

30-015-28258

Operator <i>Marathon Oil Co.</i>		Lease <i>N. Indian Basin Ut.</i>		Well # <i>12</i>	
Location of Well	Unit <i>M</i>	Section <i>2</i>	Township <i>21</i>	Range <i>23</i>	County <i>Eddy</i>
Drilling Contractor	<i>NA</i>		Type of Equipment <i>Rotary</i>		

APPROVED CASING PROGRAM

* Witness

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<i>20</i>	<i>16</i>	<i>Conductor</i>		<i>60</i>	<i>Surf Redimix</i>
<i>14 3/4</i>	<i>* 9 5/8</i>	<i>36</i>		<i>1250</i>	<i>1400 Surf</i>
<i>8 3/4</i>	<i>7</i>	<i>23 + 26</i>		<i>8000</i>	<i>1100 Surf</i>

Casing Data:

Surface *28* joints of *9 5/8* inch *36* # Grade *J-55*

(Approved) (Rejected)

Inspected by *Ken Livingston* date *5-29-95*

Cementing Program

Size of hole *14 3/4* Size of Casing *9 5/8* Sacks cement required *625*Type of Shoe used *Tex* Float collar used *Insert Btm 3 jts welded* *yes*TD of hole *1259* Set *1259* Feet of *9 5/8* Inch *36* # Grade *T-55*New-used csg. @ *1259* with *200%* sacks neat cement around shoe *1/4* # sacks cement + *225* sax *PSLC 65-35-6* additives + *3%* *CaCl2* + *10* # *SK gilsonite*Plug down @ *12:30* (AM) (PM) Date *5-29-95*

Cement circulated _____ No. of Sacks _____

Cemented by *Western* Witnessed by _____Temp. Survey ran @ *4:30* (AM) (PM) Date *5-29-95* stop cement @ *220'* Tag @ *232'*

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

Method Used _____ Witnessed by _____

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

Method used _____ Witnessed by _____

Remarks: *Lead 200 SK H + 12% Thix set 10 #/SK gilsonite + 2%**cello seal, 2% CaCl2 4:30 temp. read. 220' Tag to 232'**5:00 1st stage C/W 150 L/C 2% Tag to 260'**6:30 2nd stage C/W 200 L/C 2% Tag to 260'*