OPERATOR

Falcon Exploration, Inc. Company: Address: 125 N. Market

Suite 1252 Wichita, KS 67202

Contact Geologist: Brian Fisher Contact Phone Nbr: 316-262-1378

Well Name: Kenneth Dirks #2-8 Location:

Sec. 8 - T28S - R30W API: 15-069-20364-0000 Pool: Field: Renegade SW State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Kenneth Dirks #2-8 Surface Location: Sec. 8 - T28S - R30W

Bottom Location:

15-069-20364-0000 API:

Spud Date: 2/11/2012 Time: 23:15 Region: **Gray County** Time: **Drilling Completed:** 2/23/2012 02:45

Surface Coordinates: 330' FSL & 2520' FEL **Bottom Hole Coordinates:**

Ground Elevation: 2809.00ft K.B. Elevation: 2819.00ft

License Number:

3500.00ft Logged Interval: To: 5548.00ft Total Depth: 5548.00ft

Formation: Morrow/Mississippian Chemical/Fresh Water Gel Drilling Fluid Type:

SURFACE CO-ORDINATES

Well Type: Vertical Latitude: Longitude: 330' FSL N/S Co-ord:

E/W Co-ord: 2520' FEL

Company:

LOGGED BY

Keith Reavis Consulting Geologist

Keith Reavis, Inc.

3420 22nd Street Address: Great Bend, KS 67530

Phone Nbr: 620-617-4091 KLG #136 Keith Reavis Logged By: Name:

CONTRACTOR

Contractor: Val Energy Rig #: Rig Type: mud rotary Spud Date: 2/11/2012

Time: 23:15 TD Date: 2/23/2012 Time: 02:45 Rig Release: Time:

> **ELEVATIONS Ground Elevation:**

K.B. Elevation: 2819.00ft 2809.00ft K.B. to Ground: 10.00ft

NOTES

Due to the results of Drill Stem Test #1, 5 1/2" production casing was set and cement to test the Morrow Sand through perforations and stimulation.

A Bloodhound gas detector supplied by Bluestem Environmental was employed on this well from the Chase Group to TD. Penetration rate and gas curves were imported into this log.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted, Keith Reavis

Falcon Exploration, Inc daily drilling report

	DATE	7:00 AM DEPTH	REMARKS
_	02/16/2012		Geologist Keith Reavis on location @ 1910 hrs, 3395 ft., drilling ahead check bloodhound system, set up, drill Stotler
	02/17/2012	3724	drilling ahead, Tarkio, Bern, Topeka, Lecompton, Heebner, Douglas
	02/18/2012	4409	drilling ahead, Lansing, light plant went down 1045 pm, stop, circ @ 4800 ft
	02/19/2012	4865	resume drilling at 0410 hrs, Marmaton, Pawnee, Cherokee, bit trip @ 5015 ft
	02/20/2012	5127	drilling ahead, Cherokee, Morrow, cfs Morrow sand, show and gas kick warrant DST, TOH, conducting and complete DST #1, successful test
	02/21/2012	5141	out with test tools, in w/bit , condition hole, resume drilling Mississippian show in St. Louis warrants DST
	02/22/2012	5364	TOH w/bit and in with tools for DST #2, conducting and complete DST #2, successful test, back in hole w/bit, resume drilling
	02/23/2012	5548	TD $@$ 5548 ft., 0245 hrs, ctch, TOH, conduct and complete logging operations. geologist off location at 1330 hrs.

well comparison sheet COMPARTSON METT

Falcon Exploration, Inc.

	DRILLING WELL				COMPARISON WELL			COMPARISON WELL					
	K. Dirks #2-8				K. Dirks #1-8				Lanterman #1-8				
330' FSL & 2520' FEL					2090' FSL & 440' FEL			2030' FNL & 370' FEL					
	Sec. 8 T28S R30W					Sec. 8 T28S R30W				Sec. 8 T28S R30W			
						Structural				13.5	Structural		
621	2819 KB				2819 KB Rel		Relatio	onship	2821 KB		Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Stotler	3532	-713	3533	-714	3530	-711	-2	-3	3532	-711	-2	-3	
Tarkio	3604	-785	3598	-779	3602	-783	-2	4	3603	-782	-3	3	
Topeka	3804	-985	3803	-984	3800	-981	-4	-3	3804	-983	-2	-1	
Lecompton	3967	-1148	3968	-1149	3965	-1146	-2	-3	3967	-1146	-2	-3	
Heebner	4148	-1329	4149	-1330	4146	-1327	-2	-3	4146	-1325	-4	-5	
Lansing	4249	-1430	4246	-1427	4251	-1432	2	5	4249	-1428	-2	1	
Stark	4608	-1789	4612	-1793	4610	-1791	2	-2	4606	-1785	-4	-8	
Marmaton	4736	-1917	4752	-1933	4741	-1922	5	-11	4743	-1922	5	-11	
Pawnee	4835	-2016	4838	-2019	4841	-2022	6	3	4837	-2016	0	-3	
Cherokee	4883	-2064	4886	-2067	4885	-2066	2	-1	4881	-2060	-4	-7	
Morrow Sand	5110	-2291	5117	-2298	5124	-2305	14	7	5118	-2297	6	-1	
Miss St. Gen.	5214	-2395	5217	-2398	5216	-2397	2	-1	5244	-2423	28	25	
St. Lo B Por.	5340	-2521	5341	-2522	5342	-2523	2	1	5345	-2524	3	2	
Salem	5496	-2677	5498	-2679	5497	-2678	1	-1	np	ĵ			
Total Depth	5548	-2729	5550	-2731	5528	-2709	-20	-22	5406	-2585	-144	-146	
Drill Stem Test #1													

(620) 326-5830

Company Address CSZ Attn.	Falcon Exploration, Inc. 125 North Market, Suite 1252 Wichita, KS 67202 Keith Reavis	Lease Name Lease # Legal Desc Section Township	Kenneth Dirks 2-8 W/2 SW SW SE 8 28S	Job Ticket Range	3463 30W
Comments	Field: Wildcat	County Drilling Cont	Gray Val Drilling #7	State	KS

GENERAL INFORMATION Test #1 Test Type

Filtrate

DST Fluids

Drill Collar Len 0 Wght Pipe Len 0

RICKETTS TESTING

Jimmy Ricketts
Conventional Bottom Hole
Successful Test
2.0 Packer Size6 3/4 # of Packers Mud Type Mud Weight **Gel Chem**

Mileage 216 Approved By Standby Time 4 Extra Equipment Jars, Safety Joint, and Cir. Pin Time on Site 7:30 AM Tool Picked Up 10:30 AM Tool Layed Dwn1:00 AM Viscosity Chlorides 9.1 7.2 Elevation

Test Date 2/20/2012

Formation Interval Top 5075.0
Anchor Len Below 52.0
Total Depth 5127.0
Blow Type Strong blow to Bottom Between 5127.0

Strong blow throughout initial flow period. Strong blow back 20 minutes into initial shut-in period with gas to surface at 28 minutes. Strong blow throughout final flow period. Strong blow back during final shut-in period.

Times: 5, 90, 60, 184. API gravity of oil was 22.

Start Date/Time 2/20/2012 9:52 AM End Date/Time 2/21/2012 1:26 AM

2809.00

126.855

125.074

Final Shut-in

Final Hydro-static

Chokes 3/4
Top Recorder # 13767
Mid Recorder # w1022
Bott Recorder # w1119

Page 1

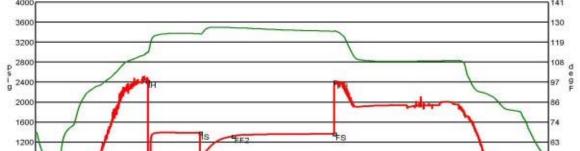
Hole Size 7 7/8

Kelley Bushings 2819.00

Mud

0% Oft 42% 79.8ft

RECOVERY Feet Description Gas Oil Water 0% Oft 100%125ft 0% Oft 3880 Clean oil 100%3880ft 125 Gas in pipe 190 Heavy mud cut oil 0% Oft 58% 110.2ft 0%



800 400 0 Time Pressure Temp 2/20/2012 1:14:10 PM 2/20/2012 1:16:00 PM 2/20/2012 1:20:30 PM 2/20/2012 2:50:30 PM 113.002 113.126 118.064 3.369444 2420.39 Initial Flow (1) Initial Flow (2) IF1 3.4 808.115 825.23 1383.305 3.475 4.975 IF2 IS Initial Shut-In 123.507 2/20/2012 2:50:30 PM 2/20/2012 2:52:40 PM 2/20/2012 3:50:50 PM 2/20/2012 6:54:50 PM 2/20/2012 6:57:10 PM Final Flow (1) Final Flow (2) 868.744 1316.459 123.391 5.011111

2405 489

5.980556

9.047222

9.086111

