



SIDE TWO

Operator Name Amoco Production Company Lease Name White G.U. E Well # 3HI  
 Sec. 12 Twp. 24 Rge. 36  East County Kearny  
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

| Name  | Formation Description |        |
|-------|-----------------------|--------|
|       | Top                   | Bottom |
| Chase | 2410'                 | 2680'  |

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./ft. | Setting Depth | Type of Cement      | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|---------------------|--------------|----------------------------|
| Surface           | 12-1/4"           | 8-5/8"                    | 24#             | 775'          | 35/65 POZ-C Class C | 225          | CACL2 3%                   |
| Production        | 7-7/8"            | 5-1/2"                    | 15.5#           | 2672'         | POZ-C Class C       | 650          |                            |

| Shots Per Foot | PERFORATION RECORD<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth     |
|----------------|---|---|-----------|
|                |   | Frac with 174,500 gals gelled water and 810,000# 8/16 sand                        | 2417-2672 |

TUBING RECORD  New  Used

Size N/A Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production SI Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil | Bbls. | Gas  | Mcf | Water | Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----|-------|------|-----|-------|-------|---------------|---------|
|                                   |     |       | 1500 |     |       |       |               |         |

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Conningled  Other (Specify) Slotted Casing

Production Interval: 2417-2672'

K C C

OCT. 11 1990

COPY

DRILLERS LOG

AMOCO PRODUCTION COMPANY  
WHITE GU "E" NO. 3 H1  
SECTION 12-T24S-R36W  
KEARNY COUNTY, KANSAS

COMMENCED: 10-04-90  
COMPLETED: 10-07-90

SURFACE CASING: 766' OF 8 5/8"  
CMTD W/225 SX LT "C", 3% C.C.,  
1/4#/SX FLO-CELE; TAILED IN W/150 SX  
"C", 3% C.C., 1/4#/SX FLO-CELE

| FORMATION    | DEPTH            |
|--------------|------------------|
| SURFACE HOLE | 0- 775           |
| RED BED      | 775-1914         |
| SHALE & LIME | 1914-2672    RTD |


I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

*Claude E. Norwood*  
CLAUDE E. NORWOOD

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 8TH DAY OF OCTOBER, 1990.

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|  <p>BECKY J. WHETSTONE<br/>NOTARY PUBLIC<br/>STATE OF KANSAS<br/>MY APPT. EXPIRES 4/29/91</p> |
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*Becky J. Whetstone*  
BECKY J. WHETSTONE, NOTARY PUBLIC

OCT 11 1990