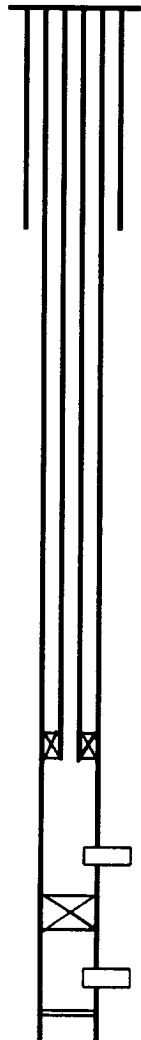


# CENTRAL RESOURCES, INC.

## HORSESHOE GALLUP #12



Elevation: 5399' GL, 5407' KB

Casing: 8 5/8", 24#, 8rd, J-55 set @ 102' w/115 sacks

Location: 660' FSL & 1980' FWL  
Sec. 29, T31N-R16W  
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1159' - 1190' (2 SPF) & 1285' - 1295'  
(2 SPF)

Spud Date: 11/21/58

Completion Date: 11/29/58

Converted to Injector: 1/9/67

Packer: Baker Model AD-1 set @ 1122' KB (2/4/93)

Perfs: 1159' - 1190', 2 SPF

Plug: Mountain States Cement Retainer set @ 1212' KB (2/4/93)

Perfs: 1285' - 1295', 2 SPF

PBTD: 1311'

Casing: 5 1/2", 14#, 8rd, H-40 set @ 1340' 2w/130 sacks

TD: 1345'



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SHD WELLS

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

Date of Test 3/12/93 Tbg. Inj. Pres. 940 Water Injection Well ☒  
Operator VANTAGE Tbg. Shut In Pres. \_\_\_\_\_ Salt Water Disposal Well \_\_\_\_\_  
Csg. Pres. \_\_\_\_\_ Int. Csg. Pres. \_\_\_\_\_ Gas Injection Well \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Max. Inj. Pres. 1992 C115's  
1000 Producing Oil/Gas Well \_\_\_\_\_  
Well Name & No. HORSESHOE GALLUP WLL #12 Location Unit N Sec 29 T 3N R 10W

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**

MAR 16 1993

**OIL CON. DIV.**  
DIST. 2

POSITIVE PRESSURE TEST

Pressured annulus up to 1025 psi. Casing held would not hold pressure for 30 min.

Remarks: 1) 1025 - NO LOSS IN PRESSURE - ~~TESTED~~

KEN LINGO - EPA CONSULTANT PRESENT WITH NAVAJO EPA

BY: [Signature]

NMOC: \_\_\_\_\_

POSITION: Texas Consultant