Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
March 4, 2004

WELL API NO. 30-039-30493

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. E-290-39

SUNDRY NOTICES AND REPORTS ON WELLS
(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 PROPOSALS.)

7. Lease Name or Unit Agreement Name: Johnson A

1. Type of Well: Oil Well ☐ Gas Well X☐ Other

RECEIVED
APR 02 2008
Bureau of Land Management
Farmington Field Office

8. Well Number: 13P

Burlington Resources

9. OGRID Number: 14538

10. Pool name or Wildcat: Blanco MV/Basin DK

4. Well Location

Unit Letter I : 1860 feet from the South line and 660 feet from the East line

Section 36 Township 27N Range 6W NMPM Rio Arriba County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6553'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	RCVD APR 9 '08
OTHER ☐		OTHER:	OIL CONS. DIV. DIST. 3 ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources wishes to **Change from a Master Drilling Plan Type 4 to a Master Drilling Plan 3 on the Johnston A 13P**

Attached is a new drilling proposal.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Jamie Goodwin TITLE Regulatory Technician DATE 04/01/08

Type or print name Jamie Goodwin E-mail address: goodwjl@conocophillipsc.com Telephone No. 505-3269784

(This space for State use)

APPPROVED BY A. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE APR 09 2008

Conditions of approval, if any:

BURLINGTON RESOURCES

San Juan Division - Drilling Program

Johnston A 13P

		API #	LEASE #
T - 27 N	Objective: DK/MV New Drill	30-039-30493	E-290-39
R - 6 W	Footages: 1860' FSL, 660' FEL		
Sec 36		APD/BLM:	BLM Phone #
		3/4/2008	505-599-8907

Rig: AWS #673
GL: 6553' Network # 10214244 Like-Kind (248) Cost
KB: 6568' AFE # WAN.CDR.7407 84.61 $/FT $648,028

In case of Major Emergency Call 911

Give the following information to Operator: County: Rio Arriba

Well Name: Johnston A 13P State: NM

Latitude: NAD27 36 degrees, 31.7259 minutes Latitude: NAD83 36.52877 degrees

Longitude: NAD27 107 degrees, 24 6971 minutes Longitude: NAD83 107.41222 degrees

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 36.8 mi. to General American road just beyond Gobernador School, go right (South) on General American road for 1.1 mi. to fork in road, turn right (S-W) on General American road 3.4 mi. to "4-Corners" intersection, go straight (South) on General American road 1.1 mi. to fork in road, go straight (South) for 4.1 mi. to fork in road, turn right (S-W) for 0.6 mi. to fork in road, go left (South) 1.1 mi. to fork in road, go left which is straight (South) 0.5 mi. to fork in road, turn right (S-W) for 0.9 mi. to fork in road, go left (Sout) for 0.4 mi. fork in road, turn right (West) 1.1 mi. to fork in road, go left (West) 1.1 mi. to "T" intersection, go left (S-W) 0.1 mi. to new access on left-hand side of existing roadway which continues for 400' to staked location.

Environmental, Health & Safety

"Opportunities are usually disguised as hard work, so most people don't recognize them." *Ann Landers* "Nothing is particularly hard if you divide it into small jobs." *Henry Ford*

	TRIR*	LWC	RWC	MTC	FAC
Goal	0	0	0	0	0
Actual (3/14/08)	3 16	0	3	2	43

* TRIR - Total Recordable Incident Rate per 200,000 man-hours.

Environmental Goals:

- Zero Spills on Location

- Remove Trash from Roads and Locations

TMD	Geology	Hydraulics	Drlg Fluids
0'	San Jose	12 1/4" Retip	Clean Faze
219'	SCP	Hughes 8 3/4" 505ZX 6-12's 10-20K WOB 60-70 RPM 6-3/4" motor w/ 7/8 lobe, 28 rev/gal, and shock sub	Drill out from under surface w/ Clean Faze (Vis 33-35, WT 8.5-9.0 ppg, WL of 6-8 cc/30 min). Sweep hole with gel/fiber as needed. Mud up to 40-45 vis 200' before TD. If losses are incurred, mix gel to 45 vis 2/ 35% LCM in closed system.
2561'	Ojo Alamo		
2695'	Kirtland		
2553'	Stage Tool		
2853'	Fruitland		
3201'	Pictured Cliffs		
3340'	Lewis	Keep Surface ROP less than motor ROP	
3440'	ICP		
3681'	Huerfanito Bentonite		
4145'	Chacra	New Diamond Air Bit Marquis CV462 on Halco Hammer	Pump 1300-1600 psi 400-450 GPM Use 2 Pumps: 80 SPM each
4891'	Massive Cliff House		
4996'	Menefee	2-4 K WOB 30-40 RPM	Air/Nitrogen
5418'	Point Lookout		
5610'	Mancos Shale	Slow ROP before drilling into the top of Greenhorn 2K WOB 25 RPM	Compressor 1800 - 2000 scfm 400 - 500 psi Use N2 membrane unit from ICP to TD **Do not drill with Oxygen content above 8%**
6517'	Gallup		
7298'	Greenhorn		
7358'	Graneros		
7388'	Two Wells		
7509'	Upper Cubero		
7546'	Lower Cubero		
7639'	Bottom Per.		
7655'	Est. PBTD		
7634'	Encinal		
7659'	**Total Depth**		

If hole gets wet. Mist drill to top of Mancos w/ Hammer bit TOH, mud up, drill to TD w/ PDC bit (506Z) **Must run Dev Surveys.**

Contact office staff.

Cement

Type III cement with 3% CaCl2 and 1/4 pps celloflake
175 sks 224 3 cu.ft 15 2 ppg
1.28 cu ft/sk 5.77 gal per sk 200%

Intermediate Cement Procedure

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
19 sks 11.0 ppg 17.89 gal/sk
56 cu.ft 3.02 cu.ft/sk 130%

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
466 sks 12.1 ppg 11.29 gal/sk
992 cu.ft 2.13 cu.ft/sk 130%

Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.
82 sks 14.6 ppg 6.64 gal/sk
113 cu.ft 1.38 cu.ft/sk *Top @ 2752'*

2 Stage Intermediate Procedure

Preflush: 10 bbls gel water, 2 bbls fresh water

Stage 1

Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
19 sks 11.0 ppg 17.89 gal/sk
56 cu.ft 3.02 cu.ft/sk

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
69 sks 12.1 ppg 11.29 gal/sk
147 cu.ft 2.13 cu.ft/sk 130%

Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.
82 sks 14.6 ppg 6.64 gal/sk
113 cu.ft 1.38 cu.ft/sk

Stage 2

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
19 sks 11.0 ppg 17.89 gal/sk
56 cu.ft 3.02 cu.ft/sk

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.
370 sks 12.1 ppg 11.29 gal/sk
789 cu.ft 2.13 cu.ft/sk 130%

NO MUD LOGS

NO OPEN HOLE LOGS

Materials

1 Cameron flanged wellhead
219 feet 9-5/8" 32.3 0# H-50 STC
1 9-5/8" sawtooth guide shoe
3 Bow Type Centralizers
1 Rubber Plug f/displacement

Intermediate String
1 7" Float Shoe (Gemoco)
42 feet Shoe Joint 7" 20.0#, J-55 ST&C
1 7" Float Collar (Gemoco)
3398 feet 7" 20.0#, J-55 ST&C
6 7" x 8-3/4" bow type every 3rd jnt to Ojo
2 7" x 8-3/4" turbolizer centralizers at base of Ojo
15 7" x 8-3/4" bow type every 4th jnt to surface csg
Totals
3590 feet 7", 20.0#, J-55 ST&C
21 7" x 8-3/4" bow type centralizers
2 7" x 8-3/4" turbolizer centralizers

Production String
1 4-1/2" Float Shoe (Gemoco)
1 4-1/2" Float Collar w/ Insert and **latch-in plug**
236 feet 4-1/2" 10.5#, J-55 ST&C
125 feet 4-1/2" 10.5#, J-55 ST&C to Greenhorn
10 feet 4-1/2" 10.5#, J-55 ST&C marker jt
3607 feet 4-1/2" 10 5#, J-55 ST&C to Huerfanito Bentonite
10 feet 4-1/2" 10.5#, J-55 ST&C marker jt
2812 feet 4-1/2" 10 5#, J-55 ST&C
859 feet 4-1/2" 11.6#, J-55 LT&C
6 4-1/2" x 6-1/4" every other jnt off bottom
1 4-1/2" x 6-1/4" at intermediate casing shoe
Totals
6800 feet 4-1/2" 10 5#, J-55 ST&C
1009 feet 4-1/2" 11.6#, J-55 LT&C w/ 150' extra
7 4 -1/2" x 6-1/4" bow type

Production Cement Procedure

Preflush: 10 bbls Chem Wash, 2 bbls FW

Scavenger: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52.
9 sks 3.02 cu.ft/sk
27 cu ft 17.89 gal/sk
11.0 ppg 40%

Tail: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52.
298 sks 1.98 cu.ft/sk
591 cu.ft 9.80 gal/sk
12.5 ppg 40%

Bring 30 extra sacks for rat/mouse hole for production cement job
Add 25 lb of sugar to initial displacement

Offset Summary

Johnston A Com C #9A (MV/DK, 1999, 3/4 mi. NW): Rig drilled 12-1/4" surface hole to 250'. Ran 9-5/8", H-40, 32.3#, ST&C to 245' Pumped 38 9 bbls, circ 17.5 bbls to surf. Drilled f/250'-3,477' w/ 8-3/4" Hughes GT-09C, avg ROP=81 fph, max dev=1 75 deg, flow rate = 341 gpm Spotted 15% LCM pill before POOH to run csg Ran 7", 23#, J-55 to 3468' Pumped 235 bbls, circ 47 bbls to surf, 160% excess Drilled f/3,477'-7,725', w/ Smith H4R6R2, avg ROP=80 fph. Reports indicated hole dusted good in Point Lookout and Greenhorn, no problems, did not get wet. Ran 4-1/2", 10 5#, J-55, ST&C to 7,723'. Pumped 121 bbls cmt, TOC @ 2,498', 979' overlap, 55% excess

Johnston A #13M (MV/DK, 1999, 1/4 mi. W): Rig drilled 12-1/4" surface hole to 232' Ran 9-5/8", H-40, 32 3#, ST&C to 226' Pumped 35 7 bbls, circ 16 bbls to surf. Drilled f/232'-3,386' w/ 8-3/4" Hughes GT-09C, avg ROP=78 fph, max dev=1 25 deg, flow rate = 341 gpm Pumped paper, mica & gel sweeps f/1,950'-2,238' to control losses. Tight hole @ 2,836' Tight hole on short trip. Wash & ream 178' to bottom on short trip Used Soltex shale inhibitor Ran 7", 23#, J-55 LT&C to 3,381'. Pumped 229 bbls, circ 42 bbls to surf, 160% excess. Drilled f/3,386'-7,024', w/ Smith 441R6R2, avg ROP=90 fph Hole got wet @ 7,004' in Gallup Drilled f/7,024'-7,641' w/ 6-1/4" DKG SG53, avg ROP= 29.5 fph. Pumped soap sweep @ 7,046'. Ran logs at TD Blew hole after running logs, hole unloaded small mud balls, blew up to 3800 cfm @ 620 psi, then raised flow rate to 4800 cfm @ 800 psi Hole dusted after 1 5 hours blowing Ran 4-1/2", 10 5#, J-55, ST&C to 7,615'. Pumped 124 bbls, TOC @ 3.188', 198' overlap, 55% excess

SJ 27-5 #97N (MV/DK, 2004, 3/4 mi. NE): Preset 12-1/4" surface hole to 137' Ran 9-5/8", H-40, 32 3#, ST&C to 133' Pumped 14 5 bbls, circ 2 bbls to surf Drilled f/137'-3,440' w/ 8-3/4" Hughes GT-09C, avg ROP=84 fph, max dev=2 5 deg, flow rate = 318 gpm Increased LCM f/0% to 15% @ 3,440'. Tight hole on trip out, took one hour to pull 1st 10 stds Ran 7", 23#, J-55 to 3435' w/DV tool @ 2,780' No problems running casing Pumped 34.5 bbls 1st stg, circ 15 bbls to surf, 80% excess. Pumped 134 bbls 2nd stg, circ 29 bbls to surf, 80% excess. Drilled f/3,440'-7,683', w/ Marquis CV462, avg ROP=95 fph. Reports indicated hole dusted good in Point Lookout and Greenhorn, no problems, did not get wet Ran 4-1/2", 10.5#, J-55, ST&C to 7,678' Pumped 102 bbls cmt, TOC @ 3,250', 190' overlap, 30% excess

Operational Notes

- Contact office for instructions on intermediate casing cement job **Use BJ (327-6222) for all other cement work.**
- Drill intermediate hole with Clean Phase w/ sweeps as needed, mud up as hole dictates.
- Cement surface lines pressure tests should be held for at least 5 min. and then released All plugs bumped should be with at least 500 PSI over final circulating pressure & pressure should be held for at least 10 min When pressure is released it should be done slowly Water flow back to cement mixer tank & **last slurry weight returned to surface should be reported in the final vendor cement report & Wellview**
- Call all proper regulatory agencies, including OCD, 24 hours in advance of BOP testing, spud, running csg, or cementing Leave message if after hours (BLM· 599-8907, OCD 334-6178)
- Transfer mud to next location.
- Short trip to drill collars unless hole dictates otherwise
- Rig up blooie line before drilling Kirtland. Ensure pilot light is on before drilling with air
- Caliper everything that goes through the table
- Install drilling head rotating rubber once BHA is burried
- Circulate 7" casing every 15-20 joints.
- Reserve pits must be lined
- Fill out all Check Sheets (MIRU, pre-spud) and take pictures of location.
- Use Weatherford/Gemoco for all float equipment needs
- Wet roads as necessary to keep dust down
- Well should take an estimated 11 days to drill
- Take Teledrift surveys every 500' to TD
- Insure TIW valve w/ correct XO is made up on rig floor, with the valve open
- Notify Phoenix Services to acquire deviation survey at rig down (325-1125, phoenixservices@zianet com)
- Surface Owner **STATE**
- Contact Southwest Bit & Tool for bit and motor needs (632-1452)
- **Obey posted speed limits and keep all gates locked!!**
- **Use Best-of-Life pipe dope for all casing.**

repared: 4/1/2008

Prepared: _____ Jesus Cedeno - Drilling Engineer

Reviewed: _____ Shon Robinson - Drilling Engineer Supervisor

Approved: _____ Ed Jackson - Drilling