

PROPOSED PLUG AND ABANDONMENT PROCEDURE

MARILYN NO. 1

WELL DATA:

LOCATION: 660' FSL & 760' FWL
Sec. 32, T-10S, R-31E
Chaves County, New Mexico

TD: 4088' PBD: 4085' ELEVATION: 4344.4' GL

CASING: 8-5/8", 24#, K-55, ST&C @ 1422'
Cmt. circulated to surface
4-1/2", 10.5#, K-55, ST&C @ 4088'
Cmt. w/250 sx. Class "C" + 8% salt
Est. TOC @ 2630'

TUBING: 2-3/8", 4.6#, J-55, 8rd @ 4035'
(128 jts. w/SN @ 4000')

RODS: 72 - 5/8", 86 - 3/4" & 5 pony rods

PUMP: 2" X 1-1/2" X 12' travelling barrel

PERFS: 3972'-4046'

RECOMMENDED PROCEDURE:

1. MIRU pulling unit. Pull and lay down rods & pump. Install Larkin 75 adapter flange. NU BOP.
2. Load hole with fresh water.
3. Spot 20 sx. Class "C" from 4050' to 3755' (295').
4. POOH w/2-3/8" tubing. (LD all but 1300' of tubing).
5. RU wireline. Perforate 4 holes @ ±1440'. RD wireline.
6. TIH w/pkr. to 1300'. Open bradenhead valve. Squeeze holes w/50 sx. Class "C" cement. SION.
7. POOH w/pkr.
8. Spot 10 sx. surface plug from 100' to surface. Install dry hole marker. Rig down. Clean location.

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Date July 12, 1982

DRY HOLE MARKER

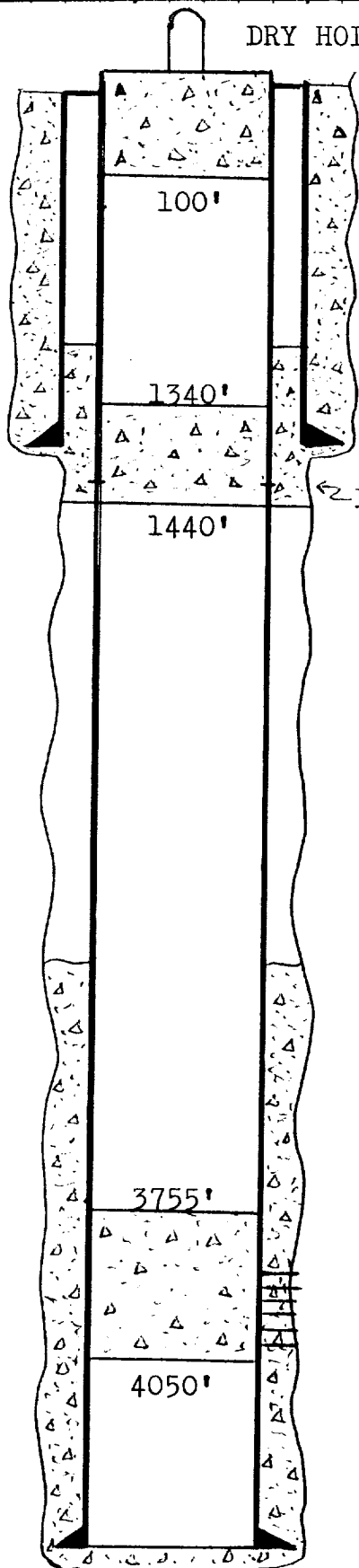
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Armstrong Energy Corporation

660' FSL & 760' FWL

Sec. 32, T-10S, R-31E

Chaves County, NM



1422' - 8-5/8", 24#, K-55, ST&C
Cement circulated to surface
← Perf & Squeeze

FORMATION TOPS

Rustler - 1360'

Yates - 2050'

Seven Rivers - 2170'

San Andres - 3315'

Est. TOC @ 2630'

Perfs - 3972'-4046'

4088' - 4-1/2", 10.5#, K-55, ST&C

TD - 4088'

RECEIVED

JUL 13 1982

ADJ. CLERK
HOBBS OFFICE