

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well

GAS

5. Lease Number

SF-078578-A

6. If Indian, All. or

Tribe Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1630' FSL 1030' FEL, Sec. 15, T-30-N, R-8-W, NMPM

Well Name & Number

Howell K #3A

9. API Well No.

30-045-21665

10. Field and Pool

Blanco Mesaverde

11. County and State

San Juan Co, 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

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - TDT Logging

13. Describe Proposed or Completed Operations

It is intended to run a TDT log on the subject well according to the attached procedure and wellbore diagram.

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

Signed Vanessa K. Hebert (BG) Title Regulatory Administrator Date 9/29/98
TLW

(This space for Federal or State Office use)

APPROVED BY Chip Hasaden Title Acting Team Lead Date 10/14/98

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes 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.

NMOCD

BURLINGTON RESOURCES

Date: 9/23/98

Howell K # 3A TDT Logging Procedure

General Well Data:

Well Name: Howell K # 3A
Location: I Sec. 15, T30N, R08W
County, State: San Juan County, New Mexico
Formation: Pictured Cliffs

LAT : 36° 48.51'
LONG : 107° 39.37'

Project Overview:

This well is part of the 1999 TDT logging program. This program consists of 18 wells in the north east quarter of the basin that will be logged with Schlumberger's cased hole TDT tool. This tool will provide useful information to be used to evaluate the Pictured Cliffs formation in areas where there is little or no modern wireline control through the PC. The results of this program will help define the PC Extension play in the future.

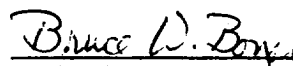
1. MIRU. Blow down casing. Kill well with 2% KCl. ND WH. NU BOP.
2. Pick up 2-3/8" tbg and tag PBTD at 5811'. TOOH (FN @ 5758'). Visually inspect.
3. RU wireline unit. Run 7" gauge ring to top of liner at 3418'. POOH with gauge ring.
4. TIH with 7" RBP. Set RBP in 7" casing at 3410'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3400' to 2400'. POOH.
6. TIH with retrieving tool on 2-3/8" tbg and unload hole. Engage RBP and TOOH.
7. If there is fill. TIH with 2-3/8" tbg and clean out to PBTD. TOOH.
8. Run production tbg string as follows: expendable check, one joint 2-3/8" tubing, 1.78" seating nipple, and the remainder of the tubing.
9. ND BOP. NU WH. Pump off expendable check. Run broach on sandline. If well will not flow on its own, make a swab run to the seating nipple. RD and MOL. Return well to production.

Recommend:


Production Engineer 9-23-98

Approval:

 9/23/98
Regional Engineer

 9-29-98
Drilling Superintendent

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Howell K # 3A

Unit I, Sec. 15, T30N, R08W

1630 FSL, 1030 FEL

San Juan County, NM

GL: 6436' KB: 6446'

SPUD: 2/21/75

Surface Casing:

9-5/8" 36# K55

Set @ 221

Cement: 190 sxs

Top: Circ to Surface

Intermediate Casing:

7" 20# J55

Set @ 3575'

Cement: 160 sxs

Top: 2000' (TS)

Tubing String:

2-3/8" 4.7# J55

Set @ 5766'

Production Liner:

4-1/2" 10.5# J55

Set @ 3418'-5828'

Cement: 240 sxs

Top: Circ Inr top

Formation Tops:

Ojo Alamo	0
Kirtland	0
Fruitland	0
Pictured Cliffs	3300'
Lewis	0
Cliffhouse	5063'
Menefee	0
Point Lookout	5505'

Lewis Perfs:

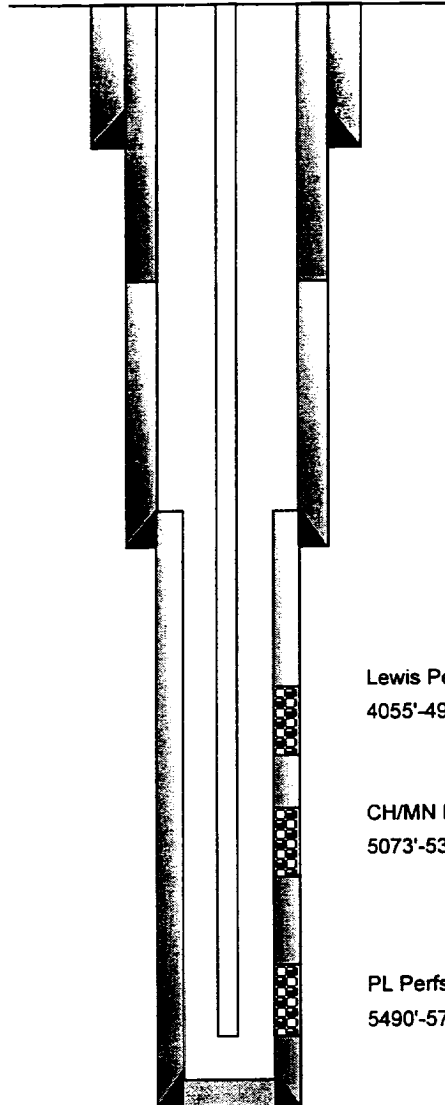
4055'-4925'

CH/MN Perfs:

5073'-5360'

PL Perfs:

5490'-5791'



TD: 5828'

PBTD: 5811'

PERTINENT DATA SHEET
9/16/98

WELLNAME: Howell K # 3A		DP NUMBER: 47980A	
WELL TYPE: Blanco Mesaverde		PROP. NUMBER:	
		ELEVATION:	DF 6446' GL 6436'
LOCATION: 1630 FSL, 1030 FEL Unit I, Sec. 15. T30N, R08W San Juan County, NM		INITIAL POTENTIAL: 2,941 MCFD	
		INITIAL SITP: 633 psi	
OWNERSHIP: MW GWI: 100.00% NRI: 86.50% SJBT: 0.00%		DRILLING: SPUD DATE: 2/21/75 COMPLETED: 4/29/75 TOTAL DEPTH: 5828' PBTD: 5811'	
CASING RECORD:			
HOLE SIZE	SIZE	WEIGHT	GRADE DEPTH EQUIP. CEMENT TOC
12-1/4"	9-5/8"	36#	K55 221' Casing 190 sxs Circ to Surface
8-3/4"	7"	20#	J55 3575' Casing 160 sxs 2000' (TS)
6-1/4"	4-1/2"	10.5#	J55 3418'-5828' Casing 240 sxs Circ Inr top
	2-3/8"	4.7#	J55 5766' Tubing
FORMATION TOPS:			
Ojo Alamo		Menefee	
Kirtland		Point Lookout 5505'	
Fruitland Coal		Mancos	
Pictured Cliffs 3300'		Gallup	
Lewis		Greenhorn	
Huerfanito Bentonite		Graneros	
Cliffhouse 5063'			
LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey			
PERFORATIONS			
PL	5490'-5791'		
CH/MN	5073'-5360'		
Lewis	4055'-4925'		
STIMULATION:			
PL	Frac w/ 138K gal. water, 112K # sand		
CH	Frac w/ 43K gal. water, 40K # sand		
Lewis	Frac w/ 154K gal gel, 200K # sand		
MN	Frac w/ 95K gal. 30# Xlink gel, 250K # sand		
WORKOVERS: None			
PRODUCTION:		RESERVE INFORMATION:	
	MV		MV
Cumulative	4,854 MMCF	Gross EUR	7,718 MMCF
Current	794 MCFD	Gross Remaining Reserves	2,864 MMCF
PIPELINE: El Paso Natural Gas			