

Hoffman B #6 SWD (OWWO)

Well Name: Surface Location: **Bottom Location:** API: License Number:

K.B. Elevation:

Total Depth:

Formation: Drilling Fluid Type:

Company:

Address:

Logged Interval:

N2/S2/NW Sec 7 T16S R13W 15-009-05013-0001

Spud Date: Region: **Drilling Completed:** Surface Coordinates: **Bottom Hole Coordinates:** Ground Elevation: 5088

11/13/2014 **Barton County** 11/17/2014

Time: 9:00 AM 1650' FNL & 1320' FWL 1916.00ft

Time:

Field:

Country:

Name:

Time:

# of Joints

Quartz

12:00 PM

15-009-05013-0001

Seth L. Evenson

**Drilled Out At** 

12:00 PM

Trapp United States

1921.00ft 3400.00ft 3713.00ft

To: 3713.00ft Chemical mud

**OPERATOR** Darrah Oil Company, LLC 225 N. Market Suite #300 Wichita, KS 67202

Contact Phone Nbr: Well Name: Location: Pool: State:

K.B. Elevation:

K.B. to Ground:

E/W Co-ord:

Company:

Address:

Rig Type:

Spud Date:

Surface

Size

10 3/4 in

Bit Size Hole Size

Surf Casing

Dolsec

STRINGER ··· Sandstone Shale

**OIL SHOWS** Even Stn

● Spotted Stn 25 - 50 % O Spotted Stn 1 - 25 % O Questionable Stn D Dead Oil Stn ■ Fluorescence

Contact Geologist:

Seth Evenson (316) 219-3390 Hoffman B #6 SWD (OWWO)

N2/S2/NW Sec 7 T16S R13W API: Kansas

**ELEVATIONS** 1921.00ft Ground Elevation: 1916.00ft 5.00ft

SURFACE CO-ORDINATES

Well Type: Vertical Longitude: Latitude:

**LOGGED BY** 

N/S Co-ord: 1650' FNL

Phone Nbr: (316) 219-3390 Logged By: Geologist

Standard Double

11/13/2014

Intermediate

Set At

345 ft

Darrah Oil Co. LLC 225 N. Market, Suite #300

1320' FWL

CONTRACTOR Mallard J.V. Contractor: Rig #:

9:00 AM TD Date: 11/17/2014 Time: Rig Release: 11/18/2014 Time: 10:00 AM **CASING SUMMARY** 

Main

Type

Int Casing 3419 ft 79 11/17/2014 3:00 PM 7 in **Prod Casing CASING SEQUENCE** Type Hole Size Casing Size At 0.00 ft 0.00 in 0.00

**ROCK TYPES** 

OTHER SYMBOLS

Shcol

**ACCESSORIES** 

Meta

## Spotted Stn 50 - 75 %

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca) Curve Track #01 Interpreted Lithology ROP (min/ft) Depth | Intervals Oil Shows Geological Descriptions Comment Cored Interva **DST Interval** 1:240 Imperial ROP (min/ft) Arbuckle 3379' (-1458) Old TD 3384' (-1463) 3390'-3400': Shale, gry platy, much lms, crm-gry, tite, some sli ool. 3400 3400'-10': Mstly shale, drk gry & maroon. Trc dolo, tan, fn xtln. 3410'-20': Dolomite, crm-tan, brwn, fn-med rhombic xtln, pr-fr intr Casing seat: 7" @ 3419' xtln poro. Vry much shale, gry. maroon & magenta. 3420'-30': A few pcs dolo, off-wht to tan, fn-med xtln rhombic, a few w/scat intr xtln vugs, mst med-hrd res, pr-fr intr xtln poro. Mstly gry & maroon shales. 3430'-40': Dolomite. off-wht to crm, med xtln, rhmbc, a few pcs w/fr-gd intr xtln vuggy poro. A couple pcs w/fr lt brwn scat stn. Trc of gry rhombic dolomite. 3440'-50': Dolo, crm, tan, It gry. Fn-med xtln rhmbc, pr-fr intr xtln vuggy poro. trc pcs w/vry sprs stn. Mstly gry & maroon shales. 3450 3450'-60': Dolo, crm-tan, occ gry, fn-med rhombic xtln, pr-fr intr xtln, vugular poro. A few pcs w/sprs, scat lt brwn stn. 3460'-70': Dolo, crm, fn-med xtln, pr scat intr xtln vuggy poro. 1 pc w gd drk brwn even stn, trc cut. 3470'-80': no sample 3480'-90': Very much shale, gry, grn, maroon. Some lms, crm, tite, some sli chlky. Trace of dolomite. 3490'-3500': Mstly shale & Ims as abv, probably slough. Trc dolo, w/poss It even stn. Poor sample quality. 15 3500 ROP (min/ft) **3500'-10':** Mstly shale cavings, as abv. Trc of gry vfn xtln, dolo. Several pcs dolo, crm-tan, fn-med xtln, 1 pc vry sli glauc. A couple pcs w/poss It even-scat stn. 1 pc w/fr strming cut. 3510'-20': A few pcs dolo, fn-med xtln, semi-sucrosic, poss vry sli scat trc stn. Mstly, shale & Im from up-hole.

> 3570'-80': Dolo, crm-tan, fn-med xtln, trc sli sndy dolo, mstly pr vis intr xtln poro. Vry much shale, as above. **3580'-90':** Dolo, crm-gry, fn xtln, some very shaley, all pr vis poro. 3590'-3600': Dolo, gry-tan, some brwn-drk brwn, fn xtln, mst frly cln matrix, w/vry sprs intr xtln vugs, a few pcs sli sndy. Some drk brwn & vry shaley. All pr overall porosity.

3520'-30': Shale and limestone hole cavings. Trc dolomite. 3530'-40': Mstly shale slough as above. Several pcs dolo, tan to gry, fn-med xtln. A couple pcs drk gry/blk, appear to be heavily

3540'-50': Almost all shale, gry, maroon & drk grn, platy. Trc dolomitic gry shale, & trc vry drk gry to blk, sli carbonaceous shale.

3550'-60': Shale, as above. Trc sli dolo shale & trc blk, sli

stained. No cut. Possibly shalely.

carbonaceous shale as above.

3560'-70': Shale, as above.

3550

3600

3650

3700

Quartzite 3578' (-1657)

Pre-cambrian Basement complex 3663' (-1742)

**3610'-20':** Sndy dolomite to dolomitic highly silicified sandstone. Some broken quartz fragments as above, mst clr, some rose qtz. Much dolo, tan fn-med xtln, pr vis por w/v sprs scat intr xtln vugs.

3620'-30': Dolo, crm-tan, fn xtln. Much sndy dolo & loose qtz fragments as above. A few qtz pcs sli yellow, trnslcnt, rose & 1 pcs blk qtz. Mst clr-frsty qtz. Some sli pyritic.

3630'-40': Dolomite, off-wht, crm-tan, often sndy. Some vfn, gry, but mst fn-med xtln, pr-fr intr xtln poro. Some quartz fragments.

3600'-10': Scattered fragments of cir to frsty quartz. Mstly dolo, tan-

crm, fn xtln, a few pcs highly silicified & vry hrd res.

**3640'-50':** Dolo, crm-tan to off-wht, med xtln, some w/fr scat intr xtln vugs. A few pcs highly sndy dolo, trc vry sli gluaconitic. Some scat fragments qtz, less than above. 1 pc drk brwn dolo, med off-wht to bone rhombs, w/gd drk even syn & slw strming cut. 3650'-60': Dolo, crm, tan, It gry, fn xtln, a few pcs sndy dolo. Much shale, drk maroon & drk grn/gry shale. Some scat qtz fragments as

**3660'-70':** Highly silicified dolo, tan-lt brwn sli orng, fn-med xtln, often sndy, pr poro. Much prpl conglmritic shale & some gry shale. 3670'-80': Drk gry/grn, sli silicaceous shale, grading to sli chloritic schist? Med res. Mstly tan-lt brwn sli orng silicified dolomite & prpl

3680'-90': Metamorphic schisht? Blk, some w/vry sli greenish tint. Med-hrd res, tweezers leave streak on some pcs. Partially-vry much xtln, vfn-fn xtln, no vis porosity. Much dolomite, prpl conglmrtc shale & some qtz as above.

3690'-3700': Metamorphic schist. Vry drk gry/grn-blk, poss sli chloritic, as above. Great increase in loose quartz fragments, often sli orange-reddish, some rose, most clr-frsty. 3700'-10': A bunch of schist! Metamorphic schist, vdrk gry sli grn to

blk. Possibly sli chloritic, med res, micro-vfn xtln, no poro. 1 pc w/sli

yellowish transprnt qtz attchd.

fairly easily. No visiable porosity.

3713' CFS 15 min: Metamorphic schist, some chloritic, as above. Increase in trnslcnt crystalline minerals imbedded in schist.

3713' CFS 30 min: Schist, drk gry-blk, sli grn or yellowish. Seems slightly more crystalline than above. Med-hrd res, surface scratches