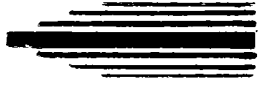




"Symbol of Service"

SURVEY REPORT



EASTMAN OIL WELL SURVEY COMPANY

SPECIALIZING IN

DIRECTIONAL DRILLING • TOOLS • INSTRUMENTS • TECHNIQUES

Consult The Yellow Pages For Your Nearest Eastman Office

HOME OFFICE: P.O. BOX 1500, DENVER 1, COLORADO

THIS IS A RECORD OF A SUB-SURFACE SURVEY OF YOUR WELL

It Includes:

1. A title page giving the name of the company, name and number of the well, and the well location.
2. Record of survey sheets giving drift angles, drift direction, true vertical depth, and rectangular coordinates at each point on the survey.
3. A horizontal plan showing each point on the survey in relation to the surface location; also a closure (horizontal displacement and direction) from the surface location to the bottom of the well.
 - (a) A vertical section of surveys will be furnished on request.
 - (b) A notarized affidavit on Multiple Shot surveys will be furnished on request.

NOTE

We retain a copy of your survey report in our files for your convenience; however, should you so desire, all copies of the survey report will be forwarded to you on written request. All surveys are kept in a locked file and are held in strictest confidence. Additional copies of your survey report can be made from the original by any blueprint company.



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REPORT of SUB - SURFACE DIRECTIONAL SURVEY

STANDARD OIL COMPANY OF TEXAS
COMPANY

JICARILLA 8-15 NO. 1
WELL NAME

DULCE, NEW MEXICO
LOCATION

JOB NUMBER

RS-101661

TYPE OF SURVEY

MULTIPLE SHOT

DATE

OCTOBER 23, 1961

SURVEY BY

OFFICE

PLAN



SCALE
1" = 100'

SCHLUMBERGER
COORDINATES

DEPTH 4300'

NORTH 121.00'

EAST 206.00'

4596.05'

871.87'

N 69°40' E

5048.12'

DEPTH 5304'
NORTH 302.87'
EAST 817.57'

SURFACE

JOB NO. RS-101661