

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

| | | | | | |
|-------------------------------------|-----------------------------|--------------------------------|---|--------------------|-----------------------|
| Operator <u>Marathon Oil Co.</u> | | Lease <u>Arquist Estate</u> | | Well # <u>4</u> | |
| Location of Well | Unit # <u>1650N-430E</u> | Section <u>29</u> | Township <u>18</u> | Range <u>26</u> | County <u>Eddy</u> |
| Drilling Contractor | <u>LO Drilling Co.</u> | | Type of Equipment <u>Rotary to start 2-15-77</u> | | |

APPROVED CASING PROGRAM

| Size of Hole | Size of Casing | Weight Per Foot | New or Used | Depth | Sacks Cement |
|----------------|----------------|-----------------|-------------|-------------|----------------|
| <u>17 1/2"</u> | <u>13 3/8"</u> | <u>48</u> | | <u>300</u> | <u>275 cu.</u> |
| <u>12 1/4"</u> | <u>9 5/8"</u> | <u>32.3</u> | | <u>1200</u> | <u>550 cu.</u> |
| <u>8 3/4"</u> | <u>7"</u> | <u>23</u> | | <u>3000</u> | <u>600 cu.</u> |

Casing Data:

Surface 29 joints of 9 5/8 inch 32.3 # Grade A.P.I. New H-40
(Approved) (Rejected)

Inspected by L. L. G. Morris date 3-28-77

Cementing Program

Size of hole 12 1/4" Size of Casing 9 5/8 Sacks cement required 700/sx
Type of Shoe used Guide Float collar used Insert Btm 2 jts welded Threadlock
TD of hole 1170' KD Set 1160' CL Feet of 9 5/8 inch 32.3 # Grade H-40
New-used csg. @ 1160' CL with 300 sacks neat cement around shoe Class C 2% cc
+ 400/sax Hewlett additives 5" Gilsomite 1/4" Floc 2% cc
Plug down @ 7:10 (AM) (PM) Date 3-2-77
Cement circulated Yes No. of Sacks 140/sx
Cemented by Halliburton Witnessed by L. L. G. Morris
Temp. Survey ran @ (AM) (PM) Date top cement @
Casing test @ (AM) (PM) Date
Method Used Witnessed by
Checked for shut off @ (AM) (PM) Date
Method used Witnessed by
Remarks: Water 374-510, 514-60, 596-610, 624-48, 1036-30
2 Baskets 540-680