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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. SF-080724A

SUNDRY NOTICES AND REPORTS ON WELLS
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

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

ZACHRY #17E

2. Name of Operator

Burlington Resources Oil & Gas Company LP

9. API Well No.

30-045-24801

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

10. Field and Pool or Exploratory Area

OTERO CHACRA / BASIN DK

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

UNIT O (SWSE), 1100' FSL & 1585' FEL, SEC. 35, T29N, R10W

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	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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 recompletion 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 Oil & Gas request permission to P&A this well per the attached procedure, current and proposed wellbore schematics. The pre-disturbance site visit was conducted on 5/26/15 with Bob Switzer as the BLM representative. The Revegetation Plan is attached. A closed loop system will be utilized with this project.

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

SEE ATTACHED FOR CONDITIONS OF APPROVAL

JUN 11 2015



H2S POTENTIAL EXIST

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

Patsy Clugston

Staff Regulatory Technician

Title

Signature

Aileen White

Date

5/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salvess

Title PE

Date 6/5/2015

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

NMOCD

(Instruction on page 2)

See COA

14. Plug B (Ojo Alamo and Kirtland formation tops, 869'-1,108', 22 Sacks Class B Cement)

Mix 22 sx Class B cement and spot a balanced plug inside the casing to cover the Ojo Alamo and Kirtland formation tops. PUH.

15. Plug 9 (Surface Casing Shoe and Surface, 0'-344', 97 Sacks Class B Cement)

Part 1: Mix 11 sx Class B cement and spot a balanced plug inside the casing from 344'-250'. POOH.

Part 2: RU WL and perforate 4 big hole charge (if available) squeeze holes at 245'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 4-1/2" CR and set at 195'. Mix 63 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 245'. Mix 23 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

16. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



Basic - Schematic - Current

ZACHRY #17E

District SOUTH	Field Name BSN DK(PRO GAS) #0088	API / UWI 3004524801	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 2/11/1981	Surface Legal Location 035-029N-010W	East/West Distance (ft) 1,585.00 E	North/South Distance (ft) 1,100.00 N	North/South Reference

Original Hole, 4/9/2015 9:44:12 AM

Vertical schematic (actual)	MD (ft)	Formation Tops
	13.5	
	15.1	
1; Surface; 8 5/8 in; 8.097 in; 13.5 ftKB; Set depth from tally; 294.3 ftKB	250.0	
Surface Casing Cement; 13.5-294.3; 2/12/1981; 250 SX CLASS B. CIRCULATE CEMENT TO SURFACE	294.3	
	297.9	
	919.9	OJO ALAMO
	1,059.1	KIRTLAND
	1,566.9	FRUITLAND
	1,755.9	FRUITLAND C...
	2,036.1	PICTURED CLI...
	2,109.9	LEWIS
Hydraulic Fracture; 5/3/1981; Frac'd w/ 700 gal 7 1/2% NE HCl, 67,500# 20/40 sand and 52,000 gal 70-30 foam	3,015.1	CHACRA
PERF - CHACRA; 3,023.0-3,152.0; 5/3/1981	3,023.0	
Auto cement plug; 6,657.0-3,227.0; 2/23/1981; Automatically created cement plug from the casing cement because it had a lagged depth.	3,151.9	
Cement; 250.0-3,227.0; 2/23/1981; Cemented 3rd stg w/ 575 sks HowcoLite w/ 1 1/2# gilsonite & 100 sks 50/50 poz w/ 2% gel, .6% FLA	3,225.1	
Stage Tool @ 3227'	3,227.0	
Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 13.6 ftKB; 6,546.1 ftKB	3,604.0	UPPER CLIFF...
TOC @ 3690' (Volume Calculation)	3,690.0	MASSIVE CLIF...
	3,710.0	MENELEE
	4,362.9	POINT LOOKO...
Cement; 3,690.0-4,661.0; 2/23/1981; Cemented 2nd stage w/ 200 sks 50/50 poz w/ 4% gel & 50 sks Class B w/ 2% CaCl2. 2nd stg circulated mud. TOC @ 3690' (75% calculation based on 1.18 lowest yield)	4,659.1	
Stage Tool @ 4661'	4,661.1	
	4,720.1	MANCOS
TOC @ 5300' (CBL 4/81)	5,299.9	
	5,547.9	GALLUP
	6,325.1	GREENHORN
	6,392.1	GRANEROS
	6,445.9	TWO WELLS (...)
	6,446.9	
	6,503.9	PAGUATE
	6,545.9	
	6,547.2	
	6,559.1	CUBERO
	6,578.7	
	6,579.4	
	6,618.1	
2; Production 1; 4 1/2 in; 4.062 in; 13.6 ftKB; 6,684.7 ftKB	6,629.9	ENCINAL
Auto cement plug; 6,657.0-6,685.0; 2/23/1981; Automatically created cement plug from the casing cement because it had a lagged depth.	6,657.2	
Production Casing Cement; 5,300.0- 6,685.0; 2/23/1981; Cemented 1st stage w/ 325 sks 50/50 poz w/ 2% gel, .6% FLA & 10% salt.	6,667.7	
1st stg circulated mud. TOC @ 5300' (CBL 4/30/81)	6,683.7	
	6,684.7	
	6,685.0	
PBTD; 6,657.0		

District SOUTH	Field Name BSN DK(PRO GAS) #0068	API / UWI 3004524801	County SAN JUAN	State/Province NEW MEXICO	
Original Spud Date 2/11/1981	Surf Loc 035-029N-010W	East/West Distance (ft) 1,585.00	East/West Reference E	N/S Dist (ft) 1,100.00	North/South Reference N

Original Hole, 1/1/2020 9:30:00 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
Cement Retainer; 195.0-197.0		15.1	
SQUEEZE PERFS; 245.0; 1/1/2020		196.9	
TOC @ 250' (Temperature Survey 2/81)		250.0	
	Plug #98; 13 5/8" O; 1/1/2020		
	Plug #99; 13 5/8" O; 1/1/2020; Max 63 s/s Class B cement and set until good cement returns to surface out BH valve, max 23 s/s Class B cement and pump inside plug.		
	Surface Casing Cement; 13 5/8" O; 1/1/2020; 250 s/s CLASS B, CIRCULATE CEMENT TO SURFACE		
	1; Surface; 8 5/8" ID; 8 5/8" ID; 13 5/8" O; Set depth from tally; 294.2 ftKB	297.9	
	Plug #94; 2 3/4" O; 1/1/2020; Max 11 s/s Class B cement and spot a balanced plug inside the casing from 299-347	369.1	OJO ALAMO KIRTLAND
	Plug #8; 3 1/2" O; 1/1/2020; Max 22 s/s Class B cement and spot a balanced plug inside the casing to cover the Ojo Alamo sand and top.	1,058.1	
	Plug #7; 1 5/16" O; 1/1/2020; Max 12 s/s Class B cement and spot a balanced plug inside the casing to cover the Fruitland top.	1,517.1	FRUITLAND
		1,617.1	FRUITLAN...
		1,985.9	PICTURED...
	Plug #6; 1 5/8" O; 1/1/2020; Max 12 s/s Class B cement and spot a balanced plug inside the casing to cover the Lewis top.	2,086.0	LEWIS
	Plug #5; 2 1/2" O; 1/1/2020; Max 12 s/s Class B cement and spot a balanced plug inside the casing to cover the Chacra and formation top.	2,873.0	CHACRA
Hydraulic Fracture; 5/3/1981; Frac'd w/ 700 gal 7 1/2% NE HCl, 67,500# 20/40 sand and 52,000 gal 70-30 foam		3,015.1	
PERF - CHACRA; 3,023.0- 3,152.0; 5/3/1981		3,151.9	
Stage Tool @ 322'			
Cement Retainer; 3,604.0- 3,606.0		3,227.0	
SQUEEZE PERFS; 3,654.0; 1/1/2020		3,604.0	UPPER CLI...
TOC @ 3690' (Volume Calculation)		3,653.9	
	Plug #4; 3 1/2" O; 1/1/2020	3,710.0	MASSIVE C... MENEFFEE POINT L.OO...
	Plug #3; 4 1/2" O; 1/1/2020	4,659.1	
Stage Tool @ 4661'			
Cement Retainer; 4,720.0- 4,722.0		4,669.9	
SQUEEZE PERFS; 4,770.0; 1/1/2020		4,722.1	MANCOS
TOC @ 5300' (CBL 4/81)		5,299.9	
	Plug #2; 5 1/8" O; 1/1/2020; Max 12 s/s Class B cement and spot a balanced plug inside the casing to cover the Gallup formation top.	5,847.9	GALLUP
	Plug #1; 6 1/2" O; 1/1/2020; Max 12 s/s Class B cement and spot a balanced plug inside the casing to cover the Dix perforations, Dix and Graneros formation tops.	6,296.9	GREENHO... GRANEROS
		6,392.1	
		6,399.0	TWO WELL...
		6,448.9	PAGUATE CUBERO
		6,559.1	
		6,629.9	ENCINAL
		6,687.7	
		6,584.7	
	2; Production; 4 1/2" ID; 13 5/8" O; 6 5/8" 7 1/8" Production Casing Cement; 13 5/8" O; 1/1/2020; Cemented 1st stage w/ 223 s/s 50/50 poz w/ 2% gel, 5% PRL & 10% sst. 1st stage circulated mud, TOC @ 5107 (CBL 4/81) Auto cement plug; 8 5/8" O; 1/1/2020; Automatically created cement plug from the casing cement because it had a logged down.		

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Zachry #17E

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
3. The following modifications to your plugging program are to be made:
 - a) Bring the top of plug #3 to 4650 ft. inside/outside to cover the Mancos top. Adjust cement volume accordingly.
 - b) Set plug #7 (1806-1706) ft. to cover the Fruitland top. BLM picks top of Fruitland at 1756 ft.
 - c) Bring the top of plug #8 to 850 ft. to cover the Kirtland and Ojo Alamo tops. Adjust cement volume accordingly.

Note: H₂S has not been reported at this location; however, low concentrations of H₂S (10 ppm-32ppm GSV) have been reported in wells within a 1 mile radius of this location.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.