

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Humble Oil & Refg</u>		Lease <u>Huapache Unit</u>		Well # <u>12</u>	
Location of Well	Unit <u>0</u>	Section <u>30</u>	Township <u>24</u>	Range <u>23</u>	County <u>Eddy</u>
Drilling Contractor	<u>8235 1634 E</u>		Type of Equipment <u>Rotary</u>		

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>15</u>	<u>11 3/4</u>	<u>42</u>		<u>40</u>	<u>Circ</u>
<u>11</u>	<u>8 5/8</u>	<u>28</u>		<u>1400</u>	<u>Circ</u>
<u>7 7/8</u>	<u>4 1/2</u>	<u>9.5</u>		<u>6000</u>	<u>200</u>

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 Guid Float collar used ✓ Btm 3 jts welded Fluid Lock
TD of hole 1270 Set _____ Feet of 8 5/8 Inch 28 # Grade H46
New-used csg. @ TD with 100 sacks neat cement around shoe
+ 500 sax Class H 2% Ca additives 4% gel 12 1/2 gilsonite 2 1/2 # flocculants
Plug down @ 3:00 (AM) (PM) Date 9-12-67

Cement circulated _____ No. of Sacks _____

Cemented by Halliburton (Deans) Witnessed by Stamets

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: Fluid level 35' or - . Could see water and cement circulating at 35' . When plug down dropped rope into hole . Cement on end of rope . WOC 2 hrs . Ran 4 bgs in hole . Found cement on collar at top of 4th joint .

Water level 30-35' g/l . Maximum water at 250' .
Centralizers on bottom 3 joints
Buckets at 730', 575', 365', 300' and 115'

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	/
FILE	/-
U.S.G.S.	2
LAND OFFICE	
OPERATOR	/

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

AMENDED FILING

Spd. 9-8-67

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Harpache Unit	
2. Name of Operator		8. Farm or Lease Name	
HUMBLE OIL & REFINING COMPANY		Harpache Unit	
3. Address of Operator		9. Well No.	
BOX 1600, MIDLAND, TEXAS		12	
4. Location of Well UNIT LETTER O LOCATED 823 FEET FROM THE South LINE AND 1634 FEET FROM THE East LINE OF SEC. 30 TWP. 24-S RGE. 23-E NMPM		10. Field and Pool, or Wildcat	
		Wildcat	
		12. County	
		Eddy.	
		19. Proposed Depth	
		6000	
		19A. Formation	
		Strawn	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DE, RT, etc.)		21B. Drilling Contractor	
To be filed later		Unknown	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket on file		September 5, 1967	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11-3/4"	42#	40'	30 sks.	Circ. to surface
11"	8-5/8"	28#	1400'	450 sks.*	Circ. to surface
7-7/8"	4-1/2"	9.5#	6000'	200 sks.	**

*400 sacks of cement with 4% Gel, 2% CaCl₂, and 12# of Gilsonite added per sack. Also use 50 sacks of Neat cement with 2% CaCl₂ around the casing shoe (200' of Neat cement outside the surface casing).

*Circulate cement to at least 600' above the top of the uppermost pay zone.

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Waiting on cement time: 18 hours on all strings.
HOWCO method of cementing to be used.
No coring planned.

AUG 24 1967

O. C. C.
ARTESIA, OFFICE

Amended to change the amount of cement additive as requested by State Water Engineer,
Roswell, New Mexico.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed J. E. Pinkerton Title Agent Date August 23, 1967

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE AUG 25 1967

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 7/8" casing

Cement must be circulated to
surface behind 8 7/8" casing