

1. Type of Well

GAS

5. Lease Number

SF-078511

6. If Indian, All. or

Tribe Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

RECEIVED
OCT 14 1998

Unit Agreement Name

3. Address & Phone No. of Operator

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

OIL CON. DIV.
DIST. 3

Well Name & Number

Quinn #4A

9. API Well No.

30-045-24347

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

I 1600' FSL 945' FEL, Sec. 19, T-31-N, R-8-W, NMPM

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

<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.

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

Signed Vanessa K. Weber (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.

NMOCD

BURLINGTON RESOURCES

Date: 9/23/98

Quinn # 4A
TDT Logging Procedure

General Well Data:

Well Name: Quinn # 4A

LAT: 36° 52.84'

Location: I Sec. 19, T31N, R08W

County, State: San Juan County, New Mexico

LONG: 107° 42.61'

Formation: Pictured Cliffs

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.

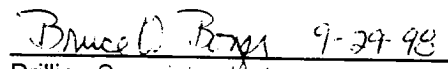
1. MIRU. Blow down casing. Kill well with 2% KCl. ND WH. NU BOP.
2. Pick up 2-3/8" tbg and tag PBTD at 7730'. TOOH (SN @ 6054'). Visually inspect.
3. RU wireline unit. Run 7-5/8" gauge ring to top of liner at 3495'. POOH with gauge ring.
4. TIH with 7-5/8" RBP. Set RBP in 7-5/8" casing at 3480'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3470' to 2470'. 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:


Regional Engineer 9/23/98


Drilling Superintendent 9-24-98

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Quinn # 4A

Unit I, Sec. 19, T31N, R08W

1600 FSL, 945 FEL

San Juan County, NM

GL: 6471' KB: 6484'

SPUD: 7/1/80

Surface Casing:
10-3/4" 32.75# H40
Set @ 306'
Cement: 250 sxs
Top: Circ to Surface

Intermediate Casing:
7-5/8" 26.4# J55
Set @ 3626'
Cement: 350 sxs
Top: 1550' (TS)

Tubing String:
2-3/8" 4.7# J55
Set @ 6084'

Cement retainer @ 7730'
P&A with 59 ft^3

Production Liner:
5-1/2" 15.5# K55
Set @ 3495'-8011'
Cement: 500 sxs
Top: 3495'

Formation Tops:

Ojo Alamo	2105'	
Kirtland		0
Fruitland	3060'	
Pictured Cliffs	3364'	
Lewis		0
Cliffhouse	5211'	
Menefee		0
Point Lookout	5604'	

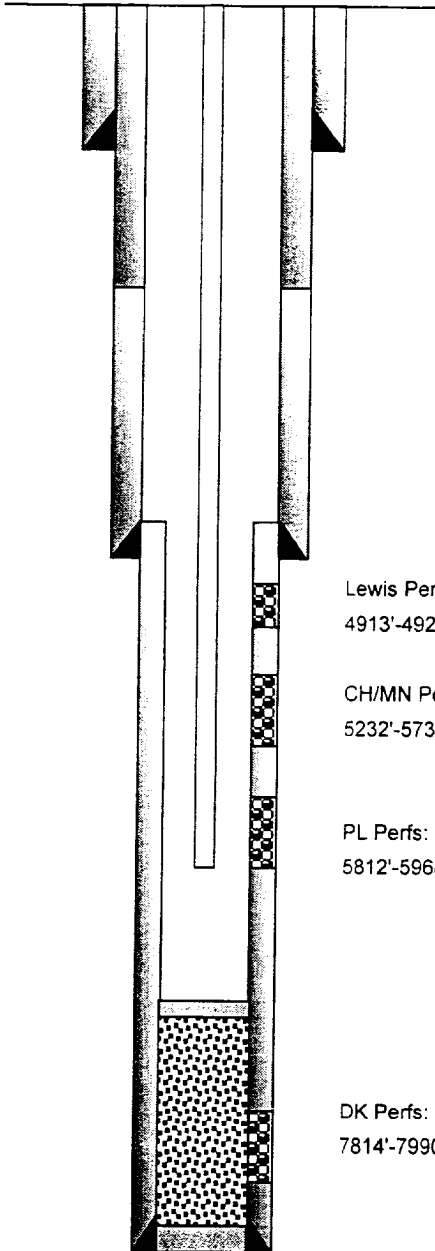
Lewis Perfs:
4913'-4922'

CH/MN Perfs:
5232'-5735'

PL Perfs:
5812'-5968'

DK Perfs:
7814'-7990', P&A'd 1983

TD: 8045'
PBTD: ~~6410'~~
7730'



WELLNAME: Quinn # 4A				DP NUMBER: 32269A			
				PROP. NUMBER:			
WELL TYPE: Blanco Mesaverde				ELEVATION: DF 6484' GL 6471'			
LOCATION: 1600 FSL, S45 FEL Unit I, Sec. 19, T31N, R08W San Juan County, NM				INITIAL POTENTIAL: 1,120 MCFD			
				INITIAL SITP: 489 psi			
OWNERSHIP: <u>MV</u> GWI: 75.00% NRI: 64.38% SJB: 0.00%				DRILLING: SPUD DATE: 7/1/80 COMPLETED: 12/12/80 TOTAL DEPTH: 8045' PBD: 6110' 7730'			
CASING RECORD:							
HOLE SIZE	SIZE	WEIGHT	GRADE	DEPTH	EQUIP.	CEMENT	TOC
12-1/4"	10-3/4"	32.75#	H40	306'	Casing	250 sxs	Circ to Surface
8-3/4"	7-5/8"	26.4#	J55	3626'	Casing	350 sxs	1550' (TS)
6-1/4"	5-1/2"	15.5#	K55	3495'-8011'	Casing	500 sxs	3495'
	2-3/8"	4.7#	J55	6084'	Tubing	SN @ 6054'	
FORMATION TOPS:							
	Ojo Alamo		2105'		Menefee		
	Kirtland				Point Lookout	5604'	
	Fruitland Coal		3060'		Mancos		
	Pictured Cliffs		3364'		Gallup		
	Lewis				Greenhorn		
	Huerfano Bentonite				Graneros		
	Cliffhouse		5211'				
LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey							
PERFORATIONS PL 5812'-5968'							
CH/MN 5232'-5735'							
Dakota 7814'-7990', P&A'd 1983							
Lewis 4913'-4922'							
STIMULATION: PL Frac w/ 71K gal. water, 43K # sand							
CH/MN Frac w/ 70K gal. water, 85K # sand							
Dakota P&A'd							
Lewis Frac w/ 56K gal. Gel water, 56K # sand							
PRODUCTION: <u>MV</u>							
Cumulative	425	MMCF	RESERVE INFORMATION: <u>MV</u>				
Current	51	MCFD	Gross EUR		614	MMCF	
			Gross Remaining Reserves		188	MMCF	
PIPELINE: El Paso Natural Gas							