submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2007 FEB 20 PM 4:03

RECEIVED
BLM
210 FARMINGTON NM

1. **Type of Well**
GAS

2. **Name of Operator**
BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**
Sec., T—N, R—W, NMPM

Unit J (NWSE), 1560' FSL & 1850' FEL, Sec. 24, T30N, R11W NMPM

5. **Lease Number**
NMSF-078171

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Aztec Federal #1

9. **API Well No.**
30-045-09319

10. **Field and Pool**
Otero CH/Blanco MV/Basin DK

11. **County and State**
San Juan, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission:	Type of Action:		
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Other : Remediation
	☐ Recompletion	☐ New Construction	
☐ Subsequent Report	☐ Plugging	☐ Non-Routine Fracturing	
	☐ Casing Repair	☐ Water Shut-off	
☐ Final Abandonment	☐ Altering Casing	☐ Conversion to Injection	

13. Describe Proposed or Completed Operations

The intent of this procedure is to identify the water producing zone in the wellbore, and if possible, isolate it via cement. Based on previous history, the Chacra is suspected of producing large amounts of water. If the zone cannot be isolated without adversely affecting the wellbore, then a pump will be installed. Please see attached WBD & procedure.

RCVD FEB22'07
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Philana Thompson Title Regulatory Tech Date 2/16/07

(This space for Federal or State Office use)
APPROVED BY Original Signed: Stephen Mason Title _____ Date FEB 21 2007
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

AZTEC FEDERAL 1 DK ,MV, CH

Unit J T030N R011W Sec.024
1560 FSL & 1850 FEL
SAN JUAN COUNTY, NM

API Number: 30045093190000
AIN: 374401

Latitude N36 47.652
Longitude W107 56.400

Spud date: 8/16/64 Completion Date: 10/28/64
GL = 0,000' KB= 0,000'

Current/Proposed Wellbore

STATUS
DOWN - TUBING/CASING

CASING RECORD:
8 5/8" 24 # set @ 307
Cemented with 175 SXTOC @ SURF

DV Tool @ 2745'

WORKOVER HISTORY:
8/19/95- Squ 8/19/95- Squeezed 100 sx @ 4456'
9/15/01-Squeezed 150 sx @ 3295' TOC @ 3050' CBI
Perfed the Charca and Mesaverde
Install pump
Left fish in the hole@7073' from original compl.
9/9/02- LD pump, fished stuck tgb, cleaned out and test the Chacra & Mesverde relanded TBG @ 7067'

DV Tool @ 5055'

CASING RECORD:
4 1/2" 10.5&11.6# set @ 7268
Cemented with 1075SXTOC @ SURF

FORMATION TOPS:

Pictured Cliffs	2623'
Lewis	2730'
Cliff House	4295'
Menefee	4480'
Point Lookout	4935'
Mancos	5150'
Gallup	6180'
Greenhorn	6915'
Graneros	6970
Dakota	7105

TUBING RECORD:
2 3/8" 4.7# J-55 set @ EUE

TOC @ 3050' (CBL)

Squeezed 150 sx @ 3295'

Chacra

3462'	200,000# 20/40 BRADY
	663 BBL 25-30# Lin Gel
4004'	0

Mesaverde

4276'	50,000 # 20/40 BRADY
4876'	1158 BBL 25-30 Ln Gel
4912'	85,000# 20/40 Brady Sd
5248'	1975 BBLS 10# liner Gel

Dakota

7033'	20,000# sd
7041'	30,400 gal WTR
7128'	42,000# SD
7112	62700 gal WTR
7234	500 gal 7% acid, 500gal 15%
7252	24,000# SD, 44,100gal WTR

PBTD= 7072'
TD= 7268'

2/5/07

Aztec Federal #1
Lat: N36 47.652 Long: W107 56.515
1560' FSL & 1850' FEL
T30N-R11W-Sec 24-Unit N
San Juan County, NM
AIN: 374401' (DK), 374402' (MV), 374403' (CH)

Scope of work:
The intent of this procedure is to identify the water producing zone in the wellbore, and if possible, isolate it via cement. Based on previous history, the Chacra is suspected of producing large amounts of water. If the zone cannot be isolated without adversely affecting the wellbore, then a pump will be installed.

Procedure:
1. Hold safety meeting. Comply with all NMOCD, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving rig on.
2. MIRU. Record tubing and casing pressures in DIMS. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl if necessary.
3. ND well-head NU BOP.
4. Release tubing hanger and tag for fill, PU additional joints as needed. PBTD is 7072'. Record the fill depths in DIMS.
5. TOOH with production string as follows:
   (223) jts 2-3/8", 4.7#, J-55 tubing
   (1) 2 3/8" seat nipple
   (1) 2 3/8' saw tooth collar (Records are not specific on exact BHA)

   NOTE: Visually inspect tubing, record findings in DIMS, make note of corrosion, scale, and/or holes. Replace any bad joints of tubing as necessary and record in DIMS.
6. TIH with 2 3/8" tbg, blow around well, remove water and cleanout fill to PBTD (7072'). Pickup tubing to 7040', and blow well for 3 hours. Monitor and record water production (insure water production has stabilized).
7. TOOH with tbg, TIH with RBP for 4 ½" casing and set at 4054' (50' below the Chacra). Release tbg from RBP and pickup TBG @ to 3700'. Blow well for 3 hours and monitor water production. If less that 10 bbl per day release RBP and proceed to next step. If water production is greater than 10 bbl per day contact engineer and rig superintendent for direction and proceed to step 10.
8. Lower RBP and set at 4900' (between the Menefee and Point Lookout). Release tbg from RBP, pickup TBG to 4700 blow well for 3 hours and monitor water production. If well produces 10 bbl per day (or less) release RBP and proceed to next step. If rate is more than 10 bbl per day than contact area engineer and rig superintendent for direction and proceed to step 10.
9. Lower RBP and set at 5298' (between the MV and Dakota). Release tbg from RBP, pickup TBG to 5175' blow well for 3 hours and monitor water production. Contact engineer and rig superintendent with water production information for further instruction.
10. Latch on to RBP and TOOH
11. TIH with production string as follows: (1) 2 3/8" mule shoe expendable chk
    (1) 2 3/8" F-nipple (1.78" ID)
    (1) 2 3/8" tail JT
    (1) 2 3/8" x 2' pup jt
    ~ 148 jt of 2 3/8", 4.7#, J-55, EUE
    to surface as required to land at **7067'**

    Note: Utilize a drift bar to ensure tbg is free from scale or debris, and not crimped.
12. Run in hole with shear tool and set SV. Pressure test tubing to 1000 psi. If tubing test is ok, return well to production, if not, repeat previous steps as required. Call lease operator to inform him well to ready to be returned to production. RDMO

Project Engineer
Ryan Frost

Rig Supervisor

Contacts
Area Engineer: Ryan Frost, Office: 324-5143, Cell: 320-0953
Area Foreman: Jim Work, Office: 324-5134, Cell: 320-2447
Area Specialist: Donnie Thompson, Cell: 326-2639, Pager: 327-8814
Lease Operator: Jack Birchfield, Cell: 320-2451, Pager: 324-7480