

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

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

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

3. Address & Phone No. of Operator

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

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

800' FSL 1655' FEL, Sec. 1, T-29-N, R-8-W, NMPM

5. Lease Number

SF-078596

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Howell C #1A

9. API Well No.

30-045-21778

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

(This space for Federal or State Office use)

APPROVED BY Chp Kanaden Title Acting Team Leader 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 C # 1A TDT Logging Procedure

General Well Data:

Well Name: Howell C # 1A
Location: O Sec. 1. T29N, R08W
County, State: San Juan County, New Mexico
Formation: Pictured Cliffs

LAT: 36° 44.95'
LONG: 107° 37.43'

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.

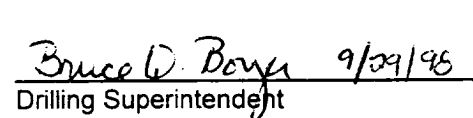
1. MIRU. Blow down ~~casing~~
well. Kill well with 2% KCl. ND WH. NU BOP.
2. Pick up 2-3/8" tbg and tag PBTD at 5549'. TOOH (SN @ 5497'). Visually inspect.
3. RU wireline unit. Run 7" gauge ring to top of liner at 3125'. POOH with gauge ring.
4. TIH with 7" RBP. Set RBP in 7" casing at 3115'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3100' to 2100'. 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:

 9-23-98
Production Engineer

Approval:

 9/23/98
Regional Engineer

 9/29/98
Drilling Superintendent

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Howell C # 1A

Unit O, Sec. 1, T29N, R08W

800 FSL, 1655 FEL

San Juan County, NM

GL: 6208' KB: 6218'

SPUD: 8/17/76

Surface Casing:

9-5/8" 40# N80

Set @ 209

Cement: 190 sxs

Top: Circ to Surface

Intermediate Casing:

7" 20# K55

Set @ 3273'

Cement: 160 sxs

Top: 2175' (TS)

Tubing String:

2-3/8" 4.7# J55

Set @ 5529'

Production Liner:

4-1/2" 10.5# K55

Set @ 3125'-5566'

Cement: 425 ft^3

Top: Circ lnr top

Formation Tops:

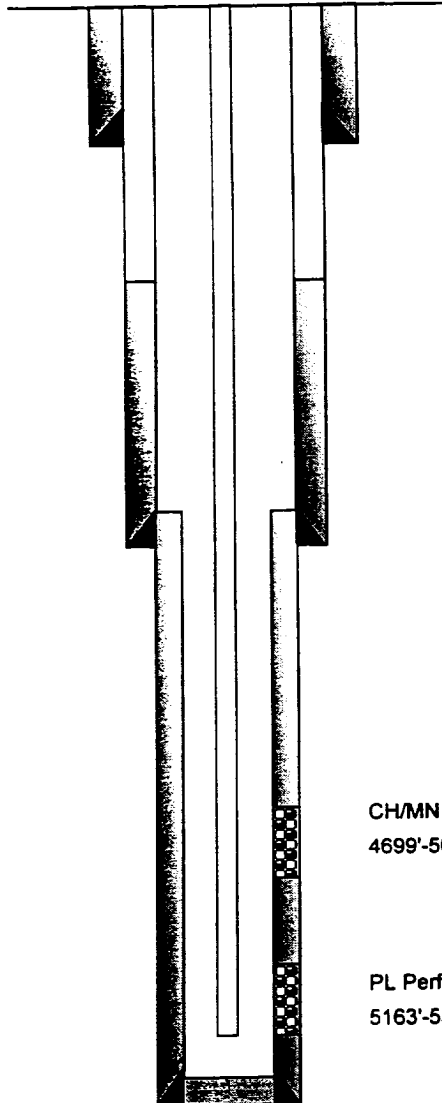
Ojo Alamo	1935'
Kirtland	2120'
Fruitland	2675'
Pictured Cliffs	2985'
Lewis	3085'
Cliffhouse	4690'
Menefee	4769'
Point Lookout	5155'

CH/MN Perfs:

4699'-5083'

PL Perfs:

5163'-5521'



TD: 5566'

PBTD: 5549'

PERTINENT DATA SHEET
9/15/98

WELLNAME: Howell C # 1A				DP NUMBER: 45956A			
				PROP. NUMBER:			
WELL TYPE: Blanco Mesaverde				ELEVATION: DF 6218' GL 6208'			
LOCATION: 800 FSL, 1655 FEL Unit O, Sec. 1, T29N, R08W San Juan County, NM				INITIAL POTENTIAL: 3,733 MCFD			
				INITIAL SITP: 721 psi			
OWNERSHIP: <u>MV</u> GWI: 100.00% NRI: 86.00% SJBT: 0.00%				DRILLING: SPUD DATE: 8/17/76 COMPLETED: 10/18/76 TOTAL DEPTH: 5566' PBTD: 5549'			
CASING RECORD:							
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
12-1/4"	9-5/8"	40#	N80	209'	Casing	190 sxs	Circ to Surface
8-3/4"	7"	20#	K55	3273'	Casing	160 sxs	2175' (TS)
6-1/4"	4-1/2"	10.5#	K55	3125'-5566'	Casing	425 ft^3	Circ Inr top
	2-3/8"	4.7#	J55	5529'	Tubing	SN @ 5680'-5497'	
FORMATION TOPS:							
	Ojo Alamo	1935'		Menefee	4769'		
	Kirtland	2120'		Point Lookout	5155'		
	Fruitland Coal	2675'		Mancos			
	Pictured Cliffs	2985'		Gallup			
	Lewis	3085'		Greenhorn			
	Huerfano Bentonite			Graneros			
	Cliffhouse	4690'					
LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey							
PERFORATIONS PL 5163'-5521'							
CH/MN 4699'-5083'							
STIMULATION: PL Stimulated in one stage							
CH/MN Frac w/ 258K gal. water, 118K # sand							
WORKOVERS: None							
PRODUCTION: <u>MV</u>				RESERVE INFORMATION: <u>MV</u>			
Cumulative	2,638	MMCF		Gross EUR	3,981	MMCF	
Current	400	MCFD		Gross Remaining Reserves	1,343	MMCF	
PIPELINE: El Paso Natural Gas							