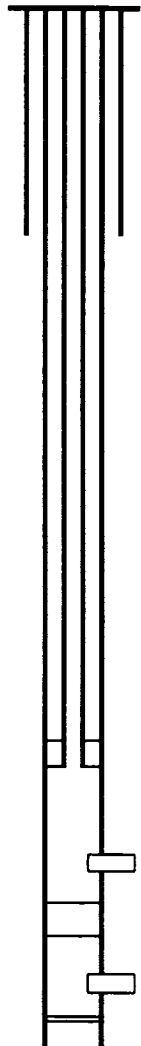


CENTRAL RESOURCES, INC.

HORSESHOE GALLUP #16



Elevation: 5427' GL, 5432' KB

Casing: 8 5/8", 24#, J-55 set @ 100' w/115 sacks

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

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1130' - 1162' (2 SPF) & 1216' - 1224'
(4 SPF)

Spud Date: 11/16/58

Completion Date: 11/28/58

Converted to Injector: 11/3/60

Packer: Baker Model AD-1 set @ 1095' KB (2/10/93)

Perfs: 1130' - 1162', 2 SPF

Plug: Mountain States Cement Retainer set @ 1186' KB (2/10/93)

Perfs: 1216' - 1224', 4 SPF

PBTD: 1267'

Casing: 5 1/2", 14# H-40 set @ 1301' 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 & SHD WELLS

16410 TWO DIABLOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-8178

Date of Test 3/11/93 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. 1992 C.I.I.S.'s 900 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GALLUP INJ #16 Location Unit H Sec 31 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 930 psi. Casing held would not hold pressure for 30 min.

Remarks: 1) 930 - NO LOSS IN PRESSURE - ~~MAINTAINED~~

KEN LINGO - EPA CONSULTANT PRESENT

BY: [Signature] NHOD: [Signature]

POSITION: Consultant