

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- 1. Type of Well
GAS
- 2. Name of Operator
- 3. Address & Phone No. of Operator
- 4. Location of Well, Footage, Sec., T, R, M
- 5. Lease Number
SF-078385-A
- 6. If Indian, All. or Tribe Name
- 7. Unit Agreement Name

BURLINGTON RESOURCES OIL & GAS COMPANY

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

1060' FSL 1805' FEL, Sec. 34, T-30-N, R-8-W, NMPM

RECEIVED
OCT 16 1998
OIL CON. DIV.
DIST. 3

Well Name & Number
Howell L #4A
API Well No.
30-045-21783
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	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> 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.

SECRET - 1 PM 8:00
OCT 16 1998

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

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

(This space for Federal or State Office use)
APPROVED BY Chip Hanaden 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.

BURLINGTON RESOURCES

Date: 9/23/98

Howell L # 4A TDT Logging Procedure

General Well Data:

Well Name: Howell L # 4A
Location: O Sec. 34, T30N, R08W
County, State: San Juan County, New Mexico
Formation: Pictured Cliffs

LAT : 36° 45.85'
LONG : 107° 39.57'

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.

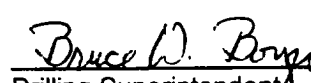
1. MIRU. Blow down ~~casing~~ ^{well}. Kill well with 2% KCl. ND WH. NU BOP.
2. Pick up 2-3/8" tbg and tag PBTD at 5576'. TOOH (SN @ 5506'). Visually inspect.
3. RU wireline unit. Run 7" gauge ring to top of liner at 3187'. POOH with gauge ring.
4. TIH with 7" RBP. Set RBP in 7" casing at 3175'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3160' to 2160'. 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

 9-28-98
Drilling Superintendent

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Howell L # 4A

Unit O, Sec. 34, T30N, R08W
 1060 FSL, 1805 FEL
 San Juan County, NM

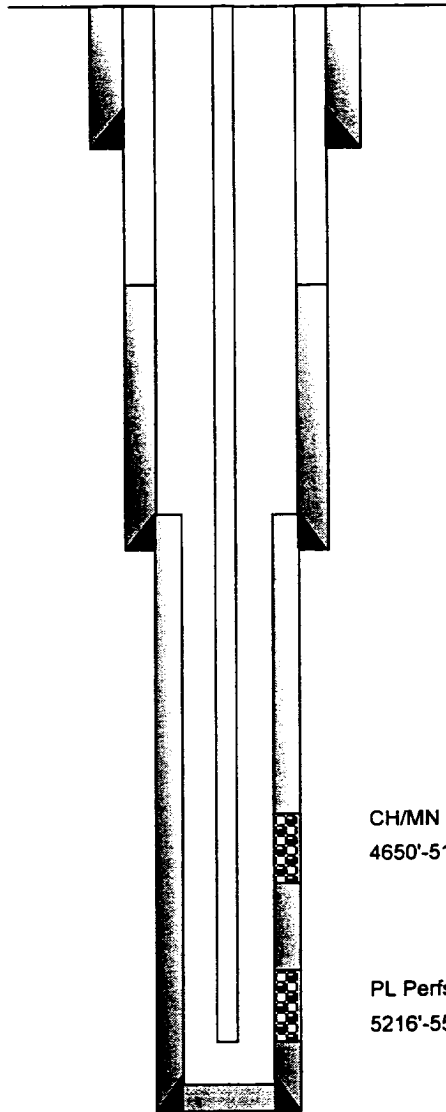
GL: 6285' KB: 6297'
 SPUD: 2/20/76

Surface Casing:
 9-5/8" 32.3# H40
 Set @ 221'
 Cement: 190 sxs
 Top: Circ to Surface

Intermediate Casing:
 7" 23# K55
 Set @ 3348'
 Cement: 160 sxs
 Top: 1450' (TS)

Tubing String:
 2-3/8" 4.7# J55
 Set @ 5543'

Production Liner:
 4-1/2" 10.23# X52
 Set @ 3187'-5593'
 Cement: 236 sxs
 Top: Circ Inr top



Formation Tops:	
Ojo Alamo	0
Kirtland	0
Fruitland	0
Pictured Cliffs	3070'
Lewis	0
Cliffhouse	0
Menefee	0
Point Lookout	5210'

CH/MN Perfs:
 4650'-5103'

PL Perfs:
 5216'-5567'

TD: 5593'
 PBTD: 5576'

PERTINENT DATA SHEET
9/16/98

WELLNAME: Howell L # 4A		DP NUMBER: 47988A					
		PROP. NUMBER:					
WELL TYPE: Blanco Mesaverde		ELEVATION:	DF 6297' GL 6285'				
LOCATION: 1060 FSL, 1805 FEL Unit O, Sec. 34, T30N, R08W San Juan County, NM		INITIAL POTENTIAL:	2,857 MCFD				
		INITIAL SITP:	614 psi				
OWNERSHIP:	MV GWI: 100.00% NRI: 83.50% SJBT: 0.00%	DRILLING:	SPUD DATE: 2/20/76 COMPLETED: 6/22/76 TOTAL DEPTH: 5593' PBD: 5576'				
CASING RECORD:							
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
12-1/4"	9-5/8"	32.3#	H40	221'	Casing	190 sxs	Circ to Surface
8-3/4"	7"	23#	K55	3348'	Casing	160 sxs	1450' (TS)
6-1/4"	4-1/2"	10.23#	X52	3187'-5593'	Casing	236 sxs	Circ Inr top
	2-3/8"	4.7#	J55	5543'	Tubing	SN @ 5506'	
FORMATION TOPS:							
	Ojo Alamo				Menefee		
	Kirtland				Point Lookout	5210'	
	Fruitland Coal				Mancos		
	Pictured Cliffs		3070'		Gallup		
	Lewis				Greenhorn		
	Huerfanito Bentonite				Graneros		
	Cliffhouse		4680'				
LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey							
PERFORATIONS PL		5216'-5567'					
CH/MN		4650'-5103'					
STIMULATION:		PL Frac w/ 105K gal. water, 48K # sand					
		CH/MN Frac w/ 105K gal. water, 50K # sand					
WORKOVERS: None							
PRODUCTION:		MV		RESERVE INFORMATION:		MV	
Cumulative	2,638	MMCF		Gross EUR	4,003	MMCF	
Current	364	MCFD		Gross Remaining Reserves	1,366	MMCF	
PIPELINE: El Paso Natural Gas							