COMPANY | FARM | WELL NO.

SEC. TWP. . RGE. LOC. | COUNTY | STATE

CONTRACTOR | SIZE HOLE | DRILL PIPE

REMARKS: 787 - 98 1
98 - 53 3
99 - 800 2
800 - 01 2

SIZE PUMP LINERS | LENGTH STROKE

DATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| 800 | 09 13 | 4 | |
| | 15 | 2 | |
| | 20 | 4 | |
| | 23 | 3 | |
| 10 | 25 | 2 | |
| | 27 | 2 | |
| | 29 | 2 | |
| | 32 | 3 | |
| | 35 | 3 | |
| 20 | 43 | 8 | |
| | 47 | 4 | |
| | 51 | 4 | |
| | 57 | 2 | |
| | 1103 | 6 | |
| 30 | 07 | 4 | |
| | 10 | 3 | |
| | 13 | 3 | |
| | 16 | 3 | |
| | 18 | 2 | |
| 40 | 20 | 2 | |
| | 22 | 2 | |
| | 24 | 2 | |
| | 29 | 2 | |
| | 33 | 4 | |
| 50 | 37 | 4 | |
| | 39 | 2 | |
| | 41 | 2 | |
| | 43 | 2 | |
| | 46 | 3 | |
| 60 | 50 | 4 | |
| | 56 | 6 | |
| | 1200 | 4 | |
| | 10 | 2 | |
| | 12 | 2 | |
| 70 | 14 | 2 | |
| | 16 | 2 | |
| | 20 | 2 | |
| | 22 | 2 | |
| | 24 | 2 | |
| 80 | 26 | 2 | |
| | 30 | 4 | |
| | 37 | 3 | — 83 |
| | 40 | 3 | |
| | 43 | 3 | |
| 90 | 47 | 4 | |
| | 51 | 4 | |
| | 53 | 2 | |
| | 55 | 2 | |
| | 58 | 3 | |
| | 101 | 3 | |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| 900 | 101 05 | 4 | |
| | 10 | 3 | — 03 |
| | 13 | 3 | |
| | 16 | 3 | |
| 10 | 19 | 3 | |
| | 23 | 4 | |
| | 26 | 3 | |
| | 30 | 3 | |
| | 33 | 3 | |
| 20 | 37 | 4 | |
| | 40 | 3 | |
| | 46 | 3 | |
| | 49 | 3 | |
| | 53 | 4 | |
| 30 | 58 | 3 | |
| | 59 | 3 | |
| | 201 | 2 | |
| | 03 | 2 | |
| | 05 | 2 | |
| 40 | 07 | 2 | |
| | 09 | 2 | |
| | 15 | 2 | |
| | 17 | 2 | |
| | 19 | 2 | |
| 50 | 23 | 4 | |
| | 27 | 4 | |
| | 31 | 4 | |
| | 35 | 4 | |
| | 38 | 3 | |
| 60 | 41 | 3 | |
| | 43 | 2 | |
| | 48 | 2 | |
| | 53 | 5 | |
| | 57 | 4 | |
| 70 | 300 | 3 | |
| | 3 | 3 | |
| | 6 | 3 | |
| | 9 | 3 | |
| | 12 | 3 | |
| 80 | 15 | 3 | |
| | 17 | 2 | |
| | 21 | 2 | |
| | 23 | 2 | |
| | 25 | 2 | |
| 90 | 27 | 2 | |
| | 29 | 2 | |
| | 31 | 2 | |
| | 34 | 3 | |
| | 37 | 3 | |
| 1000 | 40 | 3 | |

COMPANY FARM WELL NO.

SEC. TWP. RGE. LOC. COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

ATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| 000 | 40 43½ | 3½ | |
| | 50 | 3 | |
| | 52 | 2 | |
| | 54 | 2 | |
| 10 | 58 | 4 | |
| | 403 | 5 | |
| | 6 | 3 | |
| | 11 | 5 | |
| | 18 | 7 | |
| 20 | 20 | 2 | |
| | 22 | 2 | |
| | 27 | 2 | |
| | 29 | 2 | |
| | 33 | 4 | |
| 30 | 36 | 3 | |
| | 39 | 3 | |
| | 41 | 2 | |
| | 43 | 2 | |
| | 45 | 2 | |
| 40 | 47 | 2 | |
| | 49 | 2 | |
| | 54 | 2 | |
| | 52 | 2 | |
| | 58 | 2 | |
| 50 | 500 | 2 | |
| | 2 | 2 | |
| | 4 | 2 | |
| | 6 | 2 | |
| | 9 | 3 | |
| 60 | 11 | 2 | |
| | 13 | 2 | |
| | 17 | 2 | |
| | 19 | 2 | |
| | 21 | 2 | |
| 70 | 23 | 2 | |
| | 24 | 1 | |
| | 26 | 2 | |
| | 29 | 3 | |
| | 32 | 3 | |
| 80 | 34 | 2 | |
| | 37 | 3 | |
| | 43 | 2 | |
| | 45 | 2 | |
| | 47 | 2 | |
| 90 | | 2 | |
| | | 2 | |
| | | 2 | |
| | | 2 | |
| | | 2 | |
| 1100 | | 2 | |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| 1100 | | 2 | |
| | 605 | 2 | |
| | 07 | 2 | |
| | 09 | 2 | |
| 10 | 13 | 4 | |
| | 17 | 4 | |
| | 21 | 4 | |
| | 24 | 3 | |
| | 27 | 3 | |
| 20 | 29 | 2 | |
| | 31 | 2 | |
| | 33 | 2 | |
| | 36 | 3 | |
| | 39 | 3 | |
| 30 | 41 | 2 | |
| | 43 | 2 | |
| | 45 | 2 | |
| | 47 | 2 | |
| | 49 | 2 | |
| 40 | 57 | 2 | |
| | 53 | 2 | |
| | 57 | 2 | |
| | 701 | 3 | |
| | 05 | 4 | |
| 50 | 07 | 3 | |
| | 10 | 3 | |
| | 13 | 3 | |
| | 15 | 2 | |
| | 18 | 3 | |
| 60 | 4 | 3 | |
| | 24 | 3 | |
| | 41 | 3 | |
| | 44 | 3 | |
| | 48 | 4 | |
| 70 | 800 | 2 | |
| | 1 | 1 | |
| | 3 | 2 | |
| | 5 | 2 | |
| | 7 | 2 | |
| 80 | 9 | 2 | |
| | 11 | 2 | |
| | 16 | 2 | |
| | 18 | 2 | |
| | 20 | 2 | |
| 90 | 22 | 2 | |
| | 24 | 2 | |
| | 26 | 2 | |
| | 28 | 2 | |
| | 30 | 2 | |
| 1200 | 32 | 2 | |

COMPANY FARM WELL NO.

SEC. TWP. RGE. LOC. COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

ATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| ~~200~~ | ~~32~~ 35 | 3 | |
| | ~~39~~ | 2 | |
| | 41 | 2 | |
| | 43 | 2 | |
| 10 | 47 | 4 | |
| | 51 | 4 | |
| | 55 | 4 | |
| | 900 | 5 | |
| | 3 | 3 | |
| 20 | 5 | 2 | |
| | 7 | 2 | |
| | ~~23~~ | 2 | |
| | 25 | 2 | mud up |
| | 26 | 1 | |
| 30 | ~~28~~ | 1 | |
| | 29 | 2 | |
| | 31 | 2 | |
| | 34 | 3 | |
| | 37 | 3 | |
| 40 | 41 | 4 | |
| | 45 | 4 | |
| | ~~51~~ | 4 | |
| | 55 | 4 | |
| | 59 | 4 | |
| ~~50~~ | 1002 | 3 | |
| | 06 | 4 | |
| | 10 | 4 | |
| | 14 | 4 | |
| | 18 | 4 | |
| 60 | 22 | 4 | |
| | 23 | 1 | |
| | ~~81~~ | 2 | |
| | 35 | 4 | |
| | 37 | 2 | |
| 70 | 39 | 2 | |
| | 42 | 3 | |
| | 45 | 3 | |
| | 48 | 3 | |
| | 51 | 3 | |
| 80 | 54 | 3 | |
| | 57 | 3 | |
| | ~~05~~ | 3 | |
| | 08 | 3 | |
| | 11 | 3 | |
| 90 | 13 | 2 | |
| | 16 | 3 | |
| | 19 | 3 | |
| | 21 | 2 | |
| | 24 | 3 | |
| ~~1200~~ | 26 | 2 | |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| ~~1300~~ | | 2 | |
| | ~~33~~ 35 | 2 | |
| | 37 | 2 | |
| | 39 | 2 | |
| 10 | 41 | 2 | |
| | 44 | 3 | |
| | 46 | 2 | |
| | 48 | 2 | |
| | 50 | 3 | |
| 20 | 54 | 2 | |
| | | 3 | |
| | ~~03~~ | 3 | |
| | 6 | 3 | |
| | 10 | 4 | |
| ~~30~~ | 14 | 4 | |
| | 18 | 4 | |
| | 22 | 4 | |
| | 26 | 4 | |
| | 30 | 4 | |
| 40 | 35 | 5 | |
| | 40 | 5 | |
| | ~~43~~ | | |
| | ~~46~~ | 3 | |
| | 49 | 3 | |
| 50 | 52 | 3 | |
| | 55 | 3 | |
| | 58 | 3 | |
| | 101½ | 3½ | |
| | 105½ | 4 | |
| 60 | 11 | 5½ | |
| | | 2 | |
| | | 3 | |
| | | 2 | |
| | | 2 | |
| 70 | | 3 | |
| | | 3 | |
| | | 4 | |
| | | 4 | |
| | | 4 | |
| 80 | | 4 | |
| | 27 | 4 | |
| | ~~36~~ 39 | 3 | |
| | 42 | 3 | |
| | 45 | 3 | |
| 90 | 49 | 4 | |
| | ~~52~~ | 3 | |
| | ~~56~~ | 3 | |
| | ~~400~~ | 3 | |
| | ~~04~~ | 4 | |
| 1400 | 09 | 4 | |

COMPANY FARM WELL NO.

SEC. TWP. RGE. LOC. COUNTY STATE

CONTRACTOR SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

23-8-21E

ATE

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| 400 | | 4 | |
| | 17 | 3 | |
| | 21 | 4 | |
| | 24 | 3 | |
| 10 | 27 | 3 | |
| | 31 | 4 | |
| | 34 | 3 | |
| | 38 | 4 | |
| | 45 | 7 | |
| 20 | 52 | 7 | |
| | 500 | 8 | |
| | 10 | 7 | |
| | 16 | 6 | |
| | 23 | 7 | |
| 30 | 30 | 7 | |
| | 34 | 4 | |
| | 40 | 6 | |
| | 47 | 7 | |
| | 54 | 7 | |
| 40 | 6:00 | 6 | |
| | 6:07 | 7 | |
| | 16 | 4 | |
| | 21 | 5 | |
| | 25 | 4 | |
| 50 | 31 | 6 | |
| | 38 | 7 | |
| | 45 | 7 | |
| | 53 | 8 | |
| | 7:01 | 8 | |
| 60 | 09 | 8 | |
| | 15 | 6 | |
| | 22 | 7 | |
| | 25 | 3 | |
| | 30 | 5 | |
| 70 | 33 | 3 | |
| | 37 | 4 | |
| | 42 | 5 | |
| | 46 | 4 | |
| | 53 | 7 | |
| 80 | | | |

| DEPTH | TIME O'CLOCK | MIN. | REMARKS |
|---|---|---|---|
| | | | |

GL 1023 7"@156'

Htb 35 (+988) -2
Bkc 643 (+380) -3
Cher 892 (+131) -8

1023
892
131

5-30 Move on loc, rig up, drill surf. hole
5-31 pull, 7"@156', plug down @
6-1 1150
6-2
6-3

850-54 Sh, blk, frssile
54-62 LS, wh mostly fxln, sl/ foss, dns
62-76 sh, gy to grn-gy, tr ss @ top
76-80 Sh, blk, frssile
80-92 LS, tan, mostly fxln, dns
Cherokee 892 (+131) -8
92-96 Sh, blk, frssile, r.
96-904 SS, fg, qtz, glauc., sli mica, fr-prsty, ns
04-32 sh, grn-gy & some red-brn, tr ss AA
32-45 sh, mostly lt. gy
45-48 Coal
48-62 Sh, gy, sdy
62-64 Coal
64-89 Sh, gy, sli silty
89-97 Coal
97-1000 LS, tan, fxln, dns
1000-08 Sh, grn-gy
08-18 LS, lt. brn, fxln, dns

Night Vane
John
Mark

Day Bruce

18-24 Sh, blk frsnts & coal
24-32 SS, wh, fg, dns
32-38 Sh, dk gy & coal
38-60 Sh, lt. gy to v. lt. gy
60-68 Sh, gy
68-74 Sh, blk, tr. coal
74-86 Sh, gy & lt. gy
86-96 Sh, gy, brn & yel-brn
96-99 Sh, blk & coal
99-1108 Sh lt. grn-gy
08-20 Siltst, wh, mostly tight & silty ss, vfg, wh, tight
20-25 Sh, dk gy & blk
25-40 Sh, lt gy, sli silty in pt
-8 40-44 Coal & sh. blk
44-68 Sh, gy, sdy in pt & ~~thin ss stringers~~
68-86 SS, mg, qtz, subrnd, w.srtd, ~~fri~~, NS
86-90 Sh v. lt. gy
90-98 Sh, gy
98-1200 Coal, pyr.
00-12 Sh, gy to bl-gy
12-17 Cs, tan, frac'd, dns
17-60 Sh bl-gy to gy, & thin ss stringers fg, sli mica, fi carb mat.

Coal Marker 1260 (-237) -91

60-64 Coal
64-70 SS, wh, f-mg, qtz, mostly tight, some fr
70-82 Sh, gy to dk gy
82-88 Sh, lt gy, silty & sli sdy
88-1305 Sh, lt gy w/ thin ss stringers, fi carb mat & tr mi
05-20 Sh, dk gy
20-36 Sh gy tr lt bl-gy
36-46 Siltst, wh, lmy & ~~vfg ss~~
46-48 Coal
46-55 Sh, blk & brn, dns
55-60 LS, brn, frac'n, foss, dns
60-92 Sh, blk, tr lt grn-gy

92-1406 sh gry few thin ss lam. fg, tt, tr OO

06-16 sh, grn-gy, gy, tr rd brn, tr cht & ss, fg, tt

Miss St. Louis 1416 (-393) -4

16-52 LS, crm to lt. tan, vfxln, tr org cht dns (mdst)
tr oolite @ base tightly cem.

52-59 LS, tan, sl. odor, cg, rnd foss grns & ctd grns, tr org cht. pr-fr vug por,
SS tan, NSFO (grnst); some grn-gy sh

59-62 LS, AA, plus tr oolite, tight NS (grnst)

Miss Osagean 1462 (-439)

62-65 sh, bl-grn-gy & bl-gy

65-76 silty dol., gry & lt bl-gy, vfxln, tight

76-80 cht, clr, opaque & lt. bl. foss

80-85 cs, tan, frags, ~~some fxln~~, rnd foss grns Some fxln, tight NS

16
23
393

462
1023
439