

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

CENTRAL RESOURCES, INC.  
HORSESHOE GALLUP #97



Elevation: 5765' GL, 5776' KB

Location: 2050' FSL & 990' FWL = L  
Sec. 24 T31N-R17W  
San Juan County, NM

Field: Horseshoe Gallup

Zone: Gallup

Perfs: 1299' - 1314' (4 SPF) & 1394' - 1408' (4 SPF)  
(original perfs 1408' - 1422')

Spud Date: 3/8/59

Completion Date: 4/9/59

Converted to Injector: 3/7/63

Casing: 8 5/8" 32# J-55 set @ 167' w/150 sacks

Packer: Baker Model AD-1 set @ 1240' KB (4/22/93)

Perfs: 1299' - 1314', 4 SPF

Perfs: 1394' - 1408', 4 SPF (original perfs 1408' - 1422')

PBTD: 1435'

Casing: 5 1/2" 15.5 # J-55 set @ 1459' w/100 sacks

TD: 1480'



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

164  
10546  
1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 4-22-94 Operator Vantage Point Operating Co.  
Lease Name Herschede Cattle Unit Well No. 98 Location: Unit 4 Section 24 Township 31N Range 12W  
Pressure (Shut-in or Flowing) Tubing 40 lbs Intermediate 0 Casing 40 lbs Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| TIME    | PRESSURES:   |                            | BRADENHEAD<br>FLOWED | INTERMEDIATE<br>FLOWED |
|---------|--------------|----------------------------|----------------------|------------------------|
|         | INTERMEDIATE | CASING                     |                      |                        |
| 5 min.  |              | <u>40<sup>4</sup> To 0</u> | Steady Flow          |                        |
| 10 min. |              |                            | Surges               |                        |
| 15 min. |              |                            | Down to Nothing      |                        |
| 20 min. |              |                            | Nothing              |                        |
| 25 min. |              |                            | Gas                  |                        |
| 30 min. |              |                            | Gas & Water          |                        |
|         |              |                            | Water                |                        |

If Bradenhead flowed water, check description below:

CLEAR \_\_\_\_\_ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

REMARKS:

No Fluid on Casing on Bradenhead

By [Signature] Witness \_\_\_\_\_  
Operations Supervisor  
(Position)



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

164-10547

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

10000 RIO DIAZ RD  
AZTEC, NEW MEXICO 87410  
(505) 334-8170

Date of Test 6/16/93 Tbg. Inj. Pres. \_\_\_\_\_ Water Injection Well ☒  
Operator VANTAGE Tbg. Shut In Pres. 420 Salt Water Disposal Well \_\_\_\_\_  
Csg. Pres. \_\_\_\_\_ Int. Csg. Pres. \_\_\_\_\_ Gas Injection Well \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_ Max. Inj. Pres. 1993 01155-1000 Producing Oil/Gas Well \_\_\_\_\_  
Well Name & No. HORSESHOE GALLUP INJ #97 Location Unit L 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 \_\_\_\_\_

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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

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DIST. 3

POSITIVE PRESSURE TEST

Pressured annulus up to 740 psi. Casing held/would not hold pressure for 30 min.

Remarks: P TO 740, DROPPED TO 725 < 10% PAGES

JIM WALKER/NAVAJO EPA PRESENT

BY: [Signature] NMOC: [Signature]

POSITION: \_\_\_\_\_