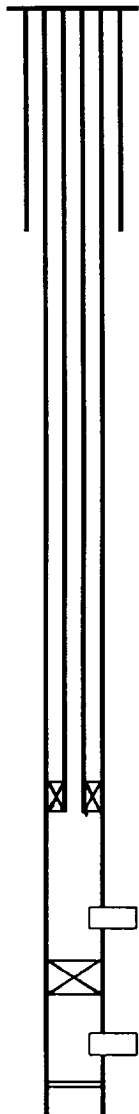


CENTRAL RESOURCES, INC.

HORSESHOE GALLUP #9



Elevation: 5539' GL, 5546' KB

Casing: 8 5/8", 24#, J-55 set @ 102' w/125 sacks

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

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1269' - 1297' (2 SPF) & 1389' - 1403'
(2 SPF)

Spud Date: 11/1/58

Completion Date: 11/13/58

Converted to Injector: 11/3/60

Packer: Baker Model AD-1 set @ 1207' KB (1/22/93)

Perfs: 1269' - 1297', 2 SPF

Plug: Mountain States Cement Retainer set @ 1325' KB (1/22/93)

Perfs: 1389' - 1403', 2 SPF

PBTD: 1407'

Casing: 5 1/2", 14#, H-40 set @ 1447'

TD: 1454'



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

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

1000 RIO DIAZ ROAD
AZTEC, NEW MEXICO 87410
1505/334-8178

Date of Test 3/15/93 Tbg. Inj. Pres. 860 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. 1792 @ 115's 820 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GALLUP INJ #9 Location Unit B Sec 30 T31N R16W

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 -

POSITIVE PRESSURE TEST

Pressured annulus up to 910 psi. Casing held would not hold pressure for 30 min.

Remarks: 1) 910 - NO LOSS IN PRESSURE - PASSED

KEN LINGO - EPA CONSULTANT PRESENT

BY: [Signature] NMOC: [Signature]

POSITION: _____