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MAR 26 1996

CENTRAL RESOURCES, INC.  
HORSESHOE GALLUP #236

OIL CON. DIV.  
DIST. 3

Elevation: 5560' GL, 5568' KB

Location: 2310' FNL & 1640' FWL = F  
Sec. 3 T30N-R16W  
San Juan County, NM

Field: Horseshoe Gallup

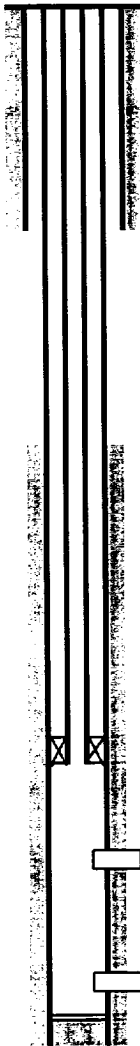
Zone: Gallup

Perfs: 1400' - 1448' & 1518' - 1542' (2 SPF)

Spud Date: 4/22/58

Completion Date: 6/17/58

Converted to Injector: 3/23/67



Casing: 8 5/8" 24# J-55 set @ 126' w/125 sacks

Packer: Baker Model A set @ 1355' KB (5/26/93)

Perfs: 1400' - 1448', 2 SPF

Perfs: 1518' - 1542', 2 SPF

PBTD: 1564'

Casing: 5 1/2" 15.5# J-55 set @ 1607' w/100 sacks

TD: 1607'



ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

BRADENHEAD & PACKER TEST REPORT FOR INJECTION & SWD WELLS

11000 RIO DIAZ RD  
AZTEC, NEW MEXICO 87410  
505/334-8178

Date of Test 6/9/93 Tbg. Inj. Pres. \_\_\_\_\_ 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. 1993 CIIS SI NONE Producing Oil/Gas Well \_\_\_\_\_  
 Well Name & No. HORSESHOE GALLUP INJ # 236 Location Unit F Sec 03 T 30N R 16W  
FEDERAL 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**  
 JUN 10 1993

POSITIVE PRESSURE TEST

Pressured annulus up to 560 psi. Casing held would not hold pressure for 30 min.

Remarks: P TO 560 DROPPED TO 530 <10% PASS

BY: [Signature]  
 POSITION: \_\_\_\_\_

NMOCD: Dianna Vairhurst