

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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MAY 18 2017

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

Farmington Field Office

SUNDRY NOTICES AND REPORTS ON WELLS Management

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit A (NENE), 15' FNL & 240' FEL, Sec. 18, T31N, R09W

5. Lease Serial No.

SF-078438

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

San Juan 32-9 Unit

8. Well Name and No.

San Juan 32-9 Unit 5 SWD

9. API Well No.

30-045-28563

10. Field and Pool or Exploratory Area

11. Country or Parish, State

San Juan, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Remedial

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources requests permission to perform remedial work on the subject well per the attached procedure and wellbore schematic.

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Notify NMOCD 24 hrs prior to beginning operations

OIL CONS. DIV DIST. 3

MAY 23 2017

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Christine Brock

Title Regulatory Specialist

Signature

Christine Brock

Date

5/18/17

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Jack Swartz

Title

PE

Date

5/23/17

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD

3 a/b

ConocoPhillips
SAN JUAN 32-9 UNIT 5 SWD
Expense - Wellhead Upgrade

Lat 36° 54' 18.936" N

Long 107° 48' 44.712" W

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. If a base beam is not utilized, Test rig anchors prior to moving in rig. RU slickline and set a X-plug in the lower X-profile at 8,205'. Pressure test the plug to 1500 psi for 30 min, verify the plug as a barrier. (note previous work in 2010, required acid job to get X-plug to set and test).
2. Perform MIT (Mechanical Integrity Test) above the packer at 8,198' to 560 psig for 30 minutes on a 2 hour chart with 1000 lb. spring. Contact the wells engineer to discuss the test results and adjust the planned workover accordingly.
3. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. If there is pressure on the TBG, Intermediate or BH, contact Wells Engineer. Contact wells engineer to discuss the well control status of the well and discuss Kill fluid requirement.
4. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Ensure the well is dead and that the X-Plug barrier at 8,205' is holding. Pumping Kill Fluid may be required to kill the well, Contact wells Engineer to discuss.
5. ND wellhead and NU BOPE with 4-1/2" Pipe rams, Blind Rams, and an Annular. Pressure and function test BOP to 250 psi low 2,000 psi high and charted for 10 minutes per COP Well Control Manual. Only pressure test the Annular to 1,500 psi (50% rating of annular). Record pressure test in WellView.
6. Pull the TBG string to unseat the Otis seal assembly in the permanent packer, note: estimated 70K to 75K lb. pull to unseat the seal assembly factoring in buoyancy of pipe in 8.7 ppg fluid. Do not pull over 88 klb on the 4-1/2" CSG. If pull more than 88 klb is anticipated contact the wells engineer to discuss. After unseating the seal assembly, flow check the well for 30 minutes, verify the well is static before pulling the TBG string. Pull the TBG hanger to the floor and inspect the seals. If damage to the TBG hanger seals exist make repairs to the seals and land the TBG string and pressure test the TBG annulus to 560 psi. Contact the Engineer with the results.
7. Prior to pulling the TBG string verify the well is static, if the well is not static contact the wells engineer and plan to load the hole with kill fluid. Pull laying down the 4-1/2" CSG and 2-3/8" TBG. NOTE: Have a trip tank ready to monitor fluid fill while tripping the TBG out of the well, keep a trip sheet updated. Ensure to Visually inspect the 4-1/2" CSG and 2-3/8" TBG for wear externally and internally after laying the pipe down. Discuss with the wells engineer plans to send the CSG/TBG to tuboscope to be inspected based on inspection of the seal assembly. Inspect the Seal assembly for wear and notify wells engineer of the condition.
8. (Optional based on step #2 MIT results) PU a 2-3/8" work string, 4-1/2" RBP and packer in tandem. RIH with the 4-1/2" RBP and set at 7,800', set the packer and pressure test the RBP at 7,800' to 600 psi. If the RBP tests, release the packer and pressure test the CSG from the RBP at 7,800' to surface to 560 psi for 30 minutes. Contact the wells Engineer with the test results. If the test fails PU a 7" packer and narrow the CSG leak. Discuss with the wells Engineer repair options. After the MIT/Repair pull the RBP and laydown the work string.
9. Contact the wells engineer to discuss the status/condition of the TBG string pulled from the well to determine if we plan to re-run the TBG string. If we re-run the same TBG string plan to add a 3-1/2" profile (contact engineer for specs.) at the end of the 4-1/2" CSG prior to the transition to the 2-3/8" TBG. PU an new TBG hanger to land the TBG string. Halliburton has the seals to re-dress the Otis seal assembly. We will have available a retrievable packer that can be set above the permanent packer as an option, please discuss with the wells engineer prior to running the TBG/seal assemblies. RIH BHA/TBG. Prior to setting packer/seal assembly circulate the TBG annulus with packer fluid to surface. Set sealing assembly/packer.
10. Perform MIT (Mechanical Integrity Test) above the packer at 8,198' to 560 psig for 30 minutes on a 2 hour chart with 1000 lb. spring. Notify NMOCD for witness. If the test passes, SI the well. If the test fails, contact the Wells Engineer.
11. Establish barriers. ND BOP, NU surface valves.
12. Notify lease operator that well is ready to be returned to production. RDMO.

ConocoPhillips

Schematic - Current

SAN JUAN 32-9 UNIT #5 SWD

District SWD	Field Name MORRISON BLUFF ENTRADA	API / UWI 3004628563	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 8/17/1991	Surface Legal Location 018-031N-009W-A	East/West Distance (ft) 240.00	East/West Reference FEL	North/South Distance (ft) 15.00
			North/South Reference FNL	

Sidetrack 1, 5/4/2017 1:03:21 PM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
4-1/2" PLASTIC LINED TUBING; 4 1/2 in; 10.50 lb/ft; J-55; 13.1 ftKB; 55.5 ftKB	Surface Casing Cement; 13.0-318.7; 8/17/1991; 363 sx Class G cement. Circ 33 bbls	55.4	
4-1/2" PLASTIC LINED TUBING PUP JOINT; 4 1/2 in; 10.50 lb/ft; J-55; 55.5 ftKB; 64.6 ftKB	Intermediate Casing Cement; 13.0- 2,786.6; 8/25/1991; 2nd stage 840 sx Class G 65/35 poz followed by 80 sx Class G. Circ. 55 bbls.	318.6	
1; Surface; 13 3/8 in; 12.615 in; 13.0 ftKB; 318.7 ftKB	Intermediate Casing Cement; 2,786.6- 2,796.3; 8/25/1991; 1st stage 40 sx Class G 65/35 poz followed by 90 sx Class G. Circ. 6 bbls.	1,848.1	OJO ALAMO KIRTLAND
4-1/2" PLASTIC LINED TUBING; 4 1/2 in; 10.50 lb/ft; J-55; 64.6 ftKB; 7,602.5 ftKB	Intermediate Casing Cement; 3,300.0- 4,956.0; 9/2/1991; 2nd stage 205 sx Class G 65/35 poz followed by 100 sx Class G. TOC @ 3300' (TS)	2,786.7	
2; Intermediate; 9 5/8 in; 8.921 in; 13.0 ftKB; 3,900.4 ftKB	Cement Squeeze; 4,915.0-5,115.0; 3/15/2007; Located csg leak; pump cement plug from 4915'-5115'; squeezed 3.1 bbls into formation; drill out cement.	3,040.0	FRUITLAND C...
	Cement Plug; 4,906.0-5,206.0; 2/26/2007; Csg leak from 5019'-5206'; spot 300' balanced plug @ 4906'-5206' to repair csg leak; drilled out cement to 5229'.	3,432.1	PICTURED CL...
	Cement Squeeze; 5,090.0-5,143.0; 2/20/2007; Csg leak from 5090'-5143'; squeezed w/ 93 bbls Prem Lite then 16 bbls Class B cement.	4,202.1	CHACRA
	Cement Squeeze; 5,103.0-5,135.0; 8/21/2001; Cemented csg leak w/ 325 sx Class B cement from 5103'-5135'.	4,915.0	
	Cement Squeeze; 5,103.0-5,135.0; 8/18/2001; Csg leak between 5103'-5135'. Cemented w/ 150 sx Class G cement. PT failed.	4,974.1	MESAVERDE
2-3/8" X 4-1/2" CROSSOVER; 4 1/2 in; 7,602.5 ftKB; 7,603.5 ftKB	Intermediate Casing Cement; 5,604.0- 7,842.1; 9/2/1991; 1st stage 280 sx Class G 65/35 poz followed by 100 sx Class G. TOC @ 5604' w/ 75% eff	5,103.0	
3; Intermediate; 7 in; 6.366 in; 13.3 ftKB; 7,842.1 ftKB	Cement Squeeze; 7,662.9-8,780.0; 12/5/1991; Cemented squeeze holes w/ 180 sx Class G cement. TOC @ 7663' (BOL) w/ 75% eff.	5,134.8	
2-3/8" PLASTIC LINED TUBING; 2 3/8 in; 4.70 lb/ft; J-55; 7,603.5 ftKB; 8,188.0 ftKB		5,206.0	MENEFEE
2-3/8" X 1.875" X NIPPLE; 2 3/8 in; 4.70 lb/ft; J-55; 8,188.0 ftKB; 8,188.8 ftKB		5,604.0	POINT LOOKO...
STRAIGHT CUT SEAL ASSEMBLY; 3.05 in; 8,188.8 ftKB; 8,198.5 ftKB		6,169.1	MANCOS GALLUP
Packer; 8,197.0-8,198.0		7,602.4	
Crossover; 8,198.0-8,198.5		7,662.7	GREENHORN GRANEROS- DAKOTA
Tubing Sub; 8,198.5-8,204.6		7,762.1	
Seat Nipple; 8,204.6-8,205.7		7,842.2	
Mule Shoe; 8,205.7-8,207.5		8,152.9	
Perforate; 8,253.0-8,496.0; 12/16/1991		8,189.0	
Perforate; 8,526.0-8,565.0; 12/15/1991		8,198.2	
Perforate; 8,658.0-8,825.0; 12/11/1991		8,204.7	
Perforate; 8,780.0; 12/5/1991		8,207.3	
Perforate; 8,965.0-9,205.0; 12/7/1991		8,496.1	
PBTD Sidetrack 1; 9,207.0		8,565.0	
4; Liner; 4 1/2 in; 0.000 in; 7,647.6 ftKB; 9,209.0 ftKB		8,568.1	
		8,799.9	
		8,963.1	
		8,964.8	
		9,207.0	
		9,210.0	
		9,332.0	