

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on Wells

56 DEC 27 PM 1:25

1. Type of Well
GAS

070 FARMINGTON, NM

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

1500' FNL, 1660' FWL, Sec. 29, T-31-N, R-8-W, NMPM
F

5. Lease Number
SF-078387

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Howell D #2A

9. API Well No.
30-045-21775

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 - Tubing repair

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well and clean out the well according to the attached procedure and wellbore diagram.

RECEIVED
JAN - 6 1997

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (KM5) Title Regulatory Administrator Date 12/17/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

DEC 30 1996

[Signature]
DISTRICT MANAGER

WORKOVER PROCEDURE Tubing Repair/Cleanout

Howell D #2A
Blanco Mesa Verde
1500' FNL, 1660' FWL
Sec. 29, T31N, R08W, San Juan County, NM
Lat: 36°52.320540" Long: 107°42.069420"
(36.872009 - 107.701157)

Project Summary:

The Howell D #2A has a tubing anchor and pump sanded in the well (rods are out). We plan to back off the tubing, wash over the TAC and cleanout to PBTB. The production tubing will then be run below the perforations.

1. Test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and BROGC safety regulations.
2. MIRU daylight pulling unit with air package. Kill well with 2% KCl water, ND WH, NU BOP.
3. Attempt to release TAC and POOH. TAC is most likely sanded in hole. Rig up wireline company and RIH with string shot. Back off 2-3/8" tubing at approximately 5911' (see attached tally), POOH. Note: backing off the tubing is recommended because the wellbore may be dry and a chemical cut might not work. Jet cutting would flare the tubing and require additional dressing for recovery.
4. RIH with mill shoe, wash pipe, drill collars, and jars. Wash over fish (mill over TAC), POOH. RIH and screw into fish, POOH. Utilize overshot if screw-in does not work. Lay down the perforated joint(s) of tubing.
5. RIH with 3-7/8" bit and cleanout to PBTB (6032') with air. POOH.
6. RIH with production tubing: expendable check, 1 jt. tubing, 1.78" ID SN, 2-3/8" production tubing. Hang tubing at approximately 6000' (1 jt. deeper than original setting). ND BOP, NU wellhead. Pump out check and blow well in. RDMO PU. Turn well to production.

Recommended:  12/13/96

Operations Engineer

Approval: _____

Drilling Superintendent

Concur : _____

Production Superintendent

Contacts:	Operations Engineer	Kevin Midkiff	326-9807 564-1653	Office Pager
	Production Foreman	Cliff Brock	326-9818 326-8872	Office Pager

EL PASO NATURAL GAS COMPANY

Last Tubing Tally

PIPE RECORD

FIELD BLANCO MV LEASE HOWELL DWELL NO. 2 A 1/7/77

PIPE TALLY - Show every piece of equipment going into the hole in the order run.															
COLUMN 1		COLUMN 2		COLUMN 3		COLUMN 4		COLUMN 5		COLUMN 6		COLUMN 7		COLUMN 8	
GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.	GRADE	WT.
JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET	JOINT NO.	FEET
30.87	68	31.24		31.50		30.60		31.53		31.59		30.12		31.40	
30.87		31.41		31.58		31.32		31.37		31.58		31.58		30.15	
3.00		31.53		31.42		31.70		30.75		31.54		31.52		29.99	
3.12		31.54		31.66		29.93		31.39		31.53		31.56		31.41	
1.22		31.53		31.55		31.51		31.57		31.58		31.49		30.40	
2.00		30.40		31.49		31.54		31.53		30.65		31.57		31.30	
		31.66		31.48		31.50		31.40		31.46		30.00		29.84	
		31.61		31.34		31.53		31.57		31.46		29.78		31.57	
		31.44		31.60		31.64		31.60		31.45		31.57		31.49	
		31.61		31.57		31.54		31.61		31.61		31.65		10.11	
		31.56		31.60		31.47		31.56		30.57		31.45			
		31.48		31.45		30.63		31.48		30.63		31.24			
		30.49		29.94		31.41		31.57		31.59		31.53			
1.22	SN	30.86		31.65		31.32		31.52		31.43		31.40			
3.12		31.49		31.35		31.32		31.25		31.60		31.59			
3.00		30.48		31.52		31.48		31.60		31.49		30.54			
		30.45		31.56		31.69		31.55		31.36		31.56			
		31.42		30.63		31.63		31.52		31.48		31.40			
30.87		31.44		30.02		31.56		31.60		30.65		30.64			
		31.51		31.50		31.32		31.33		31.46		31.48			
.68		29.98		31.62		31.50		31.58		31.52		31.50			
		30.49		31.33		30.70		31.47		30.60		31.41			
		31.42		31.54		31.53		31.55		31.17		30.20			
		31.46		31.55		31.53		31.57		31.45		31.55			
		31.59		31.55		31.60		31.33		31.46		31.55			
		31.45		31.60		31.50		31.57		31.52		30.94			
		31.48		31.67		31.58		31.56		30.55		31.49			
		31.50		31.55		31.38		31.55		31.58		31.54			
		31.41		30.36		31.50		31.63		31.50		31.61			
		31.47		31.60		31.44		31.60		31.45		31.48			
TO	40.89	937.40		940.78		941.90		944.71		939.51		936.94		287.66	
Jts. on rack before running						Jts. left on rack after running						No. Jts. run 190 + 1 PUP			
COLUMN NO.	ITEM		JTS.	O.D.	WEIGHT	GRADE	THREAD	MAKE		FEET					
1	BOTTOM ASSEMBLY		1	2 3/8	4.7	J-55	8 RD			40.89					
2	TUBING		30							937.40					
3	"		30							940.78					
4	"		30							941.90					
5	"		30							944.71					
6	"		30							939.51					
7	"		30							936.94					
8	"		9							287.66					
REMARKS FOUND 31.80' MUD ANCHOR FULL OF SAND. LAID IT DOWN PLUS THE JOINT 31.78' ABOVE SN AND PICKED UP TWO JOINTS 30.87' AND 10.11'.										TOTAL					
SN SET @ 5941.90' TUB. ANCHOR @ 5943.12'.										JOINTS NOT RUN					
PERF @ 5946.24'										CUT OFF					
										TOTAL		5969.79			
										TOP ROTARY DRIVE BUSHING TO TOP OF CASINGHEAD FLANGE		11.00			
										SET AT		5980.79			
										CO. REP.		J.B. Grant			

PERTINENT DATA SHEET
12/13/96

WELLNAME: Howell D #2A				DP NUMBER: 47930A PROP. NUMBER: 072250400			
WELL TYPE: Blanco Mesa Verde				ELEVATION: GL 6524' KB 6536			
LOCATION: 1500' FNL, 1660' FWL Sec. 29, T31N, R08W San Juan County, NM Lat/Long: 36.872009 - 107.701157				INITIAL POTENTIAL: 7307 MCFD Gauge INITIAL SICP: 659 Psig 243			
OWNERSHIP: GWI: 100.0000% NRI: 83.5000% SJBT: 0.0000%				DRILLING: SPUD DATE: 6/3/75 COMPLETED: 8/28/75 TOTAL DEPTH: 6048' COTD: 6032'			
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>
13-3/4"	9-5/8"	32.3#	K55	210'	Casing	190 sxs	Circ to Surface
8-3/4"	7"	23#	K55	3707'	Casing	160 sxs	1900' (TS)
6-1/4"	4-1/2"	10.23#/10.5#	K55	3553'-6048'	Liner	265 sxs	3553' (Circ
	2-3/8"	4.7#	J55, EUE	5981'	Tubing	Tbg. from btm.: Tapped bull plug, MA, 3' perf sub, tubing anchor, SN, 189 jts tbg., 1-10' tbg. sub.	
Pump & TAC sanded in hole, rods have been removed.							
FORMATION TOPS:		Mesa Verde		5239'			
		Point Lookout		5629'			
LOGGING: IND/CDL/GR/TS							
PERFORATIONS		Pt. Lookout 5639', 5676', 5698', 5710', 5723', 5746', 5773', 5845', 5879', 5898', 5930', 5956', 5969', 5992'					
		CH/Menefee 5261', 5284', 5332', 5347', 5358', 5376', 5398', 5418', 5448', 5478', 5510', 5520'					
STIMULATION:		Pt. Lookout Acidize w/1500 gal. 15% HCl. Frac w/26,000 gal. wtr. and 10,000# 100 mesh sand followed by 103,000 gal. wtr. and 105,000# 20/40 sand.					
		CH/Menefee Acidize w/1200 gal. 15%HCl. Frac w/126,000 gal. wtr. and 110,000# 20/40 sand.					
WORKOVER HISTORY:		12/3/76 Ran pump and rods 1/6/77 Pull rods and pump. Pull tbg (MA & 1 jt. full of sand). Ran tbg. (with TA), ran pump. 1/31/77 Tried to pull pump. Pulled 2 ponies and 1 rod when pump hung up. Fished rods. Left pump in well with pull rod looking up. Could not release tubing anchor. Perf tbg. @ 5930'					
PRODUCTION HISTORY:		<u>Gas</u>	<u>Oil</u>	RESERVE INFORMATION:		<u>Gas</u>	<u>Oil</u>
Cumulative as of 1996:		2131 MMCF	19334 BO	Gross EUR		4158 MMCF	39,594 BO
Current as of 9/96:		350 MCFD	2 BOD	Gross Remaining Reserves		2027 MMCF	20,260 BO
PIPELINE:		EPFS					