

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

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

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

990' FNL, 990' FWL, Sec. 29, T-30-N, R-8-W, NMPM

5. Lease Number

NM-012708

6. If Indian, All. or  
Tribe Name

Unit Agreement Name

8. Well Name & Number

Howell E #1A

9. API Well No.

30-045-21719

10. Field and Pool

Blanco MV/Blanco PC

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

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Commingle

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to down-hole commingle the subject well according to the attached procedure and wellbore diagram. DHC Order #1897 has been received.

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

Signed *Duane W. Spencer* (MEL) Title Regulatory Administrator Date 7/6/98

VKH

(This space for Federal or State Office use)

APPROVED BY */s/ Duane W. Spencer* Title

Date JUL 17 1998

CONDITION OF APPROVAL, if any:

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

NMOC

DHC-1897

**Howell E #1A**  
**Blanco PC/Blanco MV**  
**990' FNL, 990' FWL**  
**Unit D, Section 29, T-30-N, R-8-W**  
**Latitude / Longitude: 36° 47.19' / 107° 42.10'**  
**DPNO: 47959B PC/47959A MV**  
**Recommended Commingle Procedure 5/22/98**

1. Hold safety meeting. Comply with all NMOC, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS.** Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. Pictured Cliffs 1-1/4" tubing set at 2603'. TOO H with 1-1/4" tubing. Mesaverde 2-3/8" tubing set at 5120'. Pick straight up on 2-3/8" tubing to release Baker Model "G-22" S.A. from the Baker Model "F" packer. TOO H with 2-3/8" tubing and LD seal assembly. Check tubing for scale build up and notify Operations Engineer. Visually inspect tubing for corrosion and replace any bad joints.
4. TIH with 2-3/8" tubing and Baker Model "CJ" packer milling tool to recover the Baker Model "F" packer. Mill on packer with air/mist (minimum rate of 12 bbl/hr). TOO H with packer.
5. If casing requires clean out, TIH with bit and bit sub and CO to PBTD (5158') prior to running casing scraper. Roundtrip casing scraper and bit to below perforations. (Do not clean out with casing scraper.) PU above perforations and flow the well naturally, making short trips for clean up when necessary. TOO H.
6. TIH with 2-3/8", 4.7#, J-55 tubing with a notched expendable check on bottom, SN (one joint off bottom), then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. CO to 5158' with air/mist (minimum rate of 12 bbl/hr).
7. Land tubing ±5070'. ND BOP and NU wellhead. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to SN. RD and MOL. Return well to production.

Recommended: M.E. Lutey  
Operations Engineer

Approved: Bruce D. Boyer 6-22-99  
Drilling Superintendent

Mary Ellen Lutey  
Office - (599-4052)  
Home - (325-9387)  
Pager - (324-2671)

# Howell E #1A

CURRENT

Blanco Mesaverde / Blanco Pictured Cliffs

990' FNL, 990' FWL,  
NW Section 29, T-30-N, R-8-W, San Juan County, NM  
Latitude/Longitude: 36°47.19' 107°42.10'

Today's Date: 1-5-98  
Spud: 6-4-75  
Completed: 12-20-75  
Elevation: 5865' (GL)  
5876' (KB)  
Logs: IGR, FDC, GR, TS

Workovers: 6/85 - Perf'd & frac'd PC

Ojo Alamo @ 1534'

Kirtland @ 1957'

Fruitland @ 2304'

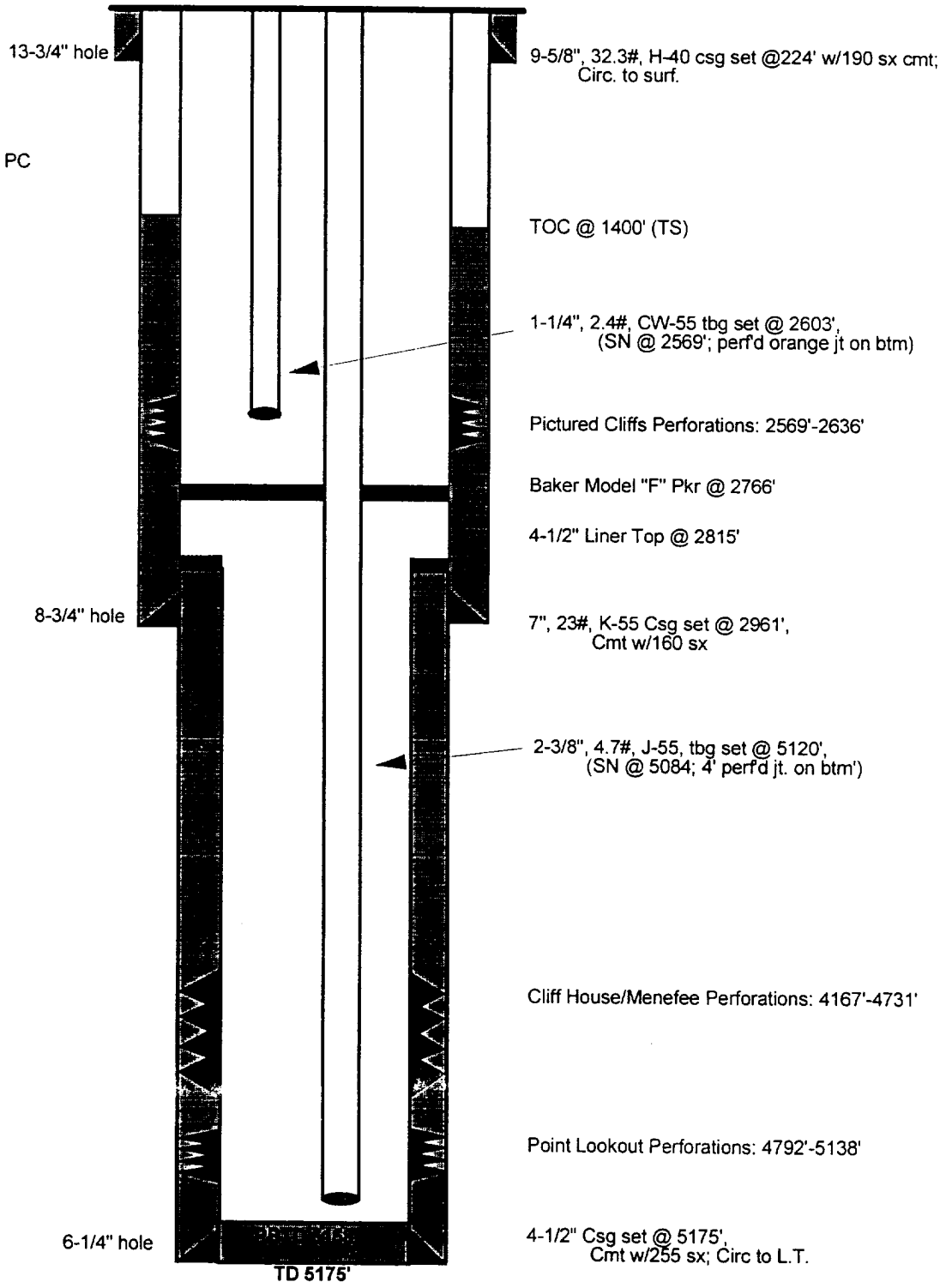
Pictured Cliffs @ 2566'

Chacra @ 3334'

Mesaverde @ 4164'

Menefee @ 4359'

Point Lookout @ 4769'



Initial Potential			Production History	Gas	Oil	Ownership	Pipeline
Initial AOF:	3,130 Mcfd	(6/85)(MV)	Cumulative:	2724.2 MMcf (MV)	16.0 Mbo	GWl:	100.00% (MV)
Initial AOF:	614 Mcfd	(6/85)(PC)	Cumulative:	86.7 MMcf (PC)	1.3 Mbo	NRI:	84.50% (MV)
Current SICP:	201 psig	(4/93)(MV)	Current:	294.5 Mcfd (MV)	0.7 bbls/d	GWl:	100.00% (PC)
Current SICP:	432 psig	(3/93)(DK)	Current:	16.0 Mcfd (PC)	0.2 bbls/d	NRI:	84.50% (PC)

## **CONDITIONS OF APPROVAL:**

Burlington Resources  
Howell E 1A  
990' FNL and 990' FWL  
Section 29-30N-08W

This approval is for the operational activities only.

File your proposed allocation factors for downhole commingling with the Authorized Officer for final approval. Supporting technical data used to determine the allocation factors should include the following:

- Wellbore diagram
- Formation Production Tests
- Gas Analysis, including BTU measurements
- Pressure Data corrected to a common datum
- Any other supporting data

A copy of the same application submitted to the NMOCD is acceptable.