UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 5. Lease Number 1a. Type of Work NM-04240 DRILL Unit Reporting Number VED 070 FARMINGTON NM 1b. Type of Well 6. If Indian, All. or Tribe GAS 2. 7. Unit Agreement Name Operator **BURLINGTON** RESOURCES Oil & Gas Company Address & Phone No. of Operator 8. Farm or Lease Name PO Box 4289, Farmington, NM 87499 KELLY 9. Well Number (505) 326-9700 100s **Location of Well** 10. Field, Pool, Wildcat Unit P (SESE) 1080' FSL & 875' FEL Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Latitude 360 45.8606'N Sec. 35, T30N, R10W Longitude 107° 50.8498'W API # 30-045- 33498 14. Distance in Miles from Nearest Town 12. County 13. State San Juan NM 15. Distance from Proposed Location to Nearest Property or Lease Line 875' 16. Acres in Lease 17. Acres Assigned to Well FC - 317.320 acreas E/2 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 51' Kelly 2B 19. **Proposed Depth** 20. Rotary or Cable Tools 28361 Rotary 21. Elevations (DF, FT, GR, Etc.) 22. Approx. Date Work will Start 6109' GL 23. **Proposed Casing and Cementing Program** See Operations Plan attached 3/06 24. Authorized by:

PERMIT NO.

APPROVAL DATE

Date

APPROVED BY

12/1

DATE / /9

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.

Not an HPA FC Well

Regulatory Specialist

DISTRICT I	. Hobbs, N.M. 88240
DISTRICT II	
DISTRICT II 811 South First, in	rtesia, N.M. 88210

DISTRICT III 1000 Rio Br

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised August 15, 2000

OIL CONSERVATION DIVISION 2040 South Pachecos JAN Santa Fe, NM 87505

AM 11 21

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

DISTRICT IV

Rd., Aztec, N.M. 87410

AMENDED REPORT

15703

DISTRICT IV 2040 South Pach	eco, Santa	Fe, NM 8750	5			,	RECE	EIVED] AMEI	NDED REPOR
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**************************************					_	ator Name				0	Elevation
14330			BURL	INGTON RI	SOURCES	OIL AND GAS CO	MPANY	LP 		(3109'
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LOT 15

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LOT 13

N 89'-45'-28' 2618.82'

LOT 16

Submit 3 Copies To Appropriate District Office	State of New Mexico		Form C-103
District I	Energy, Minerals and Natural Resources		May 27, 2004
1625 N. French Dr., Hobbs, NM 88240	G. 7	WELL API NO.	s. 3349B
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease	5- 33-110
District III	1220 South St. Francis Dr.	STATE STATE	FEE \square
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 Fe, NM 87505	S AND REPORTS ON WELLS	Federal Lease - N 7. Lease Name or Unit Agreem	
	O DRILL OR TO DEEPEN OR PLUG BACK TO A	7. Lease Name of Onit Agreem	ient Name
DIFFERENT RESERVOIR. USE "APPLICATION	FOR PERMIT" (FORM C-101) FOR SUCH	Kelly	
PROPOSALS.)		8. Well Number	
1. Type of Well: Oil Well Gas Well X	Other	8. Well Number	
2. Name of Operator		9. OGRID Number	
	RCES OIL & GAS COMPANY LP	14538	
3. Address of Operator	ET, FARMINGTON, NM 87402	10. Pool name or Wildcat Basin Fruitlan	d Coal
4. Well Location	ET, TARAMINOTON, INIT 07-102	Dasin Tuttan	d Coar
	80 feet from the South line and		East line
Section 35	Township 30N Rng 10W levation (Show whether DR, RKB, RT, GR, etc.)	NMPM County	San Juan
	6109' GL		
Pit or Below-grade Tank Application	or Closure		>20061000
Pit type New Drill Depth to Groundwar	ter >100' Distance from nearest fresh water well	>1000' Distance from nearest s	surface water ≈1980
Pit Liner Thickness: n/a	mil Below-Grade Tank: Volume	bbls; Construction Material	
12. Check A	ppropriate Box to Indicate Nature of No	tice, Report or Other Data	ı
NOTICE OF INT	TENTION TO:	SUBSEQUENT REPOR	RT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIA	- · · · · · · · · · · · · · · · · · · ·	LTERING CASING
TEMPORARILY ABANDON	— — — — — — — — — — — — — — — — — — —	· · · · · · · · · · · · · · · · ·	AND A
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CONTRACTOR SHOVID CALL ONE—CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED

WOTE. VECTOR SURVEYS IS NOT LIABLE FOR VIDERGROUND VITILITIES OR PROPRIED.

305' X 340' = 2.38 ACRES FW FINANCE Wellhead to side þ 110 ,09 EDGE OF ENSTING PAD EDGE OF EXISTING PAD ある。 205' X 240' GLY ANG HOS DIKE Z HO **9 F 2 A**′ $\vec{\varphi}^{\bigodot}$ 110 **(M) 20, CONSLIKNCHON SONE**

. & GAS COMPANY LP

FSL & 875' FEL

KELLY 1005, 1080'

BURLINGTON RESOUR

R-10-W

T-30- N,

SECTION 35,

ATION: 6109

ELEV

TEMBER 25, 2005

LATITUDE: 36' 45.8606' N LONGITUDE: 107' 50.8498' W NAD27

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP KELLY 1005, 1080' FSL & 875' FEL SECTION 35, T-30- N, R-10-W, NMPM, SAN JUAN COUNTY, NM GROUND ELEVATION: 6109', DATE: NOVEMBER 25, 2005

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PIPLINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHOVLD 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:

Kelly 1005

Location:

Unit P (SESE), 1080' FSL & 875' FEL, Sec. 35, T30N, R10W

San Juan County, New Mexico

Latitude 36° 45.8606'N Longitude 107° 50.8496' W

Formation:

Basin Fruitland Coal

Elevation:

6109' GR

Formation:	Тор	Bottom	Contents
Ojo Alamo	1447'	1540'	aquifer
Kirtland	1540'	2386'	gas
T/Fruitland	2386'		gas
B/Fruitland Coal	2625'		gas
Pictured Cliffs	2636'		· ·
Total Depth	2836'		

Logging Program: None

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	Vis. Fluid Loss
0- 200'	Spud/Air/Air Mist	8.4-8.9	40-50 no control
200-2836'	Non-dispersed	8.4-9.5	30-60 no control

Casing Program:

Hole Size	Depth Interval	<u>Csg.Size</u>	<u>W†.</u>	<u>Grade</u>
8 3 "	0 - 200'	7"	20.0#	J-55
6 1 "	0 - 2836'	4 1/2"	10.5#	J/K-55

Tubing Program:

0 - 2836' 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 @ 1540'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1540'. 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, 1.61 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 <u>10</u> sx Type III cement with 0.25 pps Celloflake, 3% CaCl. (<u>90</u> cu ft of slurry @ 1,61 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 134 sx (293 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 $\frac{417}{1100}$ 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 roms 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).

1.24

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 Coal is 600 700 psi.
- * This gas is dedicated.
- * The east half of the section is dedicated to this well.
- * New casing will be utilized.
- * Pipe movement (either rotation or reciprocation) will be done if hole conditions permit.

Drilling Engineer

Date

BURLINGTON RESOURCES

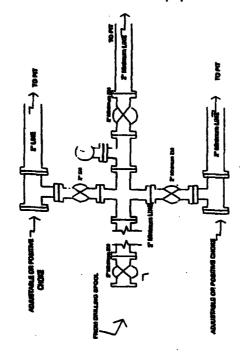
BURLINGTON RESOURCES

Compistion/Workover Rig BOP Configuration 2,000 psi System

Drilling Rig Choke Menifold Configur 2000 pel System

Burlington Resources

2000 psi System Drilling Rig



TIVE SURVEY

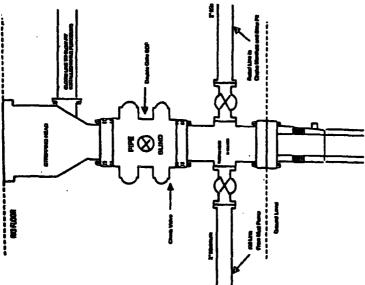
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Point to Total Depth. 2,000pel worlding presenter pulpment with two chokes.

Figure #3

4-20-01

Flywro #1



sure double gate BOP to be equipped with blind and pe rams. A stripping head to be installed on the top of pressure or greater excluding 600 pet attipping head. Minimum BOP installation for all Completion/Works Operations, 7-1/16" bore, 2000 pel minimum world the BOP. All BOP equipment is 2000 pai working

4-20-01