

CENTRAL RESOURCES, INC.  
HORSESHOE GALLUP #77

RECEIVED  
MAR 26 1996  
OIL CON. DIV.  
DIST. 3

Elevation: 5630' GL, 5640' KB

Casing: 8 5/8" 29# LW set @ 120' w/100 sacks

Location: 1975' FSL & 670' FWL = L  
Sec. 13, T31N-R17W  
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1239' - 1243' (2 SPF), 1341' - 1350' (2 SPF) &  
1354' - 1358' (2 SPF)

Spud Date: 8/24/59

Completion Date: 9/11/59

Converted to Injector: 3/22/63

Packer: Type Unknown, set @ 1197' KB (6/4/93)

Perfs: 1239' - 1243', 2 SPF

Perfs: 1341' - 1350', 2 SPF & 1354' - 1358', 2 SPF

PBTD: 1376'

Casing: 5 1/2" 14# J-55 set @ 1415' w/ 100 sacks

TD: 1415'



# ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

168-10739

## BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

11100 DHAZIS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-8178

Date of Test 6/15/93 Tbg. Inj. Pres. \_\_\_\_\_ Water Injection Well ✓  
Operator VANTAGE Tbg. Shut In Pres. 55 Salt Water Disposal Well \_\_\_\_\_  
Csg. Pres. \_\_\_\_\_ Int. Csg. Pres. \_\_\_\_\_ Gas Injection Well \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Max. Inj. Pres. 1993 C115's SE Producing Oil/Gas Well \_\_\_\_\_  
Well Name & No. HORSESHOE GALLUP INJ# 77 Location Unit L Sec 13 T 31N R 17W  
NAVAJO

### BRADENHEAD TEST

If bradenhead has pressure, flow to atmosphere for 30 minutes and record casing pressure at 5 minute intervals.

#### CASING PRESSURE

5 Minutes \_\_\_\_\_  
10 Minutes \_\_\_\_\_  
15 Minutes \_\_\_\_\_  
20 Minutes \_\_\_\_\_  
25 Minutes \_\_\_\_\_  
30 Minutes \_\_\_\_\_

#### BRADENHEAD FLOWED

Steady Flow \_\_\_\_\_  
Surges \_\_\_\_\_  
Down to Nothing \_\_\_\_\_  
Nothing \_\_\_\_\_  
Gas \_\_\_\_\_  
Gas & Water \_\_\_\_\_

Remarks: \_\_\_\_\_

### PACKER TEST

If casing has pressure, flow to atmosphere for 30 minutes and record tubing pressure at 5 minute intervals.

5 Minutes \_\_\_\_\_  
10 Minutes \_\_\_\_\_  
15 Minutes \_\_\_\_\_  
20 Minutes \_\_\_\_\_  
25 Minutes \_\_\_\_\_  
30 Minutes \_\_\_\_\_

Remarks: \_\_\_\_\_

**RECEIVED**

JUN 17 1993

OIL CON. DIV.  
DIST. 3

### POSITIVE PRESSURE TEST

Pressured annulus up to 555 psi. Casing held would not hold pressure for 30 min.

Remarks: P TO 555, NO PRESSURE LOSS - PASS

JIM WALKER/NAVAJO EPA PRESENT

BY: [Signature] NMOC: [Signature]

POSITION: \_\_\_\_\_