

30-015-28232

Operator <i>Marathon Oil Co</i>		Lease <i>N. Indian Basin Ut.</i>		Well # <i>11</i>	
Location of Well	Unit <i>0</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>Redi mix Surf</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 _____ joints of *9 5/8"* inch *36* # Grade _____

(Approved) (Rejected)

Inspected by *M.S.* date _____

Cementing Program

Size of hole *14 3/4"* Size of Casing *9 5/8"* Sacks cement required _____Type of Shoe used *guide* Float collar used *12 sec 1* Btm 3 jts welded *yes*TD of hole *1230'* Set *1230'* Feet of *9 5/8"* Inch *36* # Grade *5.55*New-used csg. @ *1230'* with *250* sacks neat cement around shoe+ *925* sax *P/2-C* additives *670 gal.*, *10# gilsonite*, *1/2# celoseal*, *370 cc*

Plug down @ _____ (AM) (PM) Date _____

Cement circulated *No* No. of Sacks *-0-*Cemented by *Western Company* Witnessed by *Nike Stubblefield*Temp. Survey ran @ *4:00* (AM) (PM) Date *2-1-95* top cement @ *870'* *

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

Method Used _____ Witnessed by _____

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

Method used _____ Witnessed by _____

Remarks: *+ 200 cc thixset 10# gil, 1/2# celo, 270 cc*

14 3/4" hole R.T. - 47 hours

L.C. - 800' - 900'

1. Run 1" Tbg + Tagged to c @ 1050'
cement w/ 75 sx cl. c. 370 cc

Fluid level @ 180'

2. Run 1" Tbg + Tagged to c @ 857'
cement w/ 75 sx cl. c. 370 cc

3. Run 1" Tbg + Tagged to c @ 597'
cement w/ 125 sx cl. c. 370 cc

4. Run 1" Tbg + Tagged to c @ 596'
cement w/ 75 sx cl. c. 370 cc

5. Run 1" Tbg + Tagged to c @ 593'
cement w/ 75 sx cl. c. 470 cc

6. Run 1" Tbg + Tagged to c @ 593'
cement w/ 50 sx cl. c. 470 cc

7. Run 1" Tbg + Tagged to c @ 593'
dumped 5 yds pea gravel - No fill
cement w/ 50 sx cl. c. 470 cc

8. Run 1" Tbg + Tagged to c @ 150'
cement w/ 175 sx cl. c. 470 cc

9. Run 1" Tbg + Tagged to c @ 125'
cement w/ 75 sx cl. c. 470 cc
cement circulated to surface.