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|------------------------------------|---------------------|-----------------------------------|-----------------------|------------------------------------|-----------------------|-----------------------------|--|
| Operator <u>Gates Petr Corp</u> | | Lease <u>Foothills AGH St.</u> | | Well # <u>1</u> | | MAR 07 '89 | |
| Location of Well | Unit <u>0</u> | Section <u>20</u> | Township <u>19</u> | Range <u>23</u> | County <u>Eddy</u> | O. C. D. ARTESIA, OFFICE | |
| Drilling Contractor | <u>Undesignated</u> | | | Type of Equipment <u>Rotary</u> | | | |

* Witness

APPROVED CASING PROGRAM

| Size of Hole | Size of Casing | Weight Per Foot | New or Used | Depth | Sacks Cement |
|--------------|----------------|-----------------|-------------|-------|--------------|
| 17 1/2 | 13 3/8 | 54.5 # | | 160 | 50 Circ |
| 12 1/4 | * 8 5/8 | 24 # | | 1800 | 600 Circ |
| 7 7/8 | 5 1/2 | 15.5 # + 17 # | | TD | 350 |

Casing Data:

Surface _____ joints of _____ inch _____ # Grade _____
 _____ (Approved) (Rejected) _____

Inspected by _____ date _____

Cementing Program

Size of hole 12 1/4" Size of Casing 8 5/8" Sacks cement required _____

Type of Shoe used guide Float collar used insert Btm 3 jts welded yes

TD of hole 1630' Set 1630' Feet of 8 5/8" Inch 24 # Grade J-55

New used csg. @ 1630' with 200 sacks neat cement around shoe
 + 600 sax Hall. Lite additives (10# gilsonite, 1/2# floreal, 3% cc)

Plug down @ 8:15 (AM) (PM) Date 2-15-89

Cement circulated No No. of Sacks -0-

Cemented by Halliburton Witnessed by Mike Stubblefield

Temp. Survey ran @ 1:15 (AM) (PM) Date 2-15-89 top cement @ 300'

Casing test @ _____ (AM) (PM) Date _____

Method Used _____ Witnessed by _____

Checked for shut off @ _____ (AM) (PM) Date _____

Method used _____ Witnessed by _____

Remarks: _____

1. Ran 1" Tubing & Tagged to 2318'

Pumped 150 sx cement circulated to surface.

3 centralizers bottom 3 joints