

~~93001-1 PM 2:59~~

070 15-00000-0000, 1941

5. **Lease Number**
NM-0558144

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

7. **Unit Agreement Name**

OIL & GAS COMPANY

RECEIVED
OCT 4 1998

06701 4 1998

OIL CON. DIV.
NMPM
DIST. 3

8. Well Name & Number
Trail Canyon #1

9. API Well No.
30-045-20487

10. Field and Pool
Blanco Mesaverde

11. County and State
San Juan Co, NM

Type of Action

Abandonment

Change of Plans

Recompletion

New Construction

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut off

Altering Casing

Conversion to Injection

X Other - TDT Logging

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

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

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title _____ Date OCT - 8 1998

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.

NMOC

BURLINGTON RESOURCES

Date: 9/23/98

Trail Canyon # 1 TDT Logging Procedure

General Well Data:

Well Name: Trail Canyon # 1
Location: M Sec. 21, T32N, R08W
County, State: San Juan County, New Mexico
Formation: Pictured Cliffs

LAT : 36° 57.89'
LONG: 107° 41.13'

Project Overview:


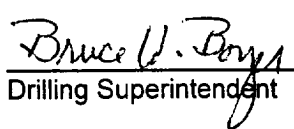
This well is part of the 1999 TDT logging program. This program consists of 18 wells in the north east quarter of the basin that will be logged with Schlumberger's cased hole TDT tool. This tool will provide useful information to be used to evaluate the Pictured Cliffs formation in areas where there 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 ^{1 1/2"}~~2-3/8"~~ tbg and tag PBTD at 8051'. TOOH (No seating nipple). Visually inspect.
3. RU wireline unit. Run 7" gauge ring to top of liner at 3684'. POOH with gauge ring.
4. TIH with 7" RBP. Set RBP in 7" casing at 3675'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3665' to 2665'. 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" ^{1 1/2"}~~2-3/8"~~ tbg and clean out to PBTD. TOOH.
8. Run production tbg string as follows: expendable check, one joint ^{1 1/2"}~~2-3/8"~~ tubing, ~~1 1/2"~~ 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  9-23-98
Regional Engineer Drilling Superintendent

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Trail Canyon # 1

Unit M, Sec. 21, T32N, R08W

990 FSL, 990 FWL

San Juan County, NM

GL: 6674 KB: 6686

SPUD: 5/17/69

Surface Casing:

10-3/4" 32.75# 0:00

Set @ 323

Cement: 300 sxs

Top: Circ to Surface

Intermediate Casing:

7-5/8" 26.4# J55

Set @ 3796'

Cement: 650 sxs

Top: Circ to Surface

Tubing String:

1-1/2" 2.9# J55

Set @ 5948'

Cement retainer @ 8051'

P&A with 150 sxs

Production Liner:

4-1/2" 11.6# J55

Set @ 3684'-8350'

Cement: 480 sxs

Top: 3684'

Formation Tops:

Ojo Alamo	0
Kirtland	0
Fruitland	0
Pictured Cliffs	3595'
Lewis	0
Cliffhouse	0
Menefee	0
Point Lookout	0

CH/MN Perfs:

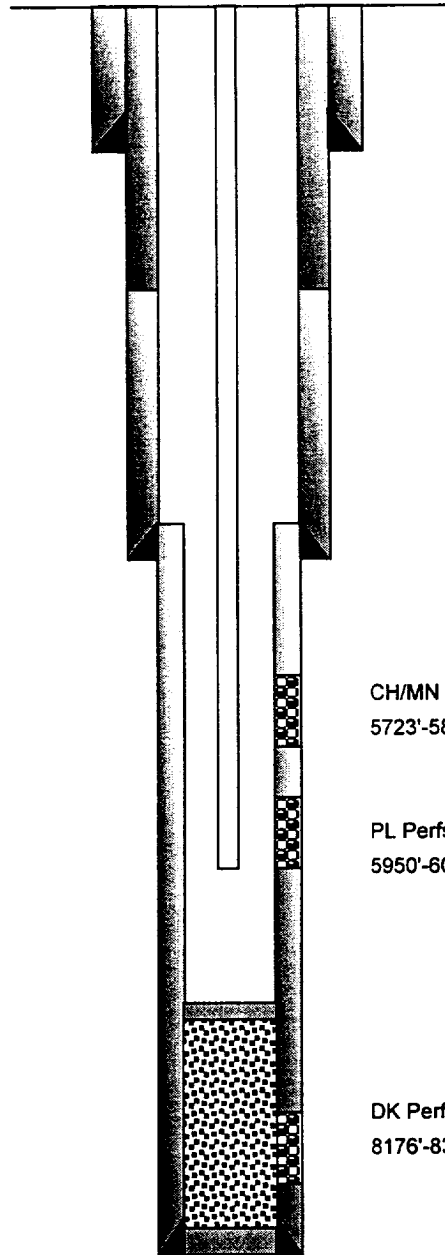
5723'-5863'

PL Perfs:

5950'-6048'

DK Perfs:

8176'-8318', DK P&A'd



TD: 8051'
PBTD: 8051'

PERTINENT DATA SHEET

9/16/98

WELLNAME: Trail Canyon # 1				DP NUMBER: 75597			
WELL TYPE: Blanco Mesaverde				PROP. NUMBER:			
LOCATION: 990 FSL, 990 FWL Unit M, Sec. 21, T32N, R08W San Juan County, NM				ELEVATION: DF 6686'			
				GL 6674'			
				INITIAL POTENTIAL: 1,939 MCFD			
				INITIAL SITP: 699 psi			
OWNERSHIP: <u>MV</u> GWI: 25.00% NRI: 21.88% SJBT: 0.00%				DRILLING: SPUD DATE: 5/17/69 COMPLETED: 7/1/69 TOTAL DEPTH: 8051' PBTD: 8051'			
CASING RECORD:							
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>
12-1/4"	10-3/4"	32.75#		323'	Casing	300 sxs	Circ to Surface
8-3/4"	7-5/8"	26.4#	J55	3796'	Casing	650 sxs	Circ to Surface
6-1/4"	4-1/2"	11.6#	J55	3684'-8350'	Casing	480 sxs	3684'
	1-1/2"	2.9#	J55	5948'	Tubing	Sqz LT with 100 sxs	
FORMATION TOPS:							
Ojo Alamo				Menefee			
Kirtland				Point Lookout			
Fruitland Coal				Mancos			
Pictured Cliffs 3595'				Gallup			
Lewis				Greenhorn			
Huerfano Bentonite				Graneros			
Cliffhouse							
LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey							
PERFORATIONS							
PL	5950'-6048'						
CH/MN	5723'-5863'						
Dakota	8176'-8318', DK P&A'd						
STIMULATION:							
PL	Stimulated in one stage						
CH/MN	Frac w/ 152K gal. water, 100K # sand						
Dakota	P&A'd						
WORKOVERS: None							
PRODUCTION: <u>MV</u>							
Cumulative	325	MMCF	RESERVE INFORMATION: <u>MV</u>		382	MMCF	
Current	18	MCFD	Gross EUR		57	MMCF	
			Gross Remaining Reserves				
PIPELINE: El Paso Natural Gas							