

Teichmann OWWO #1-5

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #21

Kepwen Prospect #3866
1866' FNL 1242' FEL
Sec. 5-22S-12W
Stafford County, Kansas

Contact Person: Michel Runnion
Phone number: 316-267-3241
Well site Geologist: Charles Schmaltz

Call Depth: MIRT
Spud: 6/21/14 @ 6:00PM
Complete: 6/23/14

API # 15-185-23632-00-01
Casing: 8 5/8" @ 267'
5 1/2" @ 3788'

RTD: 3800'

Elevation: 1867' GL
1878' KB

DAILY INFORMATION:

6/21/14 MIRT

6/22/14 Depth 2684'. Cut 2684'. DT: None. CT: None. Dev.: 1/2° @ 559', 1035' & 2081'. Spud @ 6:00PM 6/21. Location very sandy 2 Cats pulled trucks. Picked up PDC bit & near bit stabilizer & drill cmt plugs & wash to 1033'. TOOH & lay down PDC bit & stabilizer. TIH & wash & ream to 2684'. Circ salt water out @ 1700 when washing down.

6/23/14 RTD: 3800'. Cut 1116'. DT: None. CT: None. Dev.: 1 1/4° @ 3753'. HC @ 3:15PM 6/22. Bridge @ 550', 12:15AM 6/23. TIH & circ 90mins, spot 100BBLs. Pioneer started logging @ 5:45AM 6/23. LTD: 3792'.

6/24/14 RTD: 3800'. Pioneer finished logging @ 9:15AM 6/23. Ran 87jts of 17# 5 1/2" prod csg, set @ 3788'. Basic cmt w/187sxs of AA-2. 30sxs RH, 20sxs MH. RR @ 11:45PM 6/23/14. FINAL REPORT

Teichmann OWWO #1-5 1866FNL 1242FEL Sec. 5-T22S-R12W 1878'KB		
Formation	Log tops	Datum
Anhydrite	678	+1200
B/Anhydrite	695	+1183
Topeka	2818	-940
Heebner	3168	-1290
Toronto	3188	-1310
Lansing	3303	-1425
Stark	3497	-1619
BKC	3542	-1664
Arbuckle	3667	-1789
RTD	3800	
LTD	3792	