

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p> <hr/> <p>3. Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 500' FNL, 1970' FWL, Sec. 5, T-26-N, R-10-W, NMPM C</p>	<p>5. Lease Number SF-080895</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name Huerfano Unit</p> <p>8. Well Name &amp; Number Huerfano Unit #287</p> <p>9. API Well No. 30-045-26849</p> <p>10. Field and Pool Angels Peak Gallup/ Basin Dakota</p> <p>11. County and State San Juan Co, NM</p>
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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 checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

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

RECEIVED  
DEC 20 1996  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
96 DEC 17 AM 9:58  
070 FARMINGTON, NM

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

Signed [Signature] (KM2) Title Regulatory Administrator Date 12/11/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**APPROVED**

DEC 17 1996

[Signature]  
DISTRICT MANAGER

**CASING REPAIR  
Huerfano Unit #287  
DPNO: 2798B  
Sec. 5, T26N, R10W  
San Juan County, NM**

**Project Summary:**

The Huerfano Unit # 287 recently (11/17/96) experienced a production drop from 500 MCFD to 0 MCFD. On 12/7/96 we ran a bit and scraper to approximately 1930' and set down hard. In addition, the production tubing came out with drilling mud on bottom. There is a DV tool @ 1936' (KB). Casing failure/collapse is suspected at the DV tool. Casing ID is now between 3.063" (2-3/8" tubing coupling OD) and 3.875" (bit size) at approximately 1930'.

1. Test location rig anchors and replace as necessary. Comply with all NMOCD, BLM, and BROGC safety regulations.
2. MIRU daylight PU. ND wellhead, NU BOP. POOH with tubing. RIH with a casing swage for 4-1/2" 10.5# casing and drill collars. Work through tight spot at 1930' and continue in hole to 5800', POOH. If swage will not pass, then try smaller swage and work up in size. If this does not work, then use a tapered mill to mill through the tight spot. POOH with swage or mill.
3. RIH with RBP to approximately 5400' and set RBP. Dump 100' of sand on RBP. RIH with packer and search for casing leaks. Establish pump-in rate and contact Operations Engineer for squeeze design. Squeeze cement according to design.
4. Drill out cement and pressure test casing. Re-squeeze if necessary.
5. RIH and circulate sand off RBP. Release RBP and POOH.
6. RIH with 3-7/8" bit and cleanout well to 5800' with air (if no fill was found during step 2, then this can be skipped). POOH.
7. RIH with production tubing: expendable check, 1 jt. tubing, 1.78" ID SN, and 2-3/8" production tubing. Hang tubing at approximately 5700'. ND BOP, NU wellhead. Pump out expendable check and blow well in. RDMO PU.

Approve:

 12/11/96  
Operations Engineer

Approve:

\_\_\_\_\_  
Drilling Superintendent

Concur:

\_\_\_\_\_  
Production Superintendent

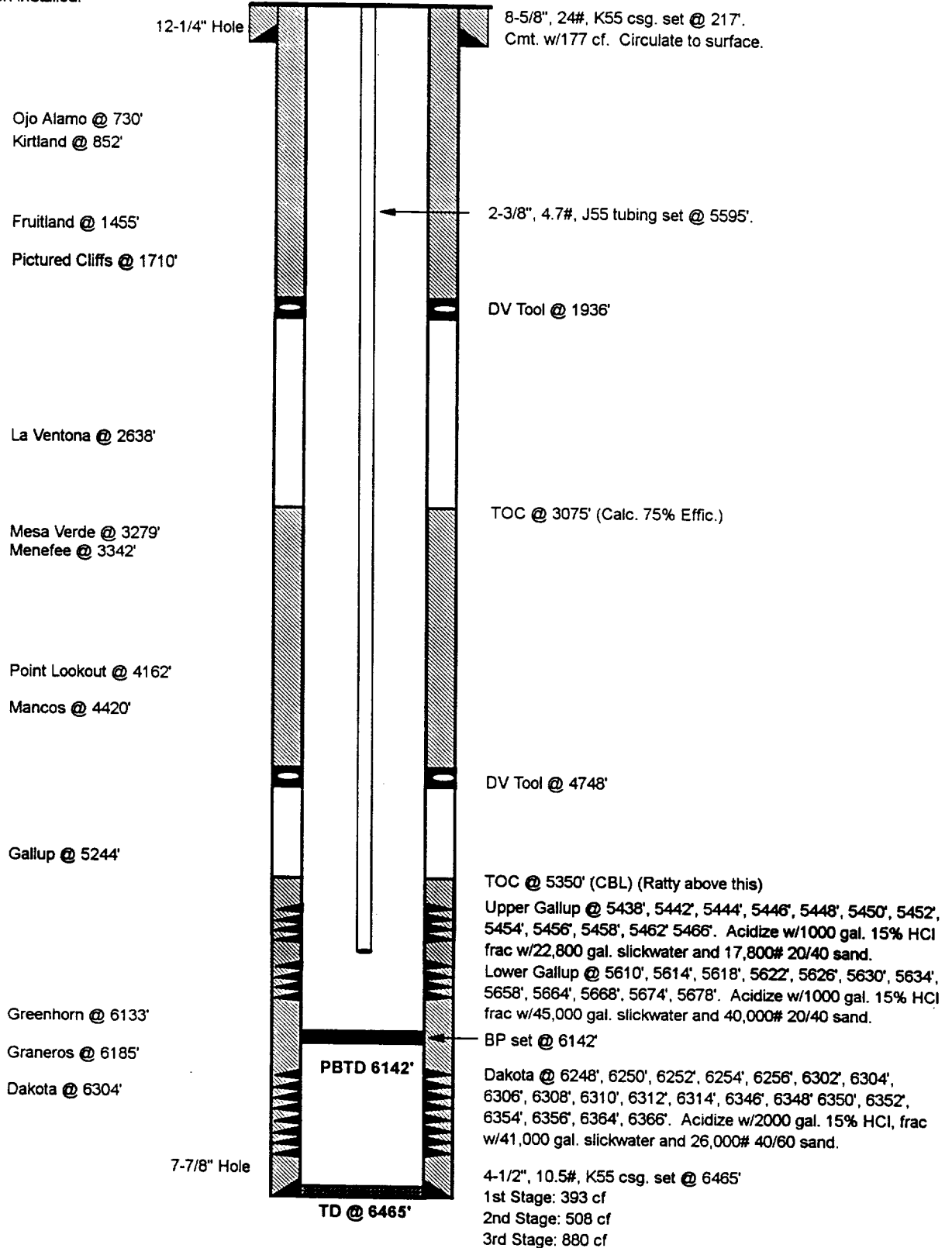
Contacts:	Kevin Midkiff	Operations Engineer	326-9807 (Office) 564-1653 (Pager)
	Johnny Ellis	Production Foreman	326-9822 (Office) 327-8144 (Pager)

# Huerfano Unit #287

Current -- 12/11/96

Spud: 12/12/87  
 Completed: 2/4/88  
 Elevation: 6135' (KB)  
 6122' (GL)  
 Logs: ILS, CNL, CBL  
 Comp. Notes: Dakota uneconomic (loaded up)  
 set BP @ 6142'.  
 6/95: Cathodic protection installed.

DPNO: 2798B  
 Angel Peak Gallup  
 500' FNL, 1970' FWL  
 Sec. 5, T26N, R10W  
 Lat/Long: 36°31.381560", 107°55.267620"  
 (36.523026 - 107.921127)



CERTIFICATE DATA SHEET  
12/11/96

<b>WELLNAME:</b> Huerfano Unit #287		<b>DP NUMBER:</b> 2798B <b>PROP. NUMBER:</b> 007972200					
<b>WELL TYPE:</b> Angel Peak Gallup		<b>ELEVATION:</b> KB 6135' GL 6122'					
<b>LOCATION:</b> 500' FNL, 1970' FWL Sec. 5, T26N, R10W San Juan County, NM Lat: 36.523026 Long: 107.921127		<b>INITIAL POTENTIAL:</b> 1587 MCFD Test  <b>INITIAL SITP:</b> Psig <b>LAST AVAILABLE SITP:</b> Psig					
<b>OWNERSHIP:</b> GWI: 61.3337% NRI: 46.3119% SJB: 0.0000%		<b>DRILLING:</b> SPUD DATE: 12/12/87 COMPLETED: 2/4/88 TOTAL DEPTH: 6465' PBTD: 6142' (CIBP)					
<b>CASING RECORD:</b>							
<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"	8-5/8"	24#	K55	217'	Casing	177 cf	Circ to Surface
7-7/8"	4-1/2"	10.5#	K55	6465'	Casing DV Tool @ 1936, 4748'	1st: 393 cf. 2nd: 508 cf. 3rd: 880 cf.	5350' (CBL) 3075' (Calc. 75%) Surface (Circ.)
	2-3/8"	4.7#	J55	5595'	Tubing	-	-
<b>FORMATION TOPS:</b>							
	Ojo Alamo		730'		Menefee	3342'	
	Kirtland		852'		Point Lookout	4162'	
	Fruitland		1455'		Mancos	4420'	
	Pictured Cliffs		1710'		Gallup	5244'	
	La Ventona		2638'		Greenhorn	6133'	
	Mesa Verde		3279'		Graneros	6185'	
					Dakota	6304'	
<b>LOGGING:</b> ILS, CNL, CBL							
<b>PERFORATIONS</b>		Dakota 6248', 6250', 6252', 6254', 6256', 6302', 6304', 6306', 6308', 6310', 6312', 6314', 6346', 6348', 6350', 6352', 6354', . 6356', 6364', 6366' Upper GIp 5438', 5442', 5444', 5446', 5448', 5450', 5452', 5454', 5456', 5458', 5462', 5466' Lower GIp 5610', 5614', 5618', 5622', 5626', 5630', 5634', 5658', 5664', 5668', 5674', 5678'					
<b>STIMULATION:</b>		Dakota Acidize w/2000 gal. 15% HCl, frac w/41,000 gal. slickwater and 36,000# 40/60 sand. Upper GIp Acidize w/1000 gal. 15% HCl, frac w/22,800 gal. slickwater and 17,800 # 20/40 sand (screened out). Lower GIp Acidize w/1000 gal. 15% HCl, frac w/45,000 gal. slickwater and 40,000# 20/40 sand.					
<b>WORKOVER HISTORY:</b>		Competition Notes: Dakota uneconomic (Loaded up). Set BP @ 6142'.  6/95: Cathodic protection installed.					
<b>PRODUCTION HISTORY:</b>		<b>RESERVE INFORMATION:</b>					
Cumulative as of 1996:	Gas 2018 MMCF Oil 20.3 MBO	Gross EUR:	Gas 7271 MMCF Oil 51.0 MBO				
Current as of 10/96:	500 MCFD 1 BOD	Remaining:	5253 MMCF 30.7 MBO				
<b>PIPELINE:</b> EPFS							