

DAILY DRILLING REPORT

OPERATOR: WARD FEED YARD, INC.

WELLSITE GEOLOGIST: KIM SHOEMAKER

CONTRACTOR: L. D. DRILLING, INC.

SPUD: 5-14-01 @ 9:15 PM

LEASE: WARD FEED YARD #2

30' East & 20' North of
C E/2 NW/4 Sec. 23-23-16
PN. CO.

ELEVATION:

2048 GR 2053 KB

PTD: 4200'

SURFACE: Ran 8 Jts. new 8 5/8" 24# Set @ 342' W/225 sx. 60/40 pozmix, 2% Gel, 3% CC
Plug down @ 4:15 A.M. 5-15-01 Did circulate. Allied Cement
L. D. Drilling surface pipe. Water from irrigation well on property.

5-14-01 Move in, rig up and spud
5-15-01 345' WOC (will go under surf. @ 12:15pm)
5-16-01 1655' Drilling
5-17-01 2135' Drilling
5-18-01 2910' Drilling
5-19-01 3535' Drilling
5-20-01 4065' Drilling
5-21-01 4198' RTD Logging

Ran 99 Jts. New 10.5# 4 1/2" production csg.
Set at 4196' Flush W/500 gal asf
Cement W/150 sx. ASC 5# Kol-Seal per sk.
15 sx. in rathole. Plug down 6:30 PM 5-21-01
Allied Cementing

Waiting on Completion tools

DST #1 2032 - 2091 Chase

TIMES: 30 45 45 60

BLOW: 1st Open 6" blow
2nd open no blow

RECOVERY: 65' mud

IFP: 15-25 FFP: 25-45 ISIP: 216 FSIP: 234
temp 85°

DST #2 4052-4116 Viola

TIMES: 30-45-45-60

BLOW: 1st open bb in 1 1/2 min
2nd open bb immediately gts 40 m
RECOVERY: 55' gcm 5600 cfs

IFP: 19-31 FFP: 27-69 ISIP: 884 FSIP: 1085

DST #3

TIMES:

BLOW: 1st open
2nd open

RECOVERY:

IFP: FFP: ISIP: FSIP:

SAMPLE TOPS:

Anhydrite	1023-1042	1020 (+1033)
Chase	2054- 1	2056 (-3)
Tarkio	3018 (-965)	3018 (-965)
Howard	3133 (-1080)	3135 (-1082)
Topeka	3166 (-1113)	3166 (-1113)
Heebner	3555 (-1502)	3555 (-1502)
Brown Lime	3678 (-1625)	3679 (-1626)
Lans K/C	3686 (-1633)	3687 (-1634)
Base K/C	3951 (-1898)	3948 (-1895)
Viola	4088 (-2035)	4090 (-2037)
Simpson	4133 (-2080)	4133 (-2080)
Arb.	4193 (-2140)	4195 (-2148)
RTD	4198 (-2145) LTD	4201 (-2148)