UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	Type of Work		5. Lease Number	2006 FEB 20
	Deepening	2072072072072	NM-043	75
		1830 CLOCA 2030	Unit Reporting	Number RECE
	Toma of Mall		S & Kindion All a	070 FARM
	Type of Well GAS	APR 2006	6. If Indian, All. o	or Inde
	GAB	A REL SO	[4	
	Operator	OLCON. DIV.	7. Unit Agreemer	nt Name
	BURLINGTON	DIST. 3		
	RESOURCES Oil & Gas Co	ompany	90 ×	
	Address & Phone No. of Operator	20 11 1C 17 15 00 00	8. Farm or Lease	Nama
	Address & Phone No. of Operator PO Box 4289, Farmington	n NM 87499	Reid A	Name
	10 Dok 1209, Turmingcon	, 111 0 , 133	9. Well Number	
	(505) 326-9700		#2F	
	Location of Well		10. Field, Pool, V	
	660' FSL, 660' FWL		Basin Dakot	
	Latitude 36° 50.1938'N,	Longitude 1080 09 7	11. Sec., Twn, Re	
	Lacreage 30 30.1930 N,	longicade 100 05.7	API # 30-045-	
				77613
	Distance in Miles from Nearest Tov	wn	12. County	13. State
			San Juan	NM
	Distance from Proposed Location t	o Nearest Property or Lease	e Line	
	890'			
	Acres in Lease		17. Acres Assign	
		•	W/2 319	9.1 acres
	Distance from Proposed Location t	o Nearest Well, Drlg, Comp	ol, or Applied for on this I	-ease
	Proposed Depth		20. Rotary or Ca	hie Tools
	5950'		Rotary	510 10013
	Elevations (DF, FT, GR, Etc.)		22. Approx. Dat	e Work will Start
	5888' GR			
	Proposed Casing and Cementing P			
	See Operations Plan at			
			,	
	and the second	(Obser	7/	27/01-
	Authorized by:		9/3	9/100
	Regulatory S	pecialist	1	Date
_				
٨I٦	TNO.	APPROVA	AL DATE	
PRO	VED BY DIMONIO	27 TITLE AF	The na	TE 4/26/
	Sept 1910	~ _ <u> </u>	<u>-/</u>	1/20/
	•			····
	ological Report attached ened and Endangered Species Repor	1		

This action is subject to technical and parests of the control of

nmocd &

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

District II

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994 Instructions on back

PO Drawer DD, Artesia, NM 88211-0719 OIL CONSERVATION DIVISION District III 1000 Rio Brazos Rd., Aztec, NM 87410

Pool Code

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

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

'API Number

PO Box 2088 Santa Fe, NM 87504-2088

2006 FEB 28 60 8 20AMENDED REPORT

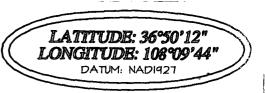
Pool Name

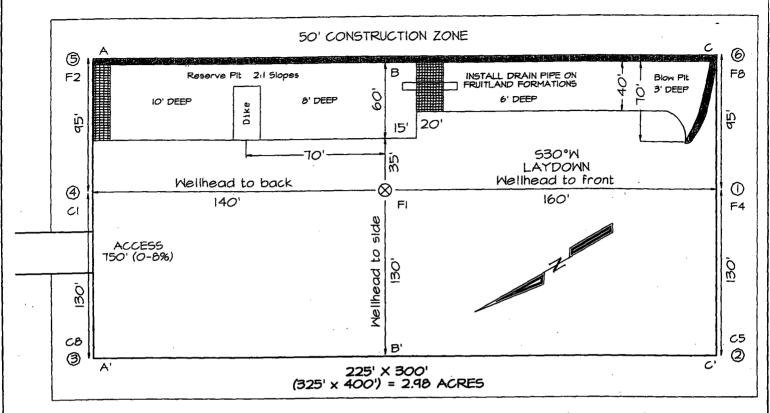
RECEIVED WELL LOCATION AND ACREAGE DEDICATION REAT NO.

		API Numbe 045 (
*Property Code 7417				F	REIC						11 Number 2F		
OGRID No. 14538 BURLINGTON RE						Name DIL & GAS C	OMPA	NY, LP		ľ	levation 5888		
						¹⁰ Surfa	се	Location					
	Not no.	Section 1	30N	Range 13W	Lot Idn	Feet from 660	the	North/South line SOUTH	Fe	et from the	East/We	est line ST	SAN JUAN
	1-1	G1	11 BC	ottom	Hole L	ocation				om Surf			<u> </u>
UL ar	lot no.	Section	TOWNSTIP	Range	Lat Idn	Feet from	the	North/South line	Fe	at from the	East/We	st line	County
¹² Dedica	ated Acres					¹³ Joint or In	fill	¹⁴ Consolidation Code	#5 Orde	r No.			<u></u>
L.,		319.1 a						<u> </u>	<u> </u>				
NO	ALLOW	ABLE W	ILL BE AS OR A	SSIGNE(NON-ST	O TO THI ANDARD	IS COMPL UNIT HAS	ETIO	ON UNTIL ALL EN APPROVED	INTI BY	ERESTS H	AVE BE	EN CON	SOL IDATED
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2610.30		LAT: 36 .ONG: 10E DATUM	*50.1938 'N 8 '09.7363 'W 1: NAD27		319.60				 2626.80	1 /		ESSIONAL	

Office	State of New Mexico	Form C-103
District I 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resource	
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	N 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.
District IV	·	NM-04375
1220 S. St. Francis Dr., Santa Fe, NM 87. SUNDRY NOTE	505 CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSAL	S TO DRILL OR TO DEEPEN OR PLUG BACK TO A	
DIFFERENT RESERVOIR. USE "APPLICAT." PROPOSALS.)	ION FOR PERMIT" (FORM C-101) FOR SUCH	Reid A
1. Type of Well:		8. Well Number
Oil Well Gas Well X	Other	#2F
2. Name of Operator	OURCES OIL & GAS COMPANY LP	9. OGRID Number 14538
3. Address of Operator	OURCES OIL & GAS COMPART EI	10. Pool name or Wildcat
4. Well Location	REET, FARMINGTON, NM 87402	Basin Dakota
Unit Letter M :	660 feet from the South line and	660 feet from the West line
Section 1	Township 30N Range 13	3W NMPM County San Juan
	. Elevation (Show whether DR, RKB, RT, GR, etc.) 5888'	
Pit or Below-grade Tank Application	X or Closure	>200
Pit type New Drill Depth to Ground	lwater>100' Distance from nearest fresh water well	>1000' Distance from nearest surface water (1000'
Pit Liner Thickness: na	mil Below-Grade Tank: Volume	bbls; Construction Material
12. Check	Appropriate Box to Indicate Nature of N	lotice, Report or Other Data
	NTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK	d	DIAL WORK ALTERING CASING
TEMPORARILY ABANDON PULL OR ALTER CASING	d Samuel I	ENCE DRILLING OPNS. P AND A G/CEMENT JOB
	J MOETIFEE COMPE	SICEIVIENT JOB
OTHER: New	Drill Pit X OTHER	
	eted operations. (Clearly state all pertinent details, an	d give pertinent dates, including estimated date
		d give pertinent dates, including estimated date
of starting any proposed world	eted operations. (Clearly state all pertinent details, an	d give pertinent dates, including estimated date
of starting any proposed world	eted operations. (Clearly state all pertinent details, an	d give pertinent dates, including estimated date
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of starting any proposed worl or recompletion.	eted operations. (Clearly state all pertinent details, and k). SEE RULE 1103. For Multiple Completions: A	d give pertinent dates, including estimated date trach wellbore diagram of proposed completion
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BURLINGTON RESOURCES OIL & GAS COMPANY, LP REID A #2F, 660' FSL & 660' FWL, SECTION 1 T30N, R13W, NMPM, SAN JUAN COUNTY, NEW MEXICO GROUND BLEVATION: 5888' DATE: NOVEMBER 23, 2005





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'	 				
5899'	 				
5889'		1/	7		
5879'	 	<u> </u>			
					
₿-₿'	 				
5899'	 		F=		
5889'	 / a = \				
58.79'	 	2/		73 ⁷	
					·
C-C'	 				
5899'	 				
5889'	 /a ~~~	~- ~	« - =		77
5879'	 				

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: REID A 2F

Location: 660' FSL & 660' FWL, Section Sec 01 T30N R13W

San Juan County, New Mexico

Formation: Basin Dakota Elevation: 5888' GL

Formation Tops:	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	355'	
Ojo Alamo	355'	415'	aquifer
Kirtland	415'	1580'	gas
Fruitland	1580'	2000'	gas
Pictured Cliffs	2000'	2210'	gas
Lewis	2210'	2767'	
Huerfanito Bentonite	2767'		
Chacra	3080'	3590'	gas
Massive Cliff House	3590'	3715'	gas
Menefee	3715'	4392'	gas
Massive Point Lookout	4392'	4710'	gas
Mancos Shale	4710'	5672'	
Upper Gallup	5672'	6435'	gas
Greenhorn	6435'	6492'	gas
Graneros	6492'	6547'	gas
Two Wells	6547'	6609'	gas
Paguate	6609'	6669 '	gas
Cubero	6669'	6684 '	gas
Encinal	6684'	6684 '	gas
Total Depth:	6684'		gas

Logging Program:

Mud Logs/Coring/DST

Mud logs - none

Coring - none

DST - none

Open hole - none

Cased hole - Gamma Ray, CBL - surface to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	Vis.	Fluid Loss
0 - 120'	Spud MUD/Air/Air Mist	8.4 - 9.0	40 - 50	no control
120- 3865'	LSND	8.4 - 9.0	30 - 60	no control
3865 - 6684'	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' - 3865'	7"	20/23#	J-55
6 1/4"	0' - 6684'	4 1/2"	10.5#	J-55

Tubing Program:

Depth Interval	<u>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
0' ~ 6684'	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, rans 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 $\frac{1}{2}$ " 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 348 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/210 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: 132 sacks Premium Lite cement with 3% calcium chloride, .25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% sodium metasilicate (282 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 @ 415. Two turbolating centralizers at the base of the Ojo Alamo @ 415'. 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 182 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 (360 cu.ft., 30% excess to achieve 100' overlap in 4-1/2" x 7" annulus). WOC a minimum of 18 hrs prior to completing.

Operations Plan - Page Four

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 West half of Section 1 is dedicated to the Dakota formation
- This gas is dedicated.



Completion/Workover Rig BOP Configuration 2,000 pai System

Drilling Rig Choke Manifold Configuration 2000 pai System

Burlington Resources

ROTATING HEAD:

2000 psi System Drilling Rig

Pipe

equipment with two chokes. Point to Total Depth. 2,000pel working pressure Choke menitold installation from Surface Casing

Figure #3

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the BOP. All BOP equipment to 2000 pel working Operations. 7-1/16" bors, 2000 pel minimum working Minimum SOP installation for all Completion/Workover tpe rams. A stripping head to be installed on the top of return double gate BOP to be equipped with blind and

seure or greater excluding 600 pel stripping head.

Figure #1

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