Compan Addres							
Contact Geologis Contact Phone Nb Well Nam Locatio Poo Stat	r: 785-628-2445 e: ALLENBAUGH #1 n: S2-NW-SW-SE Sec. 30-14S-19W l: WILDCAT	/ API: Field: Country:	15-015-26,624-00-00 UNNAMED U.S.A.				
	Scale 1:240 Imperial						
Well Nam Surface Locatio Bottom Locatio	e: ALLENBAUGH #1 n: S2-NW-SW-SE Sec. 30-14S-19W n:	I					
AF License Numbe	r: 33625	_					
Spud Dat Regio	n: ELLIS COUNTY	Time:	1:00 PM				
Drilling Complete Surface Coordinate		Time:	4:30 PM				
Bottom Hole Coordinate Ground Elevatio K.B. Elevatio Logged Interva Total Dept Formatio Drilling Fluid Typ	s: h: 2126.00ft h: 2134.00ft l: 3000.00ft h: 3833.00ft h: LANSING - KANSAS CITY	To:	3833.00ft				
	SURFACE CO-ORDINATE	S					
Well Typ Longitud N/S Co-or E/W Co-or	e: Vertical e: -99.4744808 d: 860' FSL	Latitude:	38.8005861				
LOGGED BY							
		S					
Compan Addres		;					
Phone Nb Logged B		Name:	CHRIS NEELEY				
Contracto							
Rig Typ Spud Dat	e: MUD ROTARY	Time:	1:00 PM				
TD Dat Rig Releas	e: 11/24/2013	Time: Time:					
K.B. Elevatio K.B. to Groun		d Elevation:	2126.00ft				
	NOTES						
	DECISION TO PLUG WELL WAS BASED UPON LOW STRUCTURAL POSITION, LACK OF DEVELOPED RESERVOIRS AS INDICATED BY GEOPHYSICAL LOG, AND LACK OF A POSITIVE DRILL STEM TEST RESULTS						
	OPEN HOLE LOGGING PERFORMED BY NABORS COMPLETION AND PRODUCTION SERVICES CO.: MICRO LOG, DUAL INDUCTION LOG , NEUTRON/DENSITY POROSITY LOG						
DRILL STEM TESTING BY TRILOBITE TESTING INC.: ONE (1) STRADDLE PERFORMED							
FORMATION TOPS SUMMARY							
	PFEIFER EXPLORATIONS, LLC	PETROLEUM MAN	AGEMENT, INC. ROSEN OIL COMPANY, INC.				

	KB	2134			KB 2134			KB 2149			KB 2161		
	LOG	TOPS	SAMPL	E TOPS	MICR	MICRO LOG LOG		RAG LOG LOG		RAG LOG		LOG	
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	DEPTH	DATUM	CORR.	DEPTH	DATUM	CORR.
ANHYDRITE	1407	+727	1408	+726	1400	+734	-7	1420	+729	-2	1493	+668	+59
ANHYDRITE BASE	1443	+691	1443	+691	1443	+691	+0	1456	+693	-2	1450	+711	+20
ТОРЕКА	3129	-995	3128	-994	3122	-988	-7	3138	-989	+4	3148	-987	+8
HEEBNER	3395	-1261	3392	-1258	3385	-1251	-10	3404	-1255	-6	3416	-1255	-6
TORONTO	3418	-1284	3414	-1280	3409	-1275	-9	3432	-1283	-1	3440	-1279	-5
LANSING K.C.	3439	-1305	3435	-1301	3431	-1297	-8	3451	-1302	-3	3460	-1299	-6
K.C. BASE	3687	-1553	3685	-1551	3683	-1549	-4	3704	-1555	2	3716	-1555	+2
MARMATON	3739	-1605	3738	-1604	3726	-1592	-13	3750	-1601	-4	3751	-1590	-15
ARBUCKLE	3799	-1665	3793	-1659	3762	-1628	-37	3778	-1629	-36	3796	-1635	-30
RTD			3833	-1699	3820	-1686		3790	-1641		3807	-1646	
LTD	3838	-1704			3822	-1688		3791	-1642		3806	-1645	

GROSS #1 SE-NW-NE-SE Sec. 30, T14S, R19W ROHR #1 OWWO C-NW-NW Sec. 30, T14S, R19W

LILLY JOHNSON #1

SE-SW-NE Sec. 30, T14S, R19W

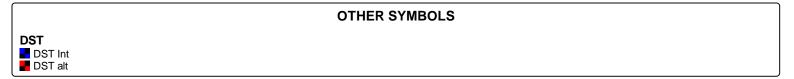
ALLENBAUGH #1 S2-NW-SW-SE Sec. 30, T14S, R19W

ſ		Daily Activity Report								
	for									
	Allenbaugh #1									
		S2-NW-SW-SE of Section 30, Township 14 South, Range 19 West								
	11/20/13	Rig-up, Spud in: 1:00 pm, Slope: ¼° at 222′, 8 ⁵ /8 ["] surface casing set at: 222′ with 150 sxs common 3% gel/2% CC, WOC								
	11/21/13	691' drilling								
	11/22/13	2228' drilling								

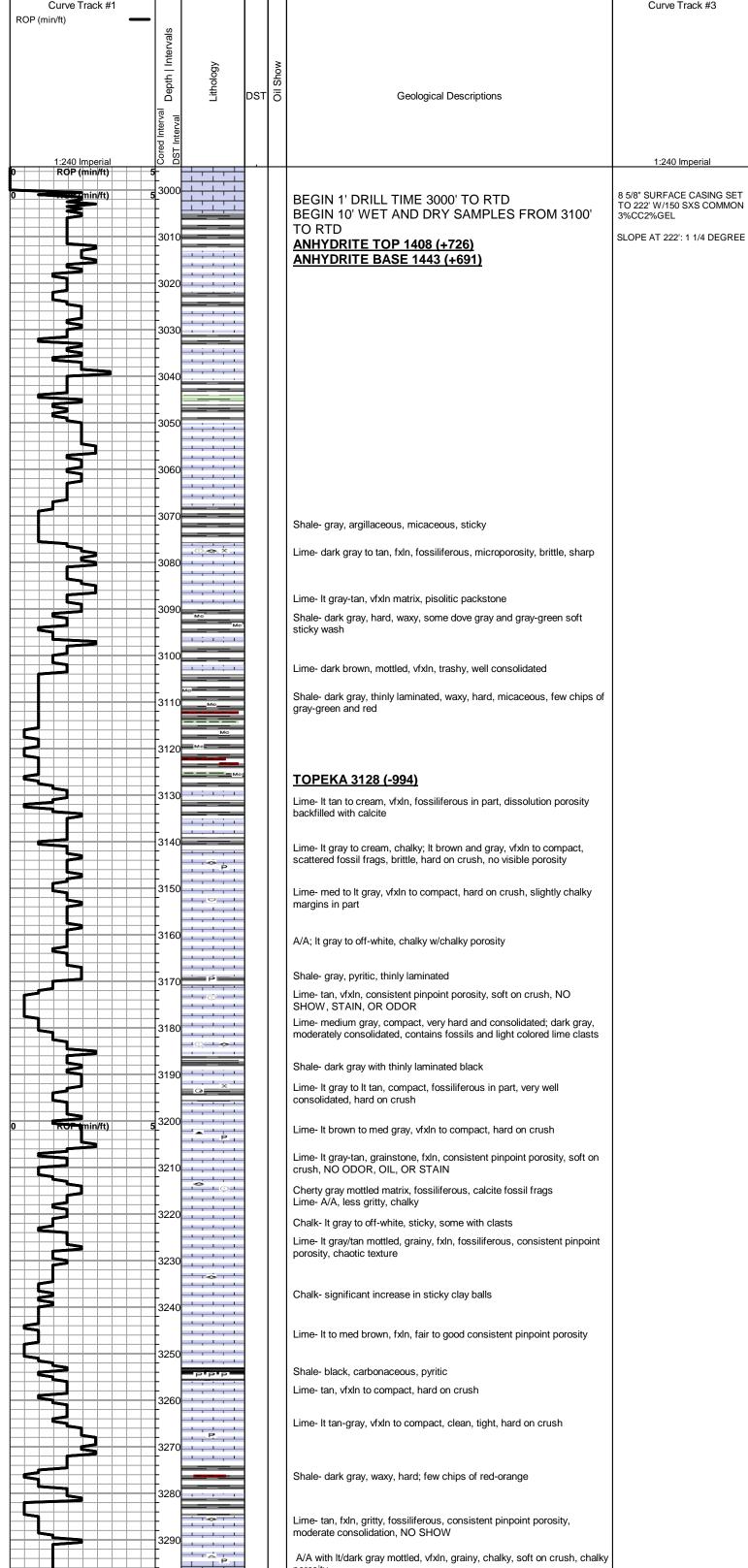
Ш	11/22/15	2220 unning
	11/23/13	3082' drilling
	11/24/13	3647' drilling, RTD: 3833' at 3:30 pm and CFS, Short trip: 23 stands, CCH: 1 ½
		hours, Slope: 1 ¼°, Logging: Stack micro
	11/25/13	Drill stem test #1: 3590'-3608' "I" zone, Well Plugged at 4:00pm

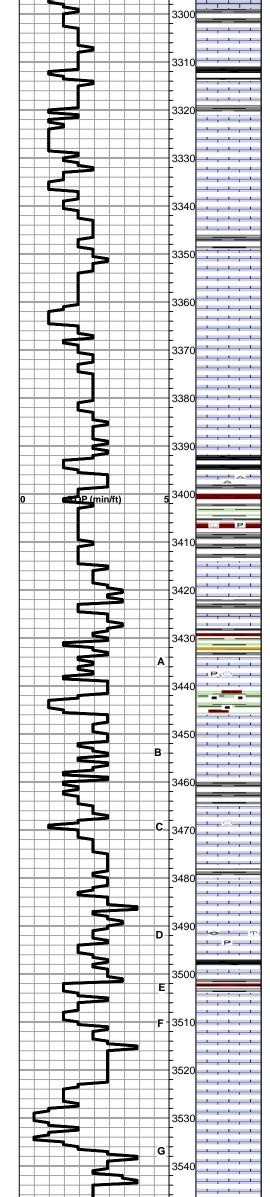
	DST #1 3590' TO 3608' K		TY "I" ZONE				
	DRILL STEM TES	T REPO	ORT				
RILOBITE	Hertel Oil Co Inc		30-14s-1	30-14s-19w Ellis KS			
ESTING , INC	704 E 12th st Hays KS, 67601		Allenbaugh #1				
	ATTN: Chris Neeley		Job Ticket:	55359 DST#:1 2013.11.25 @ 02:39:00			
	Arm. Cillia hoody		Toot Start.	2013.11.23 @ 02.33.00			
GENERAL INFORMATION: Formation: LKC "I" Deviated: No Whipstock: Time Tool Opened: 05:03:45 Time Test Ended: 08:47:30	ft (KB)		Test Type: Tester: Unit No:	Conventional Straddle (Initial) Cody Bloedorn 53			
Interval: 3590.00 ft (KB) To 30 Total Depth: 3833.00 ft (KB) (The Hole Diameter: 7.88 inches Hole				Bevations: 2128.00 ft (KB) 2123.00 ft (CF) (B to GR/CF: 5.00 ft			
Serial #: 8648 Outside Press@RunDepth: 35.39 psig Start Date: 2013.11.25 Start Time: 02:39:05 TEST COMMENT: 45 - IF- 2 1/4" bk 45 - ISI- No retur FF- Opened tool	End Date: End Time:	2013.11.25 08:47:29 cool and got 1	Capacity: Last Calib.: Time On Btm: Time Off Btm: /4" blow . pulled too	2013.11.25 @ 06:32:45			
Pressure vs. 7	Ĩme		PRESS	URE SUMMARY			
1773	Terretories (star)	Time (Min.) 0 1 37 79 90	Pressure Tem (psig) (deg 1795.70 103.	p Annotation F) 26 Initial Hydro-static 81 Open To Flow (1) 71 Shut-In(1) 18 End Shut-In(1)			
Recovery Length (ft) Description 112.00 Mud, with spots of oil, 10	Volume (bbl) 00%M 1.30			Gas Rates ke (Inches) Pressure (psig) Gas Rate (Motid)			

ROCK TYPES									
Cht vari	Lmst fw7>	Carbon Sh	Ss CglSandy						
Dol Lime	shale, gry	Shcol	SsPebbley						
	ACCESSORIES								
MINERAL ■ Carbonaceous Flakes ▲ Chert, dark ✓ Dolomitic ∩ Glauconite P Pyrite • Sandy ▲ Chert White Mc Mica	FOSSIL Bioclastic or Fragmental Brachiopod Bryozoa Crinoids Gastropod Oolite Pelecypod X Sponge Spicules Fussilinid 	STRINGER Conglomerate green shale red shale carb shale							



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porosity

Shale- dark gray with black stringers, few chips red

Lime- It gray, vfxln, soft on crush, consistent pinpoint porosity

Shale- black, hard, laminated, carbonaceous

Lime- tan, vfxIn to compact, very well indurated

Lime- tan, fxln, gritty, soft on crush, good pinpoint intergranular
 porosity, FEW DROPS FREE OIL FLOATING IN CUP, GOOD
 ODOR, QUESTIONABLE SHOW IN CUTTINGS

Lime- tan/gray, chalky, soft on crush, thinly bedded, slightly gritty; chalk wash

Lime- It gray to cream, compact, tight, clean, very well compacted Shale- dark gray

• Lime- It gray to cream, vfxln, consistent pinpoint porosity with scattered fair intergranular porosity, hard on crush, FAINT TO FAIR ODOR IN CUP, SCUM OIL FLOATING IN WATER, MINOR AMOUNT OF OIL ON CRUSH, SCATTERED LT BROWN STAINING IN POROSITY

Lime- It brown w/reddish brown flecks, fxln, sparry, fossil frags, brittle, hard

Lime- gray and brown mottle, fxln, granular, soft on crush

HEEBNER 3392 (-1258)

Lime- It gray, compact, some chalky margins, very hard Shale- few chips A/A; gray-green, sticky argillaceous, few chips hard red, blocky

Shale- brownish-red, ranges from hard and gritty to sticky clay wash

TORONTO 3414 (-1280)

Lime- cream, vfxln to compact, chert-like luster, angular pieces, very well consolidated, very hard, clean, barren

Lime- cream with some gray tint from shale boundary, compact, angular chips, very clean, barren, tight

LANSING/KANSAS CITY 3435 (-1301)

Lime- cream, vfxln, few chips sporadically fusumoldic, inter/intragranular porosity, DARK SPOTTY TO SATURATED STAIN, MIX OF LIVELY DARK OIL AND DEAD OIL IN TRAY/ON CRUSH, NO ODOR

Shale- green, hard, dark inclusions; sticky red, maroon, purple Lime- dark gray/tan w/small It gray ooids, grain supported, compact matrix, grading into vfxln to compact, dark gray, fossiliferous in part

- Lime- medium brown, compact, scattered pinpoint to small-scale vuggy porosity, pores stained with It brown oil, FEW DROPS OIL ON CRUSH, FAINT ODOR IN CUP, FAIR SHOW
- Lime- It tan-cream, compact matrix, well consolidated, oolitic to oolicastic, sporadic intergranular porosity W/ LIGHT REDDISH-BROWN STAIN, FAINT ODOR, NO OIL ON CRUSH/NO FREE OIL

Lime- gray to cream with green tint on some chips, fxln to vfxln, sucrosic in part, most chips very well compacted

Lime- A/A

0

0

Shale- black, carbonaceous, blocky, slick, dark gray, splintery, waxy, few chips red, green wash

Lime- tan, vfxIn to compact, sparry fill, hard, clean, barren

Lime- off-white, fxln to compact, sparry, grading into oolitic/oolicastic with good intergranular porosity, some calcite backfill, some chips friable, DARK STAIN, FAIR ODOR, NO OIL ON CRUSH, SOME CHIPS PRODUCE ODOR ON CRUSH

Lime- off-white to It gray, vfxln, hard, brittle, clean, barren, chalky in part- significant increase in chalk clusters

Lime- tan, fxln, oolitic to oomoldic, rotted appearance in part, clean

Lime- gray-tan, vfxln, clean, barren, tight



