UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

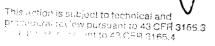
	APPLICATION	FOR PERMIT	ro drill, (DEEPEN	, OR PLUG	BACK	
1a.	Type of Work DRILL	2006 FEB	9 PM	3 06	Unit Re	Number F-078210 eporting Num	
1b.	Type of Well GAS		RECEIVED ARMINGT)		n, All. or Tr	
2.	Operator BURLINGTON RESOURCES Oil & Ga			-	7. Unit A	greement N	MAR 2006 ME IVEI
3.	Address & Phone No. of Opera PO Box 4289, Farming (505) 326-9700		.99		9. Well N	r Lease Nar an Juan umber 1 B	ne pagn a
4.	Location of Well 665' FSL, 900' FEL Lat. 36 ^O 50.1388'N, L	ong. 107° 49	1	20	B: 11. Sec., Sec., 1.	Twn, Rge, I	/Basin DK Mer. (NMPM) ON, R10W
14.	Distance in Miles from Nearest Aztec 19 Miles	Town			12. Count	•	13. State NM
15.	Distance from Proposed Locati	on to Nearest Pr	operty or Le	ase Line			
16.	Acres in Lease				17. Acres E/2 289	Assigned t	o Well
18.	Distance from Proposed Locati	on to Nearest W	ell, Drlg, Co	npl, or A	applied for o	n this Leas	9
19.	Proposed Depth 7811'				20. Rotar Rotary	y or Cable 1	roois .
21.	Elevations (DF, FT, GR, Etc.) GR: 6539, KB: 6551				22. Appro	ox. Date W	ork will Start
23.	Proposed Casing and Cementin See Operations Plan			1		0 -	
24.	Authorized by: Kegulator	/////////y/Compliance	Associat	e II]	Da	2-9-0 ate	06
	OVED BY	<u>~</u>	ST	AL DAT	E	DATE	3/9/06

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 grime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious of fraugulent statements or presentations as to any matter within its jurisdiction.







District I PO Box 1980, Hobbs, NM 88241-1980

1960, HUDDS, NA COE41-1980

District II PO Orawer OD, Artesia, NM 88211-0719

State of New Mexico Energy, Minerals & Natural Resources Department

Instructions on back Submit to Appropriate District Office State Lease – 4 Copies

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe. NM 87504-2088 State Lease - 4 Copies Fee Lease - 3 Copies

Revised February 21, 1994

Form C-102

AMENDED REPORT

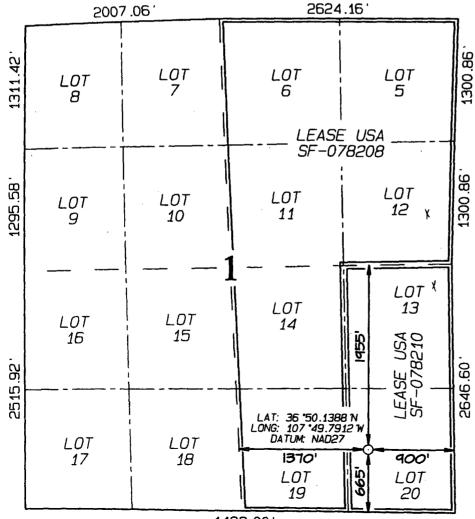
District IV PO Box 2088, Santa Fe, NM 87504-2088

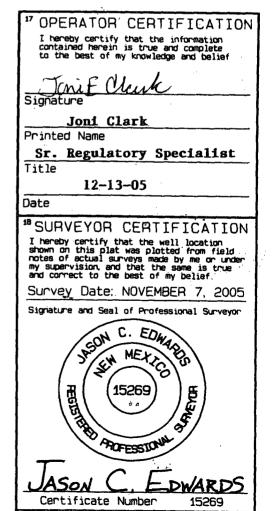
2006 FEB 9 PM 3 06
WELL LOCATION AND ACREAGE DEDICATION PLAT

		RECEIVED	
'API Numbe		Pool Name	
30-0 35- C	45-33586 72319/71599	070 FARMINGTON HM Blanco Mesaverde/Basin Dakota	
¹Property Code	⁸ Pr	roperty Name	"Well Number
7451	S	SAN JUAN	18
OGRID No.	°O _F	perator Name	*Elevation
14538	BURLINGTON RESOURCE	CES OIL & GAS COMPANY, LP	6539

¹⁰ Surface Location UL or lot no. Sect ion Township Feet from the Lat Idn North/South line Range Feet from the East/West line County Ρ MOE 1 10W 665 SOUTH 900 **EAST** 20 SAN JUAN 11 Bottom Hole Location If Different From Surface UL or lot no. Section North/South line East/West line County 12 Dedicated Acres Joint or Infill 14 Consolidation Code E/2 289.84 MV/DK

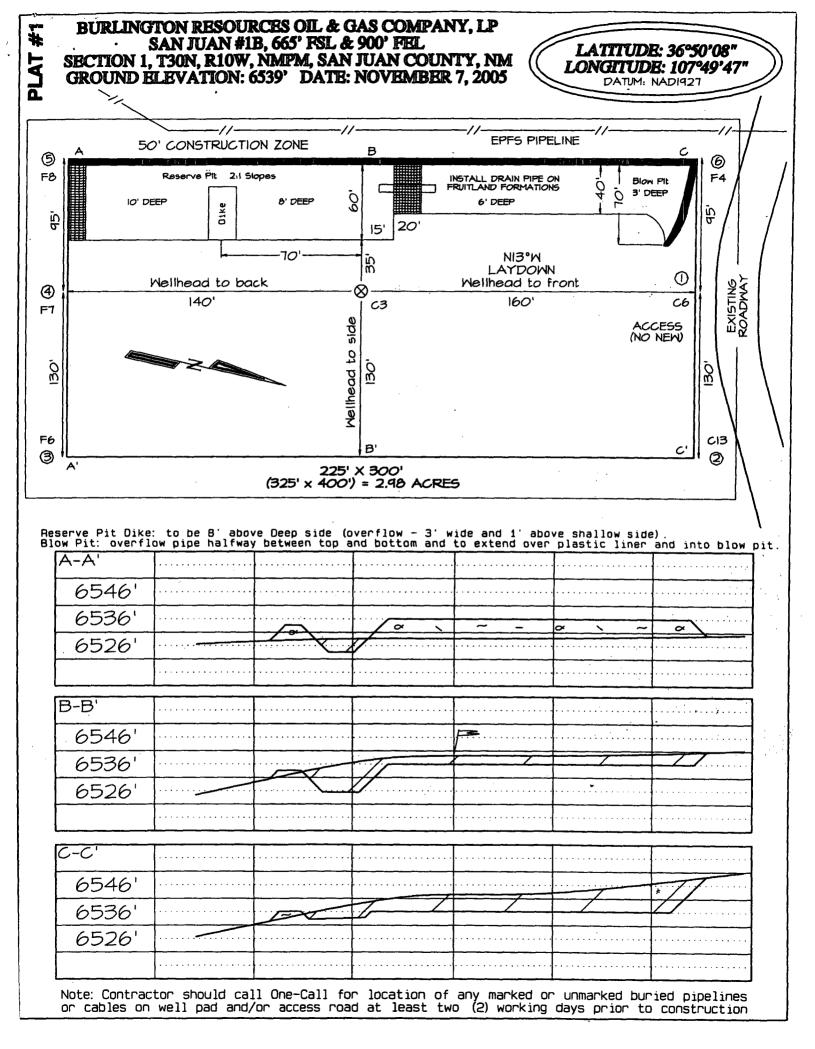
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION





4488.00

Submit 3 Copies To Appropriate District State of New Mexico	Form C-103
Office . <u>District I</u> Energy, Minerals and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240	WELL API NO. 30-045- 33580
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISION	5. Indicate Type of Lease
District III 1220 South St. Francis Dr.	STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87505	6. State Oil & Gas Lease No.
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	SF-078210
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	San Juan
PROPOSALS.)	San Juan
1. Type of Well: Oil Well Gas Well X Other	8. Well Number #IB
2. Name of Operator	9. OGRID Number
BURLINGTON RESOURCES OIL & GAS COMPANY LP	14538
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402	10. Pool name or Wildcat Blanco Mesaverde/ Basin Dakota
4. Well Location	
Unit Letter P : 665 feet from the South line and Section 1 Township 30N Range 10V	900 feet from the <u>East</u> line NMPM County Rio Arriba
Section 1 Township 30N Range 10V	/ NMPM County Rio Arriba
6539 GR	
Pit or Below-grade Tank Application or Closure	>200'
Pit type New Drill Depth to Groundwater <100 Distance from nearest fresh water well Pit Liner Thickness: 12 mil Below-Grade Tank: Volume	>1000' Distance from nearest surface water
The second secon	
12. Check Appropriate Box to Indicate Nature of No	•
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL	SUBSEQUENT REPORT OF: L WORK ALTERING CASING
	CE DRILLING OPNS. P AND A
PULL OR ALTER CASING MULTIPLE COMPL CASING/	CEMENT JOB
PULL OR ALTER CASING MULTIPLE COMPL CASING/O OTHER: New Drill X OTHER:	
OTHER: New Drill X OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and	give pertinent dates, including estimated date
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OPERATIONS PLAN

Well Name:

SAN JUAN 1B

Location:

665' FSL & 900' FEL, Section Sec 01 T30N R10W

San Juan County, New Mexico

Formation:

Blanco Mesaverde/Basin Dakota

Elevation:

6539' GL

Formation Tops:	Top	Bottom	<u>Contents</u>
Surface	San Jose	1981'	
Ojo Alamo	1981'	2051'	aquifer
Kirtland	2051'	2926 '	gas
Fruitland	2926'	3251'	gas
Pictured Cliffs	3251'	3424 '	gas
Lewis	3424'	3851'	
Huerfanito Bentonite	3851'		
Chacra	4303'	4976'	gas
Massive Cliff House	4976'	5068'	gas
Menefee	5068'	5501'	gas
Massive Point Lookout	5501'	5861'	gas
Mancos Shale	5861'	6773 '	
Upper Gallup	6773'	7509'	gas
Greenhorn	7509'	7558'	gas
Graneros	7558'	7609'	gas
Two Wells	7609'	7705 '	gas
Paguate	7705'	7745 '	gas
Cubero	7745'	7811'	gas
Encinal	7811'	7811'	gas
Total Depth:	7811'		gas

Logging Program:

Mud Logs/Coring/DST

Mud logs - none

Coring - none

DST - none

Open hole - none

Cased hole - GR/CBL

Mud Program:

<u>Interval</u>	Type	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0 - 120'	Spud MUD/Air/Air Mist	8.4 - 9.0	40 - 50	no control
120- 3524'	LSND	8.4 - 9.0	30 - 60	no control
3524 - 7811'	Air/Air Mist/Nitrogen	n/a	n/a	n/a

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

Hole Size	Depth Interval	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3524'	7"	20/23#	J-55
6 1/4"	0' - 7811'	4 1/2"	10.5#	J-55

Tubing Program:

Depth Interval	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
0' - 7811'	2 3/8"	4.7#	J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1). After nipple-up prior to drilling out intermediate casing, ranks and casing will be tested to 1500 psi for 30 minutes.

Surface to Total Depth -

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

7 1/16" 2000 psi double gate BOP stack (Reference Figure #2). After nipple-up prior to completion, pipe rams, casing and liner top will be tested to 2000 psi for 15 minutes.

Wellhead -

9 5/8" x 7" x 4 ½" x 2 3/8" x 2000 psi tree assembly.

General -

- Pipe rams will be actuated once each day and blind rams will be actuated once each trip to test proper functioning.
- An upper kelly cock valve with handle available and drill string valves to fit each drill string will be available on the rig floors at all times.
- BOP pit level drill will be conducted weekly for each drill crew.
- All BOP tests & drills will be recorded in daily drilling reports.
- Blind and pipe rams will be equipped with extension hand wheels.

Cementing:

9 5/8" surface casing -

Pre-Set Drilled - Cement with 23 sx Type I, II cement with 20% flyash mixed at 14.5 ppg, 1.61 cu ft per sack yield. (38 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 88 sx Type III cement with 0.25 pps Celloflake, 2% CaCl. (113 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. Wait on cement appropriate time until cement achieves 250 psi compressive strength at 60 degrees F. prior to nipple up of BOPE. Wait on cement for 8 hrs for conventionally set holes before pressure testing or drilling out from under surface. Test casing to 600 psi for 30 minutes.

Saw tooth guide shoe on bottom. Bowspring centralizers will be run in accordance with Onshore Order #2.

7" intermediate casing -

Lead with 312 sacks Premium Lite cement with 3% calcium chloride, 0.25 pps Celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate. Tail w/90 sacks Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss (124 cu ft 50% excess to circulate to surface). WOC minimum of 8 hours before drilling out intermediate casing. If cement does not circulate to surface, a CBL or a temperature survey will be run to determine TOC. Test casing to 1500 psi for 30 minutes.

7" intermediate casing alternative two stage -

Stage collar set 300' above the top of the Fruitland. First stage: Lead w/37 sacks Premium Lite cement with 3% calcium chloride, .25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss. Tail w/90 sxs Type III cmt w/1% calcium chloride, 0.25 pps Celloflake, 0.2% fluid loss. Second stage: 275 sacks Premium Lite cement with 3% calcium chloride, .25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (586 cu ft - 50% excess to circulate to surface).

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. Bowspring centralizers spaced every other joint off bottom, to the base of the Ojo Alamo @ 2051'. Two turbolating centralizers at the base of the Ojo Alamo @ 2051'. Bowspring centralizers spaced every fourth joint from the base of the Ojo Alamo to the base of the surface casing.

4 1/2" Production Casing -

Pump 289 sxs Premium Lite HS FM w/0.25 pps celloflake, 0.3% CD-32, 6.25 pps LCM-1, 1% fluid loss, 6% gel, 7 pps CSE (583 cu.ft., 30% excess to achieve 100' overlap in $4-1/2" \times 7"$ annulus). WOC a minimum of 18 hrs prior to completing.

Cementing: Continued

Cement float collar stacked on top of float shoe.

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

Cement nose guide shoe on bottom with float collar spaced on top of shoe joint. The liner hanger will have a rubber packoff.

• If hole conditions permit, an adequate water spacer will be pumped ahead of each cement job to prevent cement/ mud contamination or cement hydration.

Special Drilling Operations (Air/Mist Drilling):

The following equipment will be operational while air/mist drilling:

- An anchored blooie line will be utilized to discharge all cuttings and circulating medium to the blow pit a minimum of 100' from the wellhead.
- The blooie line will be equipped with an automatic igniter or pilot light.
- Compressors will be located a minimum of 100' from the wellhead in the opposite direction from the blooie line.
- Engines will have spark arresters or water cooled exhaust.
- The rotating head will be properly lubricated and maintained.
- A float valve will be utilized above the bit.
- Mud circulating equipment, water, and mud materials will be sufficient to maintain control of the well.

Additional Information:

- The Mesa Verde and Dakota formations will be completed and commingled.
- No abnormal temperatures or hazards are anticipated.
- Anticipated pore pressures are as follows:

Fruitland Coal 300 psi
Pictured Cliffs 600 psi
Mesa Verde 700 psi
Dakota 2000 psi

- Sufficient LCM will be added to the mud system to maintain well control, if lost circulation is encountered below the top of the Pictured Cliffs.
- The East half of Section 1 is dedicated to the Mesa Verde formation and Dakota formation.
- This gas is dedicated.

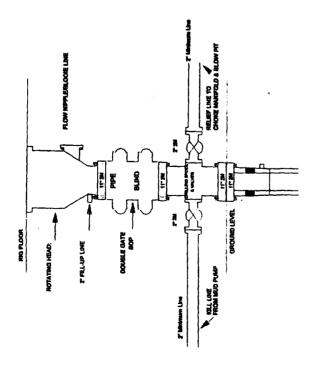


CompletionWorkover Rig BOP Configuration 2,000 psi System

BURLINGTON RESOURCES

Burlington Resources

Drilling Rig 2000 psi System



BOP Installation from Surface Cesting Point to Total Depth. 11° Bore 10° Norminal, 2000 pal working pressure duable gate BOP to be equipped with blind rans and pipe rans. A 500 pal rocating head on top a

Figure #1

Choke Manifold Configuration
2000 pai System
2000 pai System

Acusernate on coeme — Train Train

France Online Strong

France Online

Choke manifold installation from Surface Cesting Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

And provided the provided to t

TO PIT

Minimum BOP Installation for all Completion/Workover Operations, 7-1/16" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

4-20-01