIL & GAS COM AIV	1 101		
A. Well Location Litette		H STREET, FARMINGTON, NM 8740	2		nd Coal
Section 24 Township 30N Range 12W NMPM County San Juan, NM					
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK FEMPORARILY ABANDON PULL OR ALTER CASING PLUG AND ABANDON PULL OR ALTER CASING MULTIPLE COMPL OTHER: OTHER: OTHER: OTHER: OTHER: OTHER: DITER: OTHER: OTHER: DITER: OTHER: OTHER: OTHER: DITER: OTHER: OTHER: DITER: OTHER: OTHER: DITER: OTHER: OTHER: DITER: OTHER:	Pit type Workover Depth to G	roundwater <u>>100</u> Distance from near	est fresh water well	>1000' Distance from nearest	surface water > 1000'
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MOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNIPERGROUND UTILITIES OR PRORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED TO CONSTRUCTION.

- & GAS COMPANY LP **BURLINGTON RESOURCES OIL** SECTION 24,



LATITUDE: 36' 47.5013'N LONGITUDE: 108' 02.7572'W NADZI

RESERVE INT PIKE, TO HE 8" ABOVE DREP SIDE (OVERFLOW - 3" WIDE AND 1" ABOVE SHALLOW SIDE).

SECTION 24, T-30- N, R-12-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 5753', DATE: NOVEMBER 15, 2005 BURLINGTON RESOURCES OIL & GAS COMPANY L'P

	5	
	5	
		1

PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

OPERATIONS PLAN

Well Name: Jaquez Jose #18

Location: 390'FSL, 1680'FEL Section 24, T-30-N, R-12-W

Latitude 36° 47.5013'N, Longitude 108° 02.7572'W

San Juan, NM

Formation: Basin Fruitland Coal

Elevation: 5753'GR

Formation:	Тор	Bottom	Contents
Surface	San Jose	567'	
Ojo Alamo	567'	685'	aquifer
Kirtland	685'	1770'	•
Fruitland Coal B/Basal Coal	1770'	2012'	gas
B/Basal Coal	2012'	20201	gas
Pictured Cliffs	2020'		_
Total Depth	2220'		

Logging Program: None
Mudlog: None
Coring Program: None
Cased Hole: GR/CBL

Mud Program:

Section .

<u>Interval</u>	Type	Weight	<u>Vis.</u>	Fluid Loss
0- 120'	Spud Mud/Air/Air Mist		40-50	no control
0-2220'	Polymer Mud/Polymer Starch	8.4-9.0	40-50	no control

Casing Program (as listed, the equivalent, or better):

<u> Hole Size</u>	Depth Interval	Csg.Size	Wt.	Grade
8 3/4"	0' - 120'	7"	20#	J-55
6 1/4"	0' - 2220'	4 1/4"	10.5#	J-55

Tubing Program:

0' - 2220' 2 3/8" 4.7# J-55

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

4 %" production casing - guide shoe and float collar. Standard centralizers run every third joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 685'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" 2000 psi xmas tree assembly.

Cementing:

1

7" surface casing Pre-Set Drilled Cement with 22 sx Type I, II cement with 20% flyash mixed at
14.5 ppg, 1.61 cu ft per sack yield. (54 cu ft of slurry, bring cement to
surface) Wait on cement for 24 hours for pre-set holes before pressure testing
or drilling out from under surface.

Conventionally Drilled

Cement with 42 sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (54 cu ft of slurry, 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 %" production casing - lead w/102 sacks 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 Type III cmt with 1% calcium chloride, 1/4#/sack celloflake and 0.2% FL-52 (341 cu.ft., 50% excess to circulate to surface).

Note: If open hole logs are run, cement volumes will be based on 25% excess over caliper volumes.

BOP and tests:

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

From surface to production TD - a choke manifold will be installed in accordance with Onshore Order No. 2 (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 formation will be completed.
- * Anticipated pore pressure for the Fruitland is less than 500 psi.

This gas is dedicated.

* South half of Section 24 is dedicated to the Fruitland Coal.

Date: 2/17/06 Drilling Engineer:

CompletionMorkover Rig BOP Configuration 2,000 psi System

Burfington Recources

2000 psi System Criffing Rig

S PLLAD LINE

Dritting Rig Choke Menifold Configuration 2000 pal System

Point to Total Ough. 2,000psi working presente

Figure #3

4-20-01

Figure 61

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tipe rams. A stripping head to be installed on the top of pressure or greater exchading 500 pel stripping head. the BOP. At BOP equipment to 2000 pel worlting serettone. 7-1/16" bore, 2000 pel minimum wox зажите фолобів дако ВОР to be equitop Minimum BOP tratellation for all Com

120-02-1