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New Mexico Oil Conservation Comm.
ATTN: MR. Michael Stagner
PO Box 2088
Santa Fe NM 87501

FROM

DUGAN PRODUCTION CORP.

P. O. BOX 208
FARMINGTON, N. M. 87401
(505) 325-1821

SUBJECT

Data Missing From Exhibit A-5, CASE # 7966

DATE

9/28/83

MESSAGE

Attached for your file is 2 copies of Page No. 6 of our daily drilling & Completion Report for the Mother Lode #1. Sorry about leaving it out of the exhibit package.

John Roe

copy also sent to Frank Chaug.

RECEIVED
SEP 30 1983

OIL CONSERVATION DIVISION
SANTA FE

SIGNED

7-11-83 Rig up Basin Perforators. Set retrievable bridge plug @ 7600'.
(Cont.) Pressure test to 4000 psi - okay. Dump sand on top of bridge plug.
Perforate Gallup formation as follows:
6765, 89, 6801, 08, 25, 36, 39, 47, 53, 61, 67, 73, 82, 84, 97,
6912, 14, 25, 27, 41, 53, 63, 70, 77, 89, 94, 7011, 19, 22, 27,
29, 38, 45, 54, 70. Total 35 holes.(0.34").
Attempt to break down perfs. Taking fluid @ 1800 psi @ 18 bbl./min.
Drop 52 RCN ball sealers. Ball off with 4000 psi. Run 4½" junk
basket. Recovered 5 balls (4 hits).

Frac Gallup as follows:

15,000 gal. J-2 gel water + 25# Aqua seal/1000 - pad
20,000 gal. J-2 gel water + 15# Aqua seal/1000 + 1 ppg 20-40 sand
12,000 gal. J-2 gel water + 10# Aqua seal/1000 + 1½ ppg 20-40 sand
12,000 gal. J-2 gel water + 10# Aqua seal/1000 + 2 ppg 20-40 sand
11,000 gal. J-2 gel water + 10# Aqua seal/1000 + 2½ ppg 20-40 sand
4,404 gal. water flush
ISDP - 800 psi
15 min. - 400 psi
Maximum treating pressure - 3800 psi
Minimum treating pressure - 2550 psi
Average treating pressure - 2900 psi @ 50 bbl./min.

Totals:

89,500# - 20-40 sand; 70,000 gal. 20#/1000 gal. J-2 gelled water;
70 gal. Aquaflo; 1135# Aqua seal; 70# B-5 breaker;

Left well shut in over night.

7-12-83 Open well up. Did not flow back. Went in hole with retrieving
head. Tag sand @ 6875'. Clean out 180' sand to 7055'.
Tag sand again @ 7500'. Clean out sand to bridge plug. Unseat
bridge plug. P.O.H. Shut well in.

7-13-83 Open well up on vacuum. G.I.H. with tubing. Tag sand ± 8000'.
Clean to PBSD. Circulate clean. Land tubing as follows: 256 jts.
2-3/8" O.D., 4.7#, J-55, 8 Rd, EUE Tubing. T.E. 7994.17' set at
8002' RKB with seating nipple at 7969'. ND BOP. NU Wellhead.
Shut in. Rig down Monument Service Unit.

7-14-83 Move in & Rig up Ponderosa Oil Field Service swabbing unit.
Casing pressure 75 psi; tubing pressure 0. Made 32 swab runs.
Swabbed an estimated 180 Bbls. of frac fluid. Fluid level at
beginning of day 1500'. Fluid level at end of day 2200'. Show
of gas and slight show of oil last 15 swab runs. Casing pressure
140 psi at end of day.

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