

30-015-28729

Operator <u>Devon Energy Corp</u>		Lease <u>Cactus State</u>			Well # <u>12</u>
Location of Well	Unit <u>A</u>	Section <u>16</u>	Township <u>21</u>	Range <u>26</u>	County <u>Eddy</u>
Drilling Contractor	<u>NA</u>		Type of Equipment <u>R</u>		

APPROVED CASING PROGRAM

* Witness 8 5/8

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>48</u>		<u>350</u>	<u>400 Surf</u>
<u>12 1/4</u>	* <u>8 5/8</u>	<u>24</u>		<u>2100</u>	<u>950 Surf</u>
<u>7 7/8</u>	<u>5 1/2</u>	<u>15.5</u>		<u>3500</u>	<u>500 Surf</u>

Casing Data:

Surface _____ joints of 8 5/8" inch 24 # Grade K-55

(Approved) (Rejected)

Inspected by m.s. date _____

Cementing Program

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

Type of Shoe used guide Float coliar used yes Btm 3 jts welded yes

TD of hole 2100' Set 2100' Feet of 8 5/8" Inch 24 # Grade K-55

(New)-used csg. @ 2100' with 200 270cc sacks neat cement around shoe

+ 555 sax 2 3/4 gal. C additives 670 gal., 1/4" ecco, 10 # K/sca.

Plug down @ 1:30 (AM) (PM) Date 5-2-96

Cement circulated No No. of Sacks -0-

Cemented by B.J. Witnessed by Mike Stubblefield

Temp. Survey ran @ 7:30 (AM) (PM) Date 5-2-96 top cement @ 1200'

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

Method Used _____ Witnessed by _____

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

Method used _____ Witnessed by voids drilling well.

Remarks: + 200 ci. C. 1070 gyp scal - 10 # K/sca - 270cc 720' - 810'

1135' - 1145'

1180' - 1210'

12 1/4" hole B.T. - 44 hrs.

lost circ. - 720'

1. Tag \odot 1212' w/50 SX Cl. C. 10% thickset 270 cc Wtr level \odot 230'
2. Tag \odot 1268' w/50 SX Cl. C. 10% thickset 270 cc
3. Tag \odot 1246' w/50 SX Cl. C. 10% thickset 270 cc
4. Tag \odot 1150' w/50 SX Cl. C. 10% thickset 270 cc + 3 yds $\frac{3}{8}$ " pea gravel
5. Tag \odot 825' w/50 SX Cl. C. 10% thickset 270 cc
6. Tag \odot 515' w/50 SX Cl. C. 10% thickset 270 cc
7. Tag \odot 500' w/50 SX Cl. C. 10% thickset 270 cc
8. Tag \odot 780' w/50 SX Cl. C. 10% thickset 270 cc
9. Tag \odot 631' w/50 SX Cl. C. 10% thickset 270 cc
10. Tag \odot 498' w/50 SX Cl. C. 10% thickset 270 cc
11. Tag \odot 788' w/50 SX Cl. C. 10% thickset 270 cc
12. Tag \odot 788' w/50 SX Cl. C. 10% thickset 270 cc
13. Tag \odot 288' w/50 SX Cl. C. 10% thickset 270 cc + 10 yds $\frac{3}{8}$ " pea gravel.
14. Tag \odot 288' w/50 SX Cl. C. 10% thickset 270 cc + 10 yds $\frac{3}{8}$ " pea gravel
15. Tag \odot 1205' w/50 SX Cl. C. 10% thickset 270 cc + 50 yds $\frac{3}{8}$ " pea gravel.
16. Tag \odot 1202' w/50 SX Cl. C. 10% thickset 270 cc + 20 yds $\frac{3}{8}$ " pea gravel.
17. Tag \odot 1200' w/50 SX Cl. C. 10% thickset 270 cc + 10 yds $\frac{3}{8}$ " pea gravel.
18. Tag \odot 1204' w/25 SX Cl. C. 10% thickset 270 cc + 10 yds chat.
19. Tag \odot 1182' w/25 SX Cl. C. 10% thickset 270 cc + 4 yds chat.
20. Tag \odot 1195' w/25 SX Cl. C. 470 cc
21. Tag \odot 1186' w/25 SX Cl. C. 470 cc
22. Tag \odot 1186' w/25 SX Cl. C. 470 cc
23. Tag \odot 1172' w/25 SX Cl. C. 470 cc
24. Tag \odot 1185' w/25 SX Cl. C. 470 cc
25. Tag \odot 1195' w/50 SX Cl. C. 470 cc.
26. Tag \odot 1194' w/50 SX Cl. C. 470 cc
27. Tag \odot 1195' w/25 SX Cl. C. 10% thickset. 270 cc 20 yds pea gravel.
28. Tag \odot 1193' w/25 SX Cl. C. 10% thickset. 270 cc 10 yds pea gravel.

29. Tag \odot 1196' w/ 255x Cl. C. 1090 thixset + 10 yds $\frac{1}{2}$ " pea gravel.
30. Tag \odot 1194' w/ 255x Cl. C. 1090 thixset
12 BBLs surebond.
w/ 255x Cl. C. 1090 thixset
31. Tag \odot 1193' w/ 255x Cl. C. 1090 thixset
12 BBLs surebond
w/ 255x Cl. C. 1090 thixset
32. Tag \odot 1194' w/ 255x Cl. C. 1090 thixset
12 BBLs surebond
w/ 255x Cl. C. 1090 thixset.
33. Tag \odot 1194' + 60 yds $\frac{3}{8}$ " pea gravel.
+ 40 yds 6sx mix ready mix.
34. Tag \odot 1203' RIH with 2 strings 1" thg set \odot 1143'
w/ 500 gal surebond. 505x Cl. C. 270cc
35. Tag \odot 1190' w/ 255x Cl. C. 270cc 210' also 255x Cl. C. 270cc
36. Tag \odot 890' w/ 505x Cl. C. 270cc + 320 gal surebond.
37. Tag \odot - RIH. to 1452' in side hole of well bore.
set thg \odot 368' w/ 255x Cl. C. 270cc
+ 210 gals surebond.
w/ 255x Cl. C. 270cc
38. Tag \odot 486' w/ 255x Cl. C. 270cc.
39. Tag \odot 376' w/ 1805x Cl. C.
cement circulated to surface.