

10-26-66 & 10-27-66

R. L. Stamets

4:25 P.M.

2:10 P.M.

98

To Hanagan Pet. Corp., N. Huaphache Unit #2 P 24-22-22 to witness cementing of water protection string.

TD 1900 ft. Before running csg. pumped in 300 bbl mud, no returns. Ran csg. to TD and cemented as follows:

600 sx class C, 12 $\frac{1}{2}$ # gilsonite & $\frac{1}{4}$ # flocele per sack, 4% gel, 2% Cacl

100 sx class C, 14# flocele per sack 2% Cacl

Cement baskets at 740, 773 & 806 above water zone at 300 feet.

Cement mixed at 8:10 P.M. plug would only go down to 670 feet.

Calculated volume of cement behind pipe sufficient to circulate but did not.

10-27-66 3:00 A.M. Ran tubing to 773 feet and tagged cement or basket, pulled 2 joints and cemented with 50 sx class C 12 $\frac{1}{2}$ # gilsonite & $\frac{1}{4}$ # flocele per sack, 4% gel, 2% Cacl. At 5:00 a.m. found no apparent fill up and repeated above. At 7:30 a.m. ditto. Cementer did not appear to have pumps of sufficient volume to cause a bridge or seal. At 12:30 P.M. filled annulus with 7 $\frac{1}{2}$ to 8 yards of ready mix.

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER 100
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Hunigan Petroleum Corp.</u>		Lease <u>North Huapache Unit</u>		Well # <u>2</u>	
Location of Well	Unit <u>P 66058E</u>	Section <u>24</u>	Township <u>22</u>	Range <u>22</u>	County <u>Eddy</u>
Drilling Contractor	<u>Lowell</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>17 1/2</u>	<u>13 3/8</u>	<u>45</u>		<u>200</u>	<u>Circ</u>
<u>12 1/4</u>	<u>8 5/8</u>	<u>24</u>		<u>1900</u>	<u>Circ</u>
<u>7 7/8</u>	<u>4 1/2</u>	<u>9.5 & 11.6</u>		<u>10000</u>	<u>150</u>

Casing Data:

Surface 61 joints of 8 5/8 inch 24 # Grade J 5

(Approved) (Rejected)

Inspected by R. J. L. date 10-26-66

Cementing Program

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

Type of Shoe used Float Float collar used Btm 3 jts welded Third L-R

TD of hole 1900 Set 1883 Feet of 8 5/8 Inch 24 # Grade J 5

New-used csg. @ 1899 with sacks neat cement around shoe

+ sax additives See back side

Plug down @ (AM) (PM) Date

Cement circulated No. of Sacks

Cemented by Witnessed by

Temp. Survey ran @ (AM) (PM) Date top cement @

Casing test @ (AM) (PM) Date

Method Used Witnessed by

Checked for shut off @ 1:00 PM Date 10-28-66

Method used Dusting 1924-29 Witnessed by R. J. L. Hammett

Remarks: