

ABERCROMBIE RTD, INC.

150 N. MAIN, SUITE 801

WICHITA, KANSAS 67202

SCHROEDER #1 (Rig #8)

SW NW

Sec. 26-11S-31W

Gove Co., KS

OPERATOR: Viking Resources, Inc.

CONTRACTOR: Abercrombie RTD, Inc.

ELEVATION: GL 2910'

KB 2915'

Viking Resources, Inc.

105 S. Broadway, #1040

Wichita, KS 67202-4224

(316) 262-2502

API #15-062-21,434

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- 05-18-92 4010' on bottom after DST #2 (3965'-4010'), cut 60'-24 hrs. Drilling 3 3/4 hrs, daywork 20 hrs, repairs 1/4 hr. Bit #2 S85F cut 2049'-54 1/4 hrs. Mud weight 8.9, viscosity 46, p/vis 14/22, gels 8/20, water loss 9.2, pH 10.5, chlorides 1500, solids 4.3, t/sand, t/LCM. Daily mud 276.00, accumulative mud 2784.00. Deviation 1°-3950'. Bit weight 35,000#, rot 70, 950# pump, 56 spm. Pipe strap 3950', strap long 3.10 windy strap.
- 05-19-92 4212' drilling, cut 202'-24 hrs, lime & shale. Drilling 13 hrs, daywork 10 1/4 hrs, repairs 1/4 hr, other 1/4 hr. Bit #2 S85F cut 2251'-67 1/4 hrs. Mud weight 9.3, viscosity 48, p/vis 12/23, gels 9/23, water loss 9.6, pH 10.5, chlorides 2,000, solids 3.3, t/sand, t/LCM. Daily mud 39.49, accumulative mud 2823.49. Bit weight 30,000#, rot 70, 1000# pump, 58 spm.
- 05-20-92 4450' going in with DST #4 (4360'-4450'), cut 238'-24 hrs, lime & shale. Drilling 17 3/4 hrs, daywork 5 hrs, repairs 3/4 hr, other 1/4 hr. Bit #2 S85F cut 2489'-85 hrs, SN 559552. Mud weight 9.3, viscosity 45, p/vis 10/21, gels 9/23, water loss 8.8, pH 10.5, chlorides 2500, solids 6.1, t/sand, 1/2# LCM. Daily mud 168.00, accumulative mud 2991.00. Bit weight 35,000#, rot 70, 58 spm, 1000# pump.
- 05-21-92 4617' RTD, 4619' LTD, logging, cut 167'-24 hrs, lime & shale. Drilling 10 1/4 hrs, daywork 13 1/4 hrs, other 1/4 hr. Bit #2 S85F in at 1961', cut 2656'-95 1/4 hrs, SN 559552. Mud weight 9.3, viscosity 50, p/vis 11/19, gels 11/21, water loss 9.2, pH 10.5, chlorides 2,000, solids 5.4, t/sand, t/LCM. Daily mud 194.00, accumulative mud 3333.00. Bit weight 35,000#, rot 70, 1000# pump, 58 spm.

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05-13-92 Moving to location.

Anhydrite (2422'-2448')

05-14-92 Spud 3:30 p.m. 5-13-92. Ran 5 joints of 8 5/8"-20# casing, tally 210.61', set at 218.61. Cemented with 150 sx 60-40 posmix 2% gel 3% cc, by Allied, did circulate. Cut 231' of 12 1/4" hole, deviation 1°-231'. Complete at 7:15 p.m. 5-13-92. Drilled out at 3:15 a.m. 5-14-92. 7:00 a.m. 5-14-92 drilling at 772', cut 772'-24 hrs. Drilling 4 3/4 hrs, daywork 8 hrs, other 11 1/4 hrs. Bit #1 S33 SF in at 231', cut 551'-3 hrs, SN 547783 RT. Mud weight 9.0, viscosity 29. Daily mud 225.00. Bit weight 30,000#, rot 100, 950# pump, 56 spm.

05-15-92 2625' drilling, cut 1853'-24 hrs, lime & shale. Trip 2 1/4 hrs, other 2 hrs. Bit #1 S33SF, in at 231', out at 1961', cut 1730'-12 hrs, SN 547783 RT. Bit #2 S85F in at 1961', cut 664'-10 1/2 hrs, SN 559552. Mud weight 9.1, viscosity 30. Daily mud 0, accumulative mud 280.00, corrected. Deviation 3/4°-802', 1°-1358', 1°-1961', 3/4°-2595'. Bit weight 35,000#, rot 70, 950# pump, 56 spm. Pipe strap 1961', strap long 1.87'.

05-16-92 3420' drilling, cut 795'-24 hrs. Drilling 22 1/4 hrs, other 1 3/4 hrs. Bit #2 S85F in at 1961', cut 1459'-32 3/4 hrs, SN 559552. Mud weight 9.4, viscosity 30. Daily mud 0, accumulative mud 380.00. Deviation 1°-3028'. Bit weight 35,000#, rot 70, 950# pump, 56 spm.

05-17-92 3950' coming out for DST #1 (3905'-3950'), cut 530'-24 hrs, lime & shale. Drilling 17 3/4 hrs, daywork 4 1/4 hrs, other 1 3/4 hrs. Bit #2 S85F cut 1989'-50 1/2 hrs. Mud weight 8.8, viscosity 45, water loss 10.8. Daily mud 2228.00, accumulative mud 2508.00, deviation 3/4°-3617'. Bit weight 35,000#, rot 70, 1000# pump, 56 spm.

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MAY 29 1992

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05-22-92 4617' laying down pipe, preparing to run casing.
Mud weight 9.3, viscosity 50, p/vis 11/19, gels
11/21, water loss 9.2, pH 10.5, chlorides 2,000,
solids 5.4, t/sand, t/LCM. Accumulative mud
3333.00.

05-23-92 Ran 136 joints of 5 $\frac{1}{2}$ "-14# casing, tally 4514',
set at 4519'. Ran 500 bbls mud flush, 40 bbls
Descoe Flush, 150 sx of 60-40 posmix 8% salt 3/4
of 1% CFR-2, by Allied, Complete at 1:15 p.m.
5-22-92.