

N. H. 5 Federal No. 1  
 NM 57535  
 Lea County, NM

DST #1, 5061-5181'

|     |        | <u>TOP</u>           | <u>BOTTOM</u> |
|-----|--------|----------------------|---------------|
|     |        | 5054                 | 5061          |
| IH  |        | 2267                 |               |
| IF  | 5 min  | 40-40 very week blow |               |
| ISI | 60 min | 1135                 |               |
| FF  | 30 min | 27-27 no blow        |               |
| FSI | 4 hrs  | 1638                 |               |
| FH  |        | 2267                 |               |

Fluid Rec: 3' drlg mud, 2400 cc drlg mud in sample chamber & 3 psi. No gas to surface, no hydrocarbons.

DST #2, 12,745-12,777'

|     |        |         |
|-----|--------|---------|
| IH  |        | 5984    |
| IF  | 6 min  | 364-401 |
| ISI | 45 min | 5948    |
| FF  | 60 min | 475-987 |
| FSI | 53 min | 5948    |
| FH  |        | 5984    |

Rec: 1140' saltwater in DP.

Sample chamber had 200 psi, 2500 cc saltwater

Chls 26000 ppm

DST #3, 13,036-053'

|     |         |           |
|-----|---------|-----------|
| IH  |         | 5984      |
| IF  | 6 min   | 2653-3861 |
| ISI | 150 min | 6116      |
| FF  | 72 min  | 2580-859  |
| FSI | 127 min | 6424      |
| FH  |         | 6112      |

Temp: 184°

Rec: 980' wtr blanket, 1554' gas cut drlg mud

Sample chamber contents: 0.31 cu.ft. gas, 2000 cc wtr, 15000 ppm chls, 500 psi

DST #7, 10,097-10,200'

|          |         |           |
|----------|---------|-----------|
| IH       |         | 5084      |
| IF       | 5 min   | 658       |
| ISI      | 20 min  | 791-3793  |
| 2nd Flow | 30 min  | 760-896   |
| 2nd SI   | 60 min  | 896-3800  |
| 3rd Flow | 60 min  | 949-1217  |
| 3rd SI   | 180 min | 1217-3806 |
| FH       |         | 4950      |

Temp: 140°

Ran 1297' fresh wtr cushion

Rec: 2675 total fluid rec - - - - - 34.73 bbls

1297' slight oil & mud - - - - - 18.42 bbls

70' slight oil cut drlg fluid- - .99 bbls

1308' oil & heavy gas cut - - - - 15.32 bbls

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