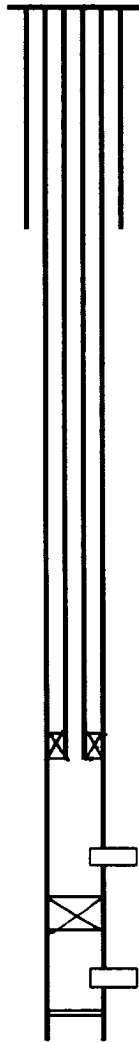


CENTRAL RESOURCES, INC.

HORSESHOE GALLUP #11



Elevation: 5462' GL, 5468' KB

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

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

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1201' - 1236' (2 SPF) & 1326' - 1339'
(2 SPF)

Spud Date: 11/10/58

Completion Date: 11/23/58

Converted to Injector: 1/30/63

Packer: Baker Model A set @ 1137' KB (2/15/93)

Perfs: 1201' - 1236', 2 SPF

Plug: Elder Cement Retainer set @ 1280' KB (2/15/93)

Perfs: 1326' - 1339', 2 SPF

PBD: 1360'

Casing: 5 1/2", 14#, H-40 set @ 1394' w/130 sacks

TD: 1400'



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

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

11000 PNM HIGHWAY ROAD
AZTEC, NEW MEXICO 87410
13034334-8178

Date of Test 3/12/93 Tbg. Inj. Pres. 920 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 CHS 6
820 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GALLUP INJ #11 Location Unit L Sec 29 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

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. 3

POSITIVE PRESSURE TEST

Pressured annulus up to 950 psi. Casing field would not hold pressure for 30 min.

Remarks: 1950 - NO LOSS IN PRESSURE - FIVE MIN

KEN LINGO - EPA CONSULTANT PRESENT WITH NAVAJO EPA

BY: [Signature]

NHOC: Sianna Shinkurst

POSITION: Area Consultant