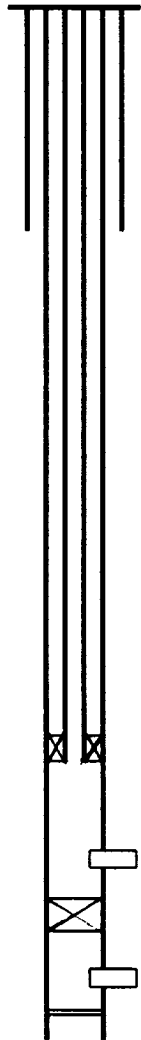


CENTRAL RESOURCES, INC.

HORSESHOE GALLUP #13



Elevation: 5376' GL, 5384' KB

Casing: 8 5/8", 24#, 8rd, J-55 set @ 100' w/125 sacks

Location: 660' FNL & 1980' FEL
Sec. 31, T31N-R16W
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1135' - 1166' (2 SPF) & 1259' - 1268' (2 SPF)

Spud Date: 11/25/58

Completion Date: 12/3/58

Converted to Injector: 2/21/63

Packer: Baker Model AD-1 set @ 1107' KB (2/17/93)

Perfs: 1135' - 1166', 2 SPF

Plug: Elder 5 1/2 Cement Retainer set @ 1170' KB, (2/17/93)

Perfs: 1259' - 1268', 2 SPF

PBTD: 1287'

Casing: 5 1/2", 14#, 8rd, H-40 set @ 1303' w/130 sacks

TD: 1310'



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

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

1000 RIO CHAZIS ROAD
AZTEC, NEW MEXICO 87410
15051334-8178

Date of Test 3/15/93 Tbg. Inj. Pres. 850 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 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GALLUP INJ # 13 Location Unit B Sec 32 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 2

POSITIVE PRESSURE TEST

Pressured annulus up to 900 psi. Casing held/would not hold pressure for 36 min.

Remarks: 900 - NO LOSS IN PRESSURE - ~~PACKED~~

KEN LINGO, EPA CONSULTANT PRESENT

BY: [Signature]

NMOCD: [Signature]

POSITION: _____