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AMERADA HESS CORPORATION

December 3, 1969

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New Mexico Oil Conservation Commission
P. O. Box 189
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State WE "L" Com. No. 1
Letter "K", Sec. 10, T-21-S, R-35-E
Lea County, New Mexico

- DST # 1 - First Bone Springs Zone - 8548' to 8590' - 4 hr. test - 4½" DP, 5/8" bottom and 3/4" top chokes. Open tool at 8:32 a.m. with strong blow of air immediately, continued strong for 15 minutes. No gas or fluid to surface. Closed tool at 8:47 p.m. for 1/2 hr. buildup. Gas to surface 2 minutes after tool closed. Gas odor - sour. Open tool at 9:17 with strong blow of gas immediately and decreased to 0 in 42 minutes, gas flow as follows: 9:17 to 9:30 p.m. (13 min.) 39.25 MCFPD, 9:30 to 9:35 p.m. (5 min.) 69.66 MCFPD, 9:35 to 9:45 (10 min.) 56.12 MCFPD, 9:45 to 10:00 (15 min.) 25.74 MCFPD, 10:00 to 10:17 (17 min.) dead, total gas produced 1.96 MCF while tool open. Closed tool at 10:17 p.m. for 2½ hr. buildup, no fluid to surface. Released packer and reversed out 5000' or 76 bbls. fluid. (50 bbls. green oil, gravity 36.3 corr. and 26 bbls. gas cut drlg. mud, HI 3840, HO 3840, first IFP 274, FFP, 429 - ICIP 2694. Second IFP 403, FFP 867, FCIP 2308, bottom hole sampler GOR 350. Recovered 20 CCs green 42.5 degrees gravity sour oil in sampler BHT 134 degrees F.
- DST # 2 - Bone Springs Zone - 9230' to 9285', 4 hr. test - 4½" DP, 5/8" bottom and 1" top choke. Open tool at 7:20 p.m. with fair blow of air immediately. Continued fair blow for 15 minutes. No gas or fluid to surface. Closed tool at 7:35 p.m. for ½ hr. BU. Opened tool at 8:05 p.m. with weak blow of air in 2 minutes gradually increasing. Closed tool at 9:05 p.m. for 2½ hrs. BU. No fluid to surface. Released pkr. and trip out. Recovered 445' or 2.2 bbls. drilling fluid, HI 4136, HO 4136, first IFP 120, FFP 120, ICIP 120, second IFP 378, FFP 378, FCIP 1523, bottom hole tester - recovered 1.6 cubic feet of gas, 200# pressure, temp. 135 degrees F. Insufficient data to calculate. SLM at 9285' - no correction.
- DST # 3 - 9371' to 9431' Second Bone Springs Zone - 4 hour test - 4½" DP, 5/8" bottom and 1" top chokes. Opened tool at 6:12 p.m. for ½ hr. preflow. Strong blow of gas to surface in 10 min. GV 93,526 CFPD at end of ½ hr. preflow. Closed tool at 6:27 p.m. for ½ hr. BU. No fluid to surface. Reopened tool at 6:57 p.m. with good blow of gas instantly. Decreasing from 49,099 CFPD to 6,848 CFPD in 30 minutes after 1 hr. decreased to weak blow. Closed tool at 7:57 p.m. for 2½ hrs BU. Pulled packer free at 10:12 p.m. Reversed out 7551' or 91 bbls. gas cut drilling fluid with trace of oil and 11 bbls. drilling mud cut 40% salt water. Last 2 bbls. resistivity .10 at 65 degrees, chlorides 36,000 PPM. Pit resistivity

1. The first part of the document is a list of items.

Section 1

1.1. Item 1

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1.2. Item 2

1.3. Item 3

Main body of text containing multiple paragraphs of content.

Section 2

Section 3