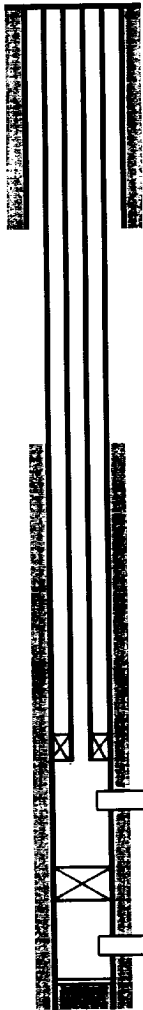


CENTRAL RESOURCES, INC.
HORSESHOE GALLUP #109

RECEIVED
MAR 26 1996
OIL CON. DIV.
DIST. 3



Elevation: 5748' GL, 5757' KB

Location: 660' FSL & 660' FEL = **P**
Sec. 24 T31N-R17W
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1396' - 1402' (2 SPF), 1406' - 1416' (2 SPF) &
1507' - 1517' (2 SPF)

Spud Date: 11/20/58

Completion Date: 12/4/58

Converted to Injector: 7/13/84

Casing: 8 5/8" 32# H-40 set @ 106' w/100 sacks

Packer: Baker Model AD-1 set @ 1375' KB (4/7/93)

Perfs: 1396' - 1402', 2 SPF & 1406' - 1416', 2 SPF (original perfs 1390' - 1416')

Plug: Elder Cement Retainer set @ 1486' KB (4/7/93)

Perfs: 1507' - 1517', 2 SPF (original perfs 1504' - 1535')

PBTD: 1553'

Casing: 5 1/2" 15.5 # J-55 set @ 1571' w/100 sacks

TD: 1575'



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

AZTEC DISTRICT OFFICE

165-10498

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

11100 TWO DIAMONDS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-8178

Date of Test 6/16/93 Tbg. Inf. Pres. 680 Water Injection Well ☒
Operator VANTAGE Tbg. Shut In Pres. _____ Salt Water Disposal Well _____
Csg. Pres. _____ Int. Csg. Pres. _____ Gas Injection Well _____
Bradenhead Pres. _____ Max. Inf. Pres. 1993 C1153-610 Producing Oil/Gas Well _____
Well Name & No. HORSESHOE GALLUP INJ # 109 Location Unit P Sec 24 T 31N R 17W
NAVAJO

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: _____

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JUN 17 1993

OIL CON. DIV
DIST. 3

POSITIVE PRESSURE TEST

Pressured annulus up to 750 psi. Casing held/would not hold pressure for 30 min.

Remarks: P TO 750, NO PRESSURE LOSS - PASS

JIM WALKER/NAVAJO EPA PRESENT

BY: [Signature] NMOC: [Signature]

POSITION: _____