	OPERATOR				
Company: Address: Contact Geologist: Contact Phone Nbr: Well Name: Location: Pool: State:	Falcon Exploration, Inc. 125 N. Market Suite 1252 Wichita, KS 67202 Brian Fisher 316-262-1378 Martha Garetson #1-35 (SE) Sec. 35 - T27S - R31W Kansas	API: Field: Country:	#15-081-219760000 Wildcat USA		
	Scale 1:240 Imperial				
	Scale 1.240 Imperial				
Well Name: Surface Location: Bottom Location: API:	Martha Garetson #1-35 (SE) Sec. 35 - T27S - R31W #15-081-219760000				
License Number: Spud Date:	5316 3/15/2012	Time:	11:25		
Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	3/28/2012 1840' FSL & 330' FEL	Time:	04:10		
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation:	2839.00ft 2850.00ft 2660.00ft 5381.00ft Mississippian	To:	5381.00ft		
Drilling Fluid Type:	Chemical/Fresh Water Gel				
		TEQ			
Well Type:	Vertical	IES			
Longitude: N/S Co-ord: E/W Co-ord:	1840' FSL 330' FEL	Latitude:			
LOGGED BY					
	Keith Reavie	9			
	Keith Reavis Consulting Geologi	9 İst			
Company: Address:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530	s st			
Company: Address: Phone Nbr: Logged By:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136	st Name:	Keith Reavis		
Company: Address: Phone Nbr: Logged By:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR	g st Name:	Keith Reavis		
Company: Address: Phone Nbr: Logged By: Contractor:	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company	g st Name:	Keith Reavis		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary	st St	Keith Reavis		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date:	Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 2/20/2012	st Name:	Keith Reavis		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release:	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012	st Name: Time: Time: Time: Time:	Keith Reavis 11:25 04:10		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release:	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012	st Name: Time: Time: Time: Time:	Keith Reavis 11:25 04:10		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: Rig Release: K.B. Elevation: K.B. to Ground:	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012 ELEVATIONS 2850.00ft 11.00ft	Set Name: Time: Time: Time: Time:	Keith Reavis 11:25 04:10 2839.00ft		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: TD Date: Rig Release: K.B. Elevation: K.B. to Ground:	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012 ELEVATIONS 2850.00ft 11.00ft	S Name: Time: Time: Time: und Elevation:	Keith Reavis 11:25 04:10 2839.00ft		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: TD Date: Rig Release: K.B. Elevation: K.B. to Ground: A Tooke Daq gas detection system data curves were imported into thi	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012 ELEVATIONS 2850.00ft 11.00ft NOTES nowned by Sterling Drilling Comp s report.	References of the second secon	Keith Reavis 11:25 04:10 2839.00ft oyed on this well and drill time and gas		
Company: Address: Phone Nbr: Logged By: Contractor: Rig #: Rig Type: Spud Date: TD Date: TD Date: Rig Release: K.B. Elevation: K.B. to Ground: A Tooke Daq gas detection system data curves were imported into thi Due to negative drill stem tests, sa would be non-commercial and sho	Keith Reavis Consulting Geologi Keith Reavis, Inc. 3420 22nd Street Great Bend, KS 67530 620-617-4091 KLG #136 CONTRACTOR Sterling Drilling Company 2 mud rotary 3/15/2012 3/28/2012 ELEVATIONS 2850.00ft 11.00ft NOTES n owned by Sterling Drilling Comps s report. ample and electrical log evaluation nuld be plugged and abandoned a	St St St Name: Time: Time: Time: Time: Time: und Elevation: pany was employ pany was determ s a dry test.	Keith Reavis 11:25 04:10 2839.00ft oyed on this well and drill time and gas nined that the Martha Garetson #1-35		

Respectfully submitted Keith Reavis

Falcon Exploration, Inc

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
03/19/2012	2743	Geologist Keith Reavis on location @ 0430 hrs, 2653 ft., drilling ahead permian and Chase Group, Fort Riley, Cottonwood
03/20/2012	3364	drilling ahead, Neva, Foraker, Stotler, Tarkio, Bern
03/21/2012	3920	drilling ahead, Topeka, Lecompton, Heebner, Douglas, Lansing
03/22/2012	4429	drilling ahead, LKC, show in upper and lower J zone, no show in Swope, short trip, TOH and straddle upper and lower J with DST #1
03/23/2012	4585	conducting DST #1, complete DST #1, successful test, TIH w/bit, resume drilling LKC
03/24/2012	4772	drilling ahead, Marmaton, Pawnee, Cherokee
03/25/2012	4974	show gas kicks in Cherokee warrant DST, TOH w/bit and in w/tools, conduct DST #2, successful test, TIH with bit, resume drilling
03/26/2012	5115	drilling ahead, Morrow, Mississippian Chester and St. Gen
03/27/2012	5317	drilling ahead, Mississippian St. Lo, run DST #3, successful test back in hole w/bit, resume drilling
03/28/2012	5381	rathole ahead to TD 0 5381 ft 0 0410 hrs, TOH for logs, conduct logging operations, determined that lower Lans. J needs straddle test, run in with tools for DST #4, successful test, geologist released 2100 hrs

well comparison sheet

	DRILLING WELL			COMPARISON WELL				
	Martha Garetson #1-35			Garetson Bros. #1-36				
	1840' FSL & 330' FEL				1680' FNL & 2310' FEL			
	Sec 35-T27S-R31W			Sec 36-T27S-R31W				
						Struct	tural	
	2850 KB			2858 KB Relationship				
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Chase	2686	164	2680	170	2684	174	-10	-4
Winfield	2764	86	2762	88	2767	91	-5	-3
Towanda	2802	48	2804	46	2808	50	-2	-4
Ft. Riley	2851	-1	2854	-4	2859	-1	0	-3
Neva	3182	-332	3178	-328	3186	-328	-4	0
Foraker	3293	-443	3292	-442	3303	-445	2	3
Stotler	3529	-679	3527	-677	3542	-684	5	7
Tarkio	3599	-749	3595	-745	3614	-756	7	11
Topeka	3789	-939	3788	-938	3808	-950	11	12
Heebner	4110	-1260	4105	-1255	4131	-1273	13	18
Lansing	4200	-1350	4197	-1347	4229	-1371	21	24
Stark Sh.	4559	-1709	4556	-1706	4583	-1725	16	19
Marmaton	4701	-1851	4704	-1854	4728	-1870	19	16
Pawnee	4792	-1942	4792	-1942	4821	-1963	21	21
Cherokee	4837	-1987	4834	-1984	4863	-2005	18	21
Morrow	5030	-2180	5029	-2179	5068	-2210	30	31
Mississippi	5094	-2244	5092	-2242	5124	-2266	22	24
St. Gen	5161	-2311	5163	-2313	5186	-2328	17	15
St. Lo Por	5272	-2422	5272	-2422	5289	-2431	9	9
Total Depth	5381	-2531	5381	-2531	5552	-2694	163	163

	DRILL STEM TEST REPO	ORT	
RILUBITE	Falcon Exp.	35/27/31	
ESTING , INC	125 N Market Wichita Ks 67202-1719	Martha G 1-35	
		Job Ticket: 41252	ST#: 1
	ATTN: Keith Revus	Test Start: 2012.03.23 @ 01:30	:00
	1		

Time Tool Opened: 07:16:15 Time Test Ended: 15:03:15		Test Unit	ter: H No: S	Harley David 58	Ison	
Interval: 4496.00 ft (KB) To 4553.00 ft (KB) (TVD) Total Depth: 4585.00 ft (KB) (TVD)		Refe	erence Be	vations:	2850.00 2839.00	ft (KB) ft (CF)
Hole Diameter: 7.88 Incheshole Condition: Fair			KBT	OGR/CF:	11.00	π
Serial #: 8355 Outside						
Press@RunDepth: 780.51 psig @ 4531.00 ft (KB)		Capacity:			8000.00	psig
Start Date: 2012.03.23 End Date:	2012.03.23	Last Calib	D. :		2012.03.23	
Start Time: 01:30:05 End Time:	15:03:15	Time On I	Btm: 2	2012.03.23 (@ 07:09:45	
		Time Off	Btm: 2	2012.03.23 (@ 11:49:45	
FF- Strong blow BOB 3min. FSI- Weak blow back. Pressure vs. Time		PF	RESSUR	ESUMM	ARY	
RODE Pressure RODE Pressure RODE Pressure	Time	Pressure	Temp	Annotatio	n	
2250	(Min.)	(psig)	(deg F)	711110101010	A11	
	0	2213.72	103.27	Initial Hydro	o-static	
	7	95.50	104.08	Open To Fl	ow (1)	
	12	195.60	104.48	Shut-In(1)		
	98	1341.67	113.96	End Shut-Ir	n(1)	
	100	225.20	113.74	Open To Fl	ow (2)	
	156	780.51	118.69	Shut-In(2)		
	279	1319.09	120.35	End Shut-Ir	n(2)	
	280	2210.08	120.70	Final Hydro	o-static	



01-11 H 50045		
Trilobite	Testina.	Inc

Printed: 2012.03.25 @ 21:37:54





	DRILL STEM TEST REPO	ORT			
I AILUDITE	Falcon Exp.	35/27/31			
ESTING, IN	C 125 N Market Wichita Ks 67202-1719	Martha G 1-35			
		Job Ticket: 41255 DST#:4			
NOX.	ATTN: Keith R	Test Start: 2012.03.28 @ 15:45:00			
GENERAL INFORMATION:	κ.				
Formation:LSG JDeviated:NoWhipstockTime Tool Opened:18:15:30Time Test Ended:23:06:09	ft (KB)	Test Type: Conventional Straddle (Initial) Tester: Harley Davidson Unit No: 58			
Interval: 4520.00 ft (KB) To Total Depth: 5381.00 ft (KB) (Hole Diameter: 7.88 inches H	4546.00 ft (KB) (TVD) TVD) de Condition: Fair	Reference Elevations: 2850.00 ft (KB) 2839.00 ft (CF) KB to CR/CE: 11.00 ft			
Serial #: 8674 Press@RunDepth: 51.79 psig Start Date: 2012.03.24 Start Time: 15:45:05	Image: Optimized Control ft (KB) B End Date: 2012.03.28 G End Time: 23:06:10	Capacity: 8000.00 psig Last Calib.: 2012.03.28 Time On Btm: 2012.03.28 18:10:10 Time Off Btm: 2012.03.28 20:29:20			
TEST COMMENT: IF- Weak sur ISI- No blow b FF- No blow.	face blow. aack.				





abundant pyrite nodules, still carrying much metal shavings in samples

C3 (units)

lost circ @ 3115, 150 bbl

displace

Total Gas (units)

C2 (units)

C3 (units)

C4 (units)

spike gas detector

Mud-Co Mud Ck

0635 hrs 3/20/12 vis 48 wt 8.7

pv 14 yp 14 wl 7.2 cake 1/32

dmc \$3875.75 cmc \$14441.10

10

100

10

@ 3371'

pH 11.0 . chl 2600

cal 20

sol 2.7

-lcm 2#

Total Gas (units)

C2 (units)

C3 (units)

C4 (units)

10

100

10

w/chemical mud system @ 3140 ft

poor samples, very fine, abundant shales with limestone, white, chalky, cryptocrystalline

as above

P

F

Ρ

poor samples, flood red shale, heavy red wash, due to lost circ?

Cottonwood

limestone, white, cryptocrystalline to microcrystalline, chalky, fossiliferous, with scattered white to light gray sucrosic dolomite, poor visible porosity, no shows, good even bright blue/white mineral fluoresence

limestone, white to cream and light gray, bioclastic to oolitic, some scattered porosity, with some cryptocrystalline white limestone, lithographic, some chalk, no shows, fair bluish white mineral fluoresence

as above

red and gray shales

SAMPLES CLEAN UP WELL AFTER DISPLACEMENT - metal shaving drop out

Neva 3182 -332

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• F limestone, cream to pale gray/green, microcrystalline, dense grainy fossiliferous, some sub-lithographic, no shows, abundant light gray to smokey gray chert

black shale and cherts

limestone and chert as above, with influx chalk

grades to limestone, gray mottled, chalky fossiliferous to pelletal, with gray arenaceous, no shows, abundant boney white, gray and black cherts

limestone, cream to white and tan mottled, cryptocrystalline,



Foraker 3293 -443

limestone, mixed gray motted fossiliferous to cream chalky fossiliferous, poor visible porosity, some chalk, scattered fossiliferous cherts, no shows

limestone, gray to dark gray, micro-cryptocrystalline, fossiliferous, dense, with abundant dense gray limey shales, gray fossiliferous cherts, no shows

limestone, gray, microcrystalline, fossiliferous, cherty and dense, abundant gray to dark gray cherts, mottled fossiliferous to spiculitic

limestone as above, decrease in cherts, some weathering of limestone, some chalk and cream limestone, microcrystalline, fossiliferous, chalky in part, no shows

as above

limestone, mixed white to cream and light gray, fossiliferous with some bioclastic, chalky to grainy, abundant chalk in samples, poor visible porosity, no shows

limestone, gray, micro-cryptocrystalline, slightly fossiliferous to arenaceous to lithographic, some calcite veins, dense, no shows

limestone, as above, with limestone, cream, chalky fossiliferous, and limestone, light gray to mottled gray, fossiliferous, some large clasts, fairly dense, no shows

shale, soft gray, green, some brick red, silty

Stotler 3529 -679

limestone, tan to gray to pale green, microcrystalline, dense, lithographic/arenacoues to fossiliferous and pelletal, with: limestone, cream to white, oolitic, dense, no visible porosity, no shows, poor fluoresence

as above, trace glauconitic

limestone, gray to dark gray mottled, grainy fossiliferous, dense, some scattered dark gray cherts

Tarkio 3599 -749

limestone, cream to light gray, microcrystalline, fossiliferous to lithographic chalky some grainy some light gray mottled pelletal





chalky in part, no shows or fluoresence, some scattered gray

limestone, green, dense, arenaceous, with limestone, cream to gray,



Heebner 4110 -1260

limestone, light gray to cream, microcrystalline, fossiliferous, dense, cherty, with limestone, cream to white, microcrystalline, dolomitic to chalky, no shows, with white and light gray translucent cherts, some chalk

Douglas 4140 -1290

limestone, cream to gray and tan, micro-cryptocrystalline, fossiliferous, dense, cherty, no shows

as above with influx limestone, gray, mottled, pelletal, fairly dense with some cherts

soft gray silty shales

Lansing 4200 -1350

limestone, white to cream, microcrystalline, fossiliferous, mostly chalky,



dmc \$1810.70

cmc \$16251.80



our visible porosity, aburidant chaik, with aburidant chert,



gray fossiliferous chert



