OPERATOR

Company: Falcon Exploration, Inc. Address:

125 N. Market Suite 1252 Wichita, KS 67202

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

Well Name: Emery Josserand SWD #1-5 (SE) (original Emery Josserand #1-5)

Sec 5 - T28S - R30W Location:

15-069-20360-0001 API:

Pool: Field: wildcat Kansas State: Country: USA

Scale 1:240 Imperial

Emery Josserand SWD #1-5 (SE) (original Emery Josserand #1-5) Well Name:

12:00 AM

12:00 AM

Time:

Time:

Surface Location: Sec 5 - T28S - R30W

Bottom Location:

15-069-20360-0001 API: License Number:

5316 Spud Date: 1/18/2012

Region: **Gray County Drilling Completed:** 1/28/2012 Time: 9:05 PM Surface Coordinates: 2570' FSL & 1850' FEL

Bottom Hole Coordinates:

Ground Elevation: 2810.00ft

K.B. Elevation: 0.00ft To: 0.00ft Logged Interval: 3400.00ft Total Depth: 6780.00ft

Formation: Mississippian Drilling Fluid Type:

Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical Longitude: Latitude:

Contractor:

were imported from said system into this log.

N/S Co-ord:

2570' FSL E/W Co-ord: 1850' FEL

LOGGED BY

Keith Reavis Consulting Geologist

Company: Keith Reavis, Inc. 3420 22nd Street Address:

Great Bend, KS 67530

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

Name: Keith Reavis

> **CONTRACTOR** Sterling Drilling Company and Val Energy

Rig #: Sterling 5 - Val 2 Rig Type: mud rotary

Spud Date: 1/18/2012

TD Date: 9:05 PM 1/28/2012 Time: Rig Release: Time:

ELEVATIONS

0.00ft Ground Elevation: K.B. Elevation: 2810.00ft 2823.00ft

K.B. to Ground: **NOTES**

Due to negative results of drill stem tests and review of electrical logs, it was determined by the operator that the Emery Josserand #1-5 be plugged and abandoned as a dry hole.

A Tooke Daq gas detector from Sterling Drilling Company was employed on the original well. Drill time and gas curves

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

This well was re-entered on November 29, 2014 and deepened into the Arbuckle. 5 1/2 production casing was set 50 ft into the Arbuckle for saltwater disposal. The body of this mudlog contains the original mudlog and the new mudlog has been attached. A Bloohound gas detector was employed on this well and ROP and gas data were imported into this

Respectfully submitted,

Keith Reavis

mudlog.

Falcon Exploration, Inc. daily drilling report

DATE	7:00 AM DEPTH	REMARKS
01/23/2012	3584	Geologist Keith Reavis on location @ 0330 hrs, 3460 ft., drilling Stotler, Tarkio, Topeka, Lecompton
01/24/2012	4255	drilling ahead, Heebner, Douglas, Lansing
01/25/2012	4771	drilling ahead, lower KC, base KC, Marmaton, Cherokee, conduct short trip At 5040 ft.
01/26/2012	5109	finish short trip, drill ahead, Cherokee, Inola, Morrow, show in Inola and Morrow warrant DST, conduct and complete DST #1
01/27/2012	5173	Tripping tools and bit, on bottom, ctch, resume drilling Mississippian, cut St. Louis, show warrants test, TOH for DST #2
01/28/2012	5296	Conduct and complete DST #2, successful test, TIH w/bit, resume drilling, TD @ 2105 hrs, ctch, TOH w/bit for logs
01/29/2012	5375	conduct and complete logging operations, geologist off location 1000 hrs
11/29/2014		geologist Keith Reavis on location @ 0800 hrs, drilling bottom plug tripping in hole and breaking circ. as needed
11/30/2014	5377	on bottom old TD @ 0130 hrs, begin mixing mud in frac tanks, displace, drilling ahead @ 1420 hrs
12/01/2014	5689	drilling ahead, Mississippian-Warsaw, Osage
12/02/2014	6115	drilling Osage, Viola, Arbuckle
12/03/2014	6520	drilling Arbuckle
12/04/2014	6780	TD @ 0005 hrs, ctch, short trip, TOH w/bit for logs, conduct and complete logging operations @ 1450 hrs, geologist off loc @ 1615 hrs

Falcon Exploration, Inc. well comparison sheet DRILLING WELL

COMPARISON WELL

	E.	mery Joss	Smith #1-5				Smith #2-5						
		-	1460' FNL & 330' FWL			2170' FNL & 2440' FWL							
	2570' FSL & 1850' FEL Sec 5-T28S-R30W					Sec 5-T28S-R30W Structural				Sec 5-T28S-R30W			
										500 5 120		ural	
	2823	КВ			2832	2832 KB R		Relationship		2826 KB		onship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Stotler	3541	-718	3540	-717	3530	-698	-20	-19	3541	-715	-3	-2	
Tarkio	3612	-789	3613	-790	3602	-770	-19	-20	3613	-787	-2	-3	
Bern	3711	-888	3713	-890	3700	-868	-20	-22	3712	-886	-2	-4	
Topeka	3810	-987	3810	-987	3800	-968	-19	-19	3810	-984	-3	-3	
Heebner	4146	-1323	4146	-1323	4140	-1308	-15	-15	4146	-1320	-3	-3	
Lansing	4250	-1427	4252	-1429	4236	-1404	-23	-25	4249	-1423	-4	-6	
Stark	4606	-1783	4606	-1783	4590	-1758	-25	-25	4610	-1784	1	1	
Marmaton	4747	-1924	4742	-1919	4738	-1906	-18	-13	4748	-1922	-2	3	
Pawnee	4840	-2017	4838	-2015	4822	-1990	-27	-25	4832	-2006	-11	-9	
Cherokee	4886	-2063	4885	-2062	4870	-2038	-25	-24	4881	-2055	-8	-7	
Morrow Sand	5091	-2268	5091	-2268	5078	-2246	-22	-22	5081	-2255	-13	-13	
Mississippian	5137	-2314	5136	-2313	5154	-2322	8	9	5145	-2319	5	6	
St. Lo Por	5281	-2458	5284	-2461	5284	-2452	-6	-9	5276	-2450	-8	-11	
Original TD	5375	-2552	5377	-2554	5552	-2720	168	166	5551	-2725	173	171	
Warsaw	5629	-2806	5632	-2809									
0sage	5900	-3077	5884	-3061									
Viola	6131	-3308	6134	-3311									
Simpson Sand	not pic	ked	6400	-3577									
Arbuckle	6394	-3571	6430	-3607		Ĭ.							
Total Depth	6780	-3957	6789	-3966									

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313 DRILL-STEM TEST TICKET

DIAMOND TESTING

FILE: EMERYJOSSERAND1-5DST1

Lease & Well No. EMERY JOSSERAND #1-5 (SE)

TIME ON: 14:35 1.26.12

TIME OFF: 00:27 1.27.12

COMPARISON WELL

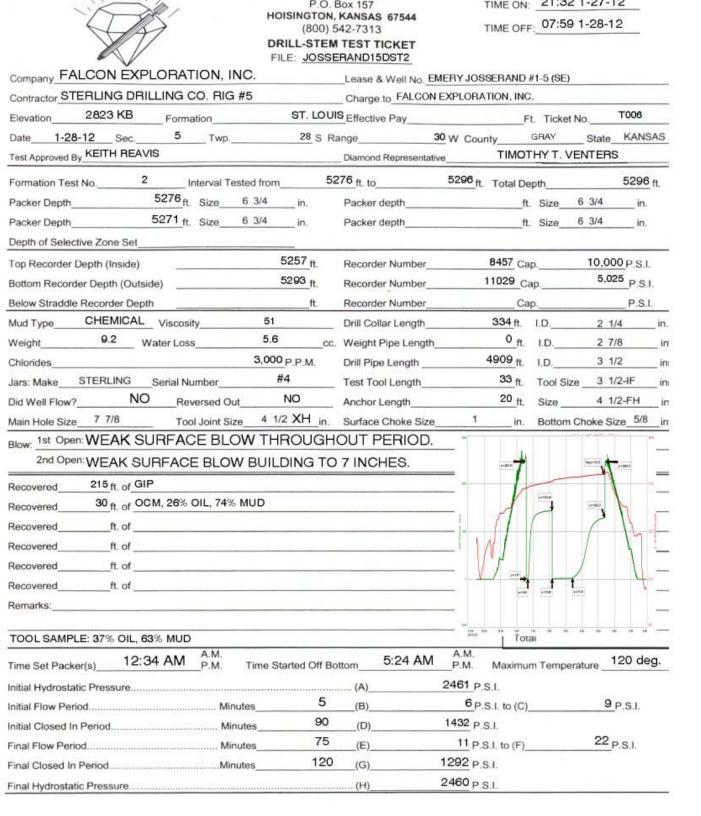
ERLING D	RILLING C	O. RIG	#5		Charge to FALCO	ON EXPLORA	TION, INC				
2823 KB	Forma	ation		MORE	OW Effective Pay		F	t. Ticket N	lo	T005	
-12 Sec	5	Twp		28 S	Range	30 W Cou	nty	GRAY	_State_	KANS	AS
y KEITH RE	AVIS				Diamond Represent	ative	TIMOT	HY T. VE	NTERS		
No	1i	nterval Te	sted from_		5067 ft. to	5115 _{ft.}	Total De	pth		5147	ft.
	5067 _{ft.}	Size	6 3/4	_ in.	Packer depth		5120 ft.	Size	6 3/4	in.	
	5115 _{ft.}	Size	6 3/4	_ in.	Packer depth		ft.	Size	6 3/4	in.	
tive Zone Se	et			-							
Depth (Inside	e)		5	053 _{ft.}	Recorder Number		8457 Ca	p	10,00	0 P.S.I.	
er Depth (O	utside)		5	108 ft.	Recorder Number		11030 Ca	ар	5,02	5 P.S.I.	
Recorder D	epth		5	144 ft.	Recorder Number		11029 Ca	p	5,02	5 P.S.I.	
CHEMICA	AL_ Viscosi	ty	50		Drill Collar Length		334 ft.	I.D	2 1/	4	in.
9.2	Water Loss	S	7.2		cc. Weight Pipe Leng	th	O_ft.	I.D	2 7/	8	in
			1,900	P.P.M.	Drill Pipe Length _		4705 ft.	I.D	3 1/2	2	in
STERLING	Serial Nu	Serial Number#4		1	Test Tool Length_		28 ft.	Tool Size	3 1/2	2-IF	ini
1	NO Rev	versed Ou	ıtn	10	Anchor Length		80 ft.	Size	4 1/3	2-FH	_in
7 7/8	Too	l Joint Siz	e 4 1/2	XH i	31'DP IN ANCHOR Surface Choke Siz	ze 1	in.	Bottom C	hoke Siz	ze 5/8	in
	2823 KB -12 Sec y KEITH RE No	2823 KB Formal 12 Sec. 5 KEITH REAVIS No. 1 In 5067 ft. 5115 ft	2823 KB	2823 KB Formation -12 Sec. 5 Twp. KEITH REAVIS No. 1 Interval Tested from 5067 ft. Size 6 3/4 5115 ft. Size 6 3/4 tive Zone Set Depth (Inside) 5 er Depth (Outside) 5 Recorder Depth 5 CHEMICAL Viscosity 50 9.2 Water Loss 7.2 1,900 ft STERLING Serial Number #4	2823 KB Formation MORE -12 Sec. 5 Twp. 28 S KEITH REAVIS No. 1 Interval Tested from 5067 ft. Size 6 3/4 in. 5115 ft. Size 6 3/4 in. bive Zone Set Depth (Inside) 5053 ft. er Depth (Outside) 5108 ft. Recorder Depth 5144 ft. CHEMICAL Viscosity 50 9.2 Water Loss 7.2 1,900 p.p.m. STERLING Serial Number #4 NO Reversed Out NO	2823 KB Formation MORROW Effective Pay -12 Sec. 5 Twp. 28 S Range No. 1 Interval Tested from 5067 ft. to 5067 ft. Size 6 3/4 in. Packer depth 5115 ft. Size 6 3/4 in. Packer depth Sive Zone Set Depth (Inside) 5053 ft. Recorder Number Ser Depth (Outside) 5108 ft. Recorder Number Recorder Depth 5144 ft. Recorder Number CHEMICAL Viscosity 50 Drill Collar Length 9.2 Water Loss 7.2 cc. Weight Pipe Length STERLING Serial Number #4 Test Tool Length NO Reversed Out NO Anchor Length 31 DP IN ANCHOR 31 DP IN ANCHOR	2823 KB	2823 KB	12 Sec. 5 Twp. 28 S Range 30 W County GRAY	2823 KB	2823 KB Formation MORROW Effective Pay Ft. Ticket No. T005 12 Sec. 5 Twp. 28 S Range 30 W County GRAY State KANS KEITH REAVIS Diamond Representative TIMOTHY T. VENTERS No. 1 Interval Tested from 5067 ft. to 5115 ft. Total Depth 5147 5067 ft. Size 6 3/4 in. Packer depth 5120 ft. Size 6 3/4 in. 5115 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in. 50epth (Inside) 5053 ft. Recorder Depth 8457 Cap. 10,000 p.s.l. 10,000 p.s.l. er Depth (Outside) 5108 ft. Recorder Number 11030 Cap. 5,025 p.s.l. Recorder Depth 5144 ft. Recorder Number 11029 Cap. 5,025 p.s.l. CHEMICAL Viscosity 50 Drill Collar Length 334 ft. I.D. 2 1/4 9.2 Water Loss 7.2 cc. Weight Pipe Length 4705 ft. I.D. 3 1/2 IF

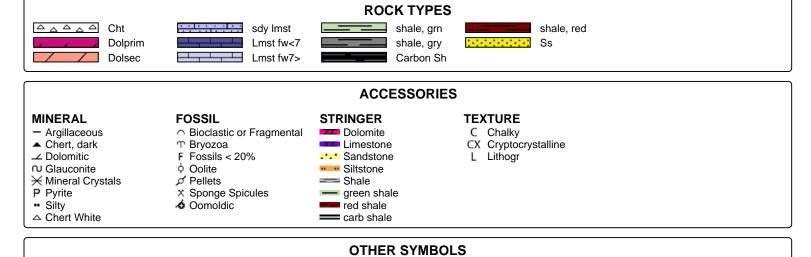
Blow: 1st Open: WEAK SURFACE BLOW BUILDING TO 1/4 INCH. 2nd Open: WEAK SURFACE BLOW THROUGHOT PERIOD.

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Company FALCON EXPLORATION, INC.

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Recoveredft. of		jee
Remarks:		peta peta peta
	20 14 14 14 277 287 18	10 10 18 10 20 28 20 28 20 20
TOOL SAMPLE: TR. OIL, 100	1000	Total
Time Set Packer(s) 5:20	PM P.M. Time Started Off Bottom 9:10 PM P.M. N	Maximum Temperature 116 deg.
Initial Hydrostatic Pressure	(A) 2406 P.S.I	
Initial Flow Period		. to (C) 11 P.S.I.
Initial Closed In Period	Minutes 75 (D) 488 P.S.I.	PAC 985
Final Flow Period	Minutes 60 (E) 13 P.S.I.	to (F) 16 P.S.I.
Final Closed In Period	Minutes 90 (G) 37 P.S.I.	
Final Hydrostatic Pressure	(H) 2405 P.S.I.	
		44 F F F F F F F F F F F F F F F F F F
	Drill Stem Test #2	
1.11/	DIAMOND TESTING	21:22 1 27 12
	HOICINGTON KANDAD ATTAL	ME ON: 21:32 1-27-12
HA.	(800) 542-7313 TI	ME OFF: 07:59 1-28-12
V// //	DRILL-STEM TEST TICKET	





MISC

DST

