

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Hargan Pitt Corp.</u>		Lease <u>Little Bear Oil & Gas Co.</u>		Well # <u>3</u>	
Location of Well	Unit <u>920 NW 1/4</u>	Section <u>36</u>	Township <u>21</u>	Range <u>25</u>	County <u>Eddy</u>

Drilling Contractor <u>Moore</u>	Type of Equipment <u>Rotary</u>
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APPROVED CASING PROGRAM 5-5-72

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>54</u>		<u>500</u>	<u>250 lbs.</u>
<u>12 1/4" + 11"</u>	<u>8 3/8"</u>	<u>24</u>		<u>2100</u>	<u>450 lbs.</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>11.6</u>		<u>10900</u>	<u>385</u>

Casing Data: 500' 12" 11 1/2" 450' 3" 11 1/2" 150' 11 1/2" 150' 11 1/2"

Surface 70 joints of 8 3/8" inch # Grade K-5 ST&C (Approved) (Rejected)

Inspected by James H. date 5-15-72

Cementing Program 12:00 to 4:00 PM

Size of hole 11 1/2" Size of Casing _____ Sacks cement required _____

Type of Shoe used Ball (Float collar used yes Btm 3 jts welded yes)

TD of hole 2130 Set _____ Feet of 8 3/8" inch # Grade K-5

New ~~used~~ csg. @ _____ with 150 sacks neat cement around shoe

+ 300 HL sax 150 additives 21:00

Plug down @ * _____ (AM) (PM) Date 5-15-72

Cement circulated 700 No. of Sacks _____

Cemented by _____ Witnessed by James H.

Temp. Survey ran @ 3 (AM) (PM) Date 5-15-72 top cement @ 21:00

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

Method Used _____ Witnessed by _____

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

Method used _____ Witnessed by _____

Remarks: 2 1/2" 8 3/8" 150' 11 1/2" 150' 11 1/2" 150' 11 1/2"

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