

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-078580

6. If Indian, All. or
Tribe Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

RECEIVED
OCT 19 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

Howell A #1A

9. API Well No.
30-045-21729

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

1682' FSL 990' FEL, Sec. 8, T-30-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

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

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
☒ 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.

RECEIVED
OCT 19 1998
FBI 3:05

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

Signed Theresa 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 001 15 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

Howell A # 1A TDT Logging Procedure

General Well Data:

Well Name: Howell A # 1A

LAT : 36° 49.38'

Location: 1 Sec. 8, T30N, R08W

County, State: San Juan County, New Mexico

LONG : 107° 41.53'

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.

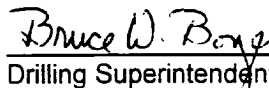
1. MIRU. Blow down ~~casing~~
well. Kill well with 2% KCl. ND WH. NU BOP.
2. Pick up 2-3/8" tbg and tag PBTD at 5767'. TOOH (SN @ 5629'). Visually inspect.
3. RU wireline unit. Run 7" gauge ring to top of liner at 3295'. POOH with gauge ring.
4. TIH with 7" RBP. Set RBP in 7" casing at 3285'. Load hole with 50 Bbls 2% KCl. TOOH.
5. RU Schlumberger to run TDT log. Log from 3270' to 2270'. 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" ^{3 Bbl} 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

 9-24-98
Drilling Superintendent

Bobby Goodwin

326-9713 office

564-7096 pager

599-0992 home

Howell A # 1A

Unit I, Sec. 8, T30N, R08W

1682 FSL, 990 FEL

San Juan County, NM

GL: 6387' KB: 6398'

SPUD: 4/22/75

Surface Casing:

9-5/8" 36# K55

Set @ 208'

Cement: 190 sxs

Top: Circ to Surface

Intermediate Casing:

7" 23# K55

Set @ 3465'

Cement: 175 sxs

Top: 1600' (TS)

Tubing String:

2-3/8" 4.7# J55

Set @ 5665'

Production Liner:

4-1/2" 10.5# K55

Set @ 3295'-5783'

Cement: 235 sxs

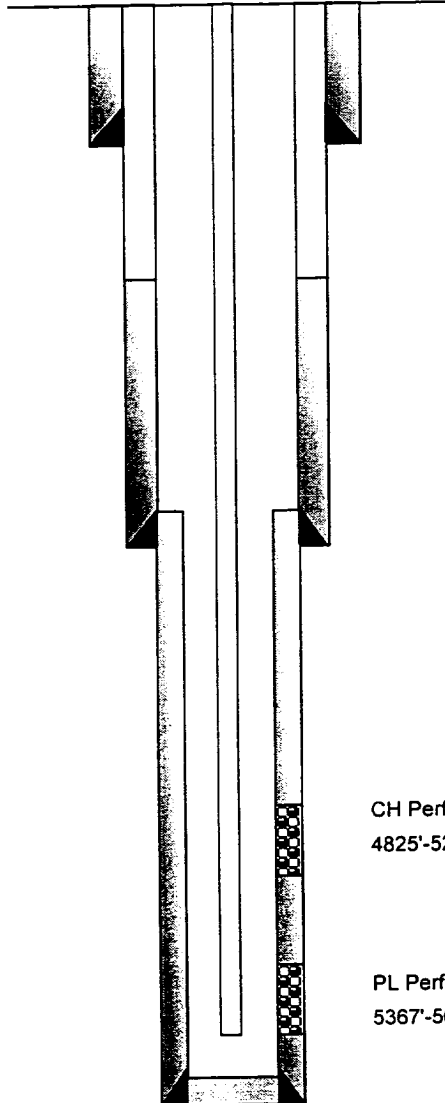
Top: Circ lnr top

Formation Tops:

| | |
|-----------------|-------|
| Ojo Alamo | 0 |
| Kirtland | 0 |
| Fruitland | 0 |
| Pictured Cliffs | 3165' |
| Lewis | 0 |
| Cliffhouse | 4916' |
| Menefee | 0 |
| Point Lookout | 5348' |

CH Perfs:
4825'-5259'

PL Perfs:
5367'-5681'



TD: 5783'
PBD: 5767'

PERTINENT DATA SHEET
9/16/98

| WELLNAME: Howell A # 1A | DP NUMBER: 47938A PROP. NUMBER: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|-----------------------------|-----------|------------|-----------------|-----------|---------------|---------|-------------|--------------------------|---------------|--------|---------|-----------------|--------|----|-----|-----|-------|--------|---------|------------|--------|--------|-------|-----|-------------|--------|---------|--------------|--|--------|------|-----|-------|--------|--|--|--|
| WELL TYPE: Blanco Mesaverde | ELEVATION: DF 6398' GL 6387' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: 1682 FSL, 990 FEL Unit I, Sec. 8, T30N, R08W San Juan County, NM | INITIAL POTENTIAL: 2,841 MCFD INITIAL SITP: 659 psi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWNERSHIP: <u>MV</u> GW: 100.00% NRI: 85.50% SJBT: 0.00% | DRILLING: SPUD DATE: 4/22/75 COMPLETED: 11/5/75 TOTAL DEPTH: 5783' PBTD: 5767' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING RECORD: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>12-1/4"</td> <td>9-5/8"</td> <td>36#</td> <td>K55</td> <td>208'</td> <td>Casing</td> <td>190 sxs</td> <td>Circ to Surface</td> </tr> <tr> <td>8-3/4"</td> <td>7"</td> <td>23#</td> <td>K55</td> <td>3465'</td> <td>Casing</td> <td>175 sxs</td> <td>1600' (TS)</td> </tr> <tr> <td>6-1/4"</td> <td>4-1/2"</td> <td>10.5#</td> <td>K55</td> <td>3295'-5783'</td> <td>Casing</td> <td>235 sxs</td> <td>Circ Inr top</td> </tr> <tr> <td></td> <td>2-3/8"</td> <td>4.7#</td> <td>J55</td> <td>5665'</td> <td>Tubing</td> <td></td> <td></td> </tr> </tbody> </table> | HOLE SIZE | SIZE | WEIGHT | GRADE | DEPTH | EQUIP. | CEMENT | TOC | 12-1/4" | 9-5/8" | 36# | K55 | 208' | Casing | 190 sxs | Circ to Surface | 8-3/4" | 7" | 23# | K55 | 3465' | Casing | 175 sxs | 1600' (TS) | 6-1/4" | 4-1/2" | 10.5# | K55 | 3295'-5783' | Casing | 235 sxs | Circ Inr top | | 2-3/8" | 4.7# | J55 | 5665' | Tubing | | | |
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| FORMATION TOPS: <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"> Ojo Alamo Kirtland Fruitland Coal Pictured Cliffs 3165' Lewis Huerfanito Bentonite Cliffhouse 4916' </td> <td style="width:50%;"> Menefee Point Lookout 5348' Mancos Gallup Greenhorn Graneros </td> </tr> </table> | | Ojo Alamo Kirtland Fruitland Coal Pictured Cliffs 3165' Lewis Huerfanito Bentonite Cliffhouse 4916' | Menefee Point Lookout 5348' Mancos Gallup Greenhorn Graneros | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LOGGING: GR/Density Neutron/Induction/Sidewall Neutron/Temperature Survey | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORATIONS PL 5367'-5681' CH/MN 4825'-5259' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STIMULATION: PL Frac w/ 103K gal. water. 80K # sand CH/MN Frac w/ 62K gal. water. 50K # sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WORKOVERS: None | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIPELINE: El Paso Natural Gas | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |