## UNITED STATES

# DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT RECEIVE

Sundry Not:	ices and Reports on Well	Ls > 5'! 9: 33		
	<u> </u>	<u>. 1,1 2, 00</u>	5.	Lease Number
Type of Well GAS	070 W. A.	adoly bal	6.	SF-077950 If Indian, All. or Tribe Name
			7.	Unit Agreement Name
. Name of Operator				
RESOURCES OIL	& GAS COMPANY			Huerfano Unit
			8.	Well Name & Number Huerfano Unit #549
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700			9.	
Location of Well, Footage, So			10.	Field and Pool
1190'FNL, 890'FEL, Sec?33, T	-27-N, R-10-W, NMPM		11	Basin Fruitland Coa West Kutz Pict.Clif County and State
				San Juan Co, NM
2. CHECK APPROPRIATE BOX TO IN	DICATE NATURE OF NOTICE	. REPORT. (	THER	DATA
Type of Submission	Type of Ac			
_X_ Notice of Intent	Abandonment	Change o		
-	<del></del>	New Cons		
Subsequent Report		Non-Rout Water Sl		
Final Abandonment	Casing Repair _ Altering Casing _			
Final Abandonment	Arcering casing _ _X_ Other - Dual			<b></b> ,
13. Describe Proposed or Comp	leted Operations			
It is intended to dual th	e subject well as deman	ded by the	New 1	Mexico Oil Conservati
Division according	to the attached proced	lure and we	llbor	re diagram.
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				en naco
				到五百月
			DEC	- 1 1997 <b>(9</b>
			(C)	A DIV.
14. I hereby certify that the	foregoing is true and	correct.		· · · · · · · · · · · · · · · · · · ·
50	1			, ,
signed / ancy Ottmanns	(KLM2) Title Regulato	ry Adminis	trato	<u>r</u> Date 11/10/97
(This space for Federal or Stat APPROVED BY /S/ Duane W. Spe	e Office use)  Title	Da	te _	NOV 25 1997
CONDITION OF APPROVAL, if any:				

#### **PROCEDURE**

HUEPFANO UNIT # 549 DPNO: 35101A / 35101B Pictured Cliffs / Fruitland Coal 1190' FNL, 890' FEL Unit A, Sec.33, T027N, R010W, SJC, NM Lat / Long: 36°32.14", 107°53.66"

**Project Summary:** The Huerfano Unit 549 is a commingle Pictured Cliffs / Fruitland Coal well with one string of tubing. The NMOCD has demanded that we dual this well. These procedures will separate the two production zones by use of a retrievable packer. We will attempt to work the well hot so as to prevent damaging the coal.

- 1. Install and test rig anchors. prepare blow pit. Comply with all NMOCD, BLM and BR regulations.
- 2. Set plug in tubing prior to rig-up. MIRU PU, ND WH, NU BOP. Attempt to work well hot, but kill with 2% KCL if necessary.
- 3. RIH and tag PBTD. Tally out with 2-3/8" tubing. If fill covers PC perfs then RIH with 4-3/4" bit and clean out to PBTD with air, otherwise RIH with mill to 1880'. POOH.
- Tally in hole with wire line guide shoe, 3' tubing sub, 1.78" ID SN, 3' tubing sub, Baker Model AD-1 (Size 43A) tension packer and 2-3/8" production tubing. Set Packer at 1856' (+/- 1'). Use tubing subs to space out packer. Set packer with 10K lbs tension (See attached detailed manufacturer's instructions).
- 5. Land Tubing, ND BOP, NU WH. RDMO PU.

		Approve:	7 milliall	10/30/97	
			Operations Engineer	Date	
		Approve			
			Drilling Superintendent	Date	
Contacts:	Operations Engineer	Kevin Midkiff	326-9807 (Office)		
			564-1653 (Pager)		
	Production Foreman	Johnny Ellis	326-9822 (Office)		
			327-8144 (Pager)		

### **HUERFANO UNIT # 549**

Spud: 11/09/93 1st Delivered : 01/13/94

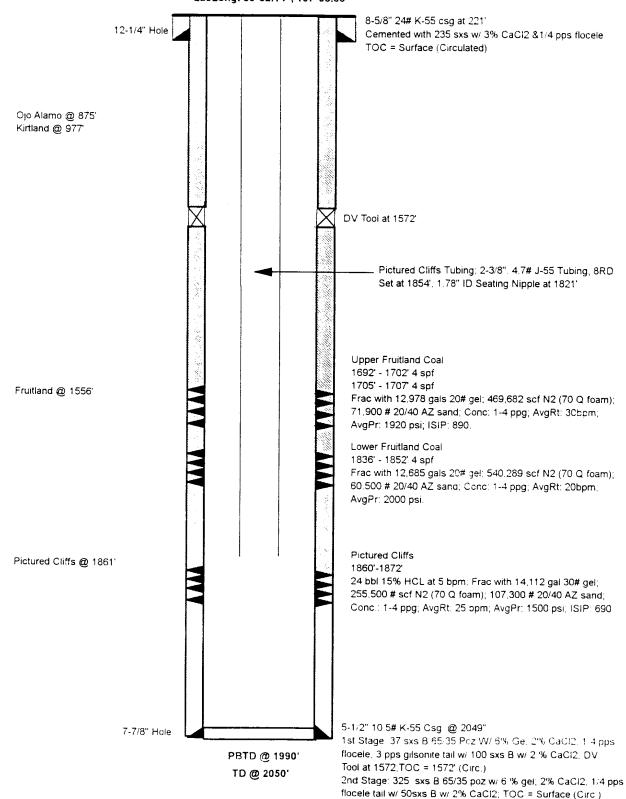
Elevation 6159' GL, 6172' KB

Workovers. None

#### Current -- 10/29/97

DPNO: 35101A, 35101B Pictured Cliffs/Fruitland Coal Commingle

1190' FNL, 890' FEL Unit A. Sec. 33, T027N, R010W, San Juan County, NM Lat/Long: 36°32.14", 107°53.66"



#### HUERFANO UNIT # 549

Spud: 11/09/93 1st Delivered: 01/13/94

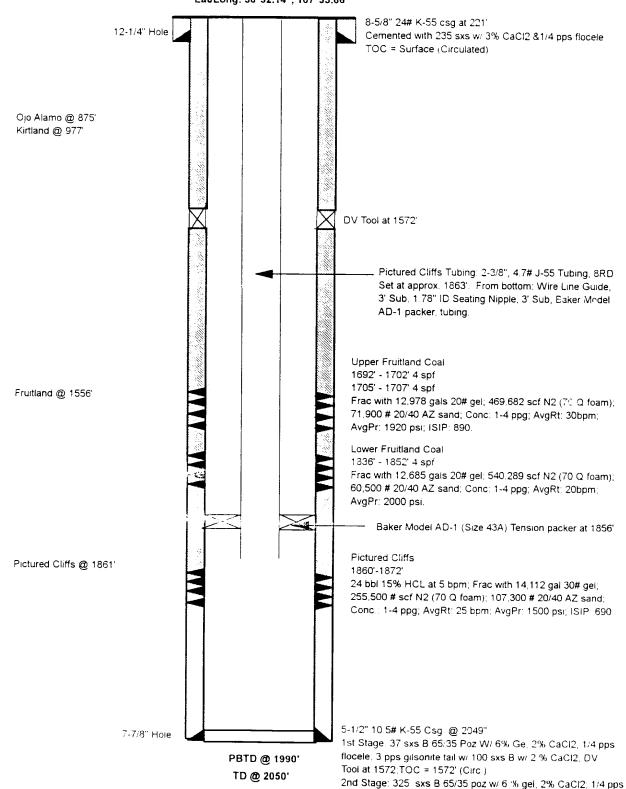
Elevation: 6159' GL, 6172' KB

Workovers: None

#### Proposed -- 10/29/97

DPNO: 35101A, 35101B Pictured Cliffs/Fruitland Coal

#### 1190' FNL, 890' FEL Unit A, Sec. 33, T027N, R010W, San Juan County, NM Lat/Long: 36°32.14", 107°53.66"



flocele tail w/ 50sxs B w/ 2% CaCl2; TOC = Surface (Circ.)