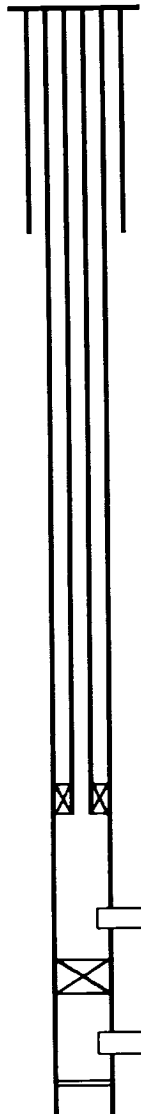


CENTRAL RESOURCES, INC.

HORSESHOE GALLUP #10



Elevation: 5495' GL, 5502' KB

Casing: 8 5/8", 24#, J-55 set @ 107' w/125 sacks

Location: 1980' FNL & 660' FEL
Sec. 30, T31N-R16W
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1231' - 1362' (2 SPF) & 1353' - 1367'
(2 SPF)

Spud Date: 11/6/58

Completion Date: 11/18/58

Converted to Injector: 1/12/67

Packer: Baker Model A set @ 1182' KB(2/19/93)

Perfs: 1231' - 1262', 2 SPF

Plug: Elder 5 1/2 Cement Retainer set @ 1274' KB (2/19/93)

Perfs: 1353' - 1367', 2 SPF

PBTD: 1381'

Casing: 5 1/2", 14#, H-40 set @ 1417' w/135 sacks

TD: 1422'



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

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

11110 TWO BILLIONS ROAD
AZTEC, NEW MEXICO 87410
1503/334-8178

Date of Test 3/12/93 Tbg. Inj. Pres. 910 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 840 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GAUWUP INJ #10 Location Unit H Sec 30 T 31N R 16W

BRADENHEAD TEST

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

CASING PRESSURE

BRADENHEAD FLOWED

5 Minutes _____
10 Minutes _____
15 Minutes _____
20 Minutes _____
25 Minutes _____
30 Minutes _____

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. 3

POSITIVE PRESSURE TEST

Pressured annulus up to 975 psi. Casing held/would not hold pressure for 30 min.

Remarks: 1) 975 - NO LOSS IN PRESSURE -

KEN LINGO - EPA CONSULTANT PRESENT WITH NAVAJO EPA

BY: [Signature] NMOC: Diana [Signature]

POSITION: Petro Consultant