

	1		
Well Name:	COLE #1		
Surface Location:	SW SW SW, Sec. 1- T6S- R20W		
Bottom Location:			
API:	15-163-24404		
License Number:	34903		
Spud Date:		Time:	5:45 PM
Region:			
Drilling Completed:	11/7/2019	Time:	3:40 PM
Surface Coordinates:	330' FSL & 330' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	2060.00ft		
K.B. Elevation:	2066.00ft		
Logged Interval:	3000.00ft	To:	3536.00ft
Total Depth:	3536.00ft		
Formation:			
Drilling Fluid Type:	CHEMICAL		

OPERATOR

Company: Address:	JASPAR CO. INC P.O. BOX 1120			
Well Name:	SHANE VEHIGE (785) 632-6982 COLE #1 SW SW SW, Sec. 1- T6S- R20W 15-163-24404 KS	Field: Country:	WILDCAT	

SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-99.50771
Latitude:	39.55437
N/S Co-ord:	330' FSL
E/W Co-ord:	330' FWL

LOGGED BY

Rig Release:	11/8/2019	Time:	6:00 PM
TD Date:	11/7/2019	Time:	3:40 PM
Spud Date:	11/1/2019	Time:	5:45 PM
Rig Type:	MUD ROTARY		
Rig #:	1		
Contractor:	FLEX DRILLING INC.		
	CONTRACTOR		
Logged By:	Geologist	Name:	CAMERON BRIN
Phone Nbr:	(785) 639-0721	Nomo	
	HAYS, KS 67601		
Company: Address:	2717 HICKORY		

ELEVATIONS

K.B. Elevation: 2066.00ft K.B. to Ground: 6.00ft

Ground Elevation: 2060.00ft

NOTES

AFTER REVIEWING THE LOGS AND STRUCTURAL COMPARISON TO NEARBY WELLS, DESCISON WAS MADE TO RUN 5 1/2" PRODUCTION CASING FURTHER EVALUATE THE COLE #1 WELL.

	DST #1 TOR	ONTO- LK	C D	
	DRILL STEM TE	ST REPO	ORT	
TESTING, INC	Jaspar Co PO Box 1120 Hays, KS 67601 ATTN: Cameron Brin		1-6s-20w Rooks, P Cole #1 Job Ticket: 66356 Test Start: 2019.11.0	DST#:1
GENERAL INFORMATION: Formation: Toronto - LKC "D" Deviated: No Whipstock: Time Tool Opened: 17:44:50 Time Test Ended: 23:12:05 Interval: 3249.00 ft (KB) To 33 Total Depth: 3357.00 ft (KB) (Th Hole Diameter: 7.88 inches Hole			Test Type: Convent Tester: Spencer Unit No: 84 Reference Bevations: KB to GRI/CF	2066.00 ft (KB) 2060.00 ft (CF)
Serial #: 6838 Inside Press@RunDepth: 75.44 psig Start Date: 2019.11.05 Start Time: 14:45:04	@ 3254.00 ft (KB) End Date: End Time:	2019.11.05 23:12:05	Capacity: Last Calib.: Time On Btm: 2019.11. Time Off Btm:	psig 2019.11.05 05 @ 17:43:50
Prosente ve 1	Volume (Md)	215 219	39.12 91.85 Open 1 58.38 94.91 Shut-In 851.96 96.49 End Sh 60.01 96.28 Open 1 75.44 96.94 Shut-In 819.35 98.17 End Sh	tation Nydro-static To Flow (1) (1) ut-In(1) To Flow (2) (2) ut-In(2) Hydro-static
L	DOT #0			
		LKC E-F		
	DOLL OTELLTS	OT DEDC		
TRILOBITE	DRILL STEM TE	STREPC	1-6s-20w Rooks,K	-

PO Box 1120 Hays, KS 67601

ATTN: Cameron Brin

Job Ticket: 66357

Test Start: 2019.11.06 @ 07:15:00

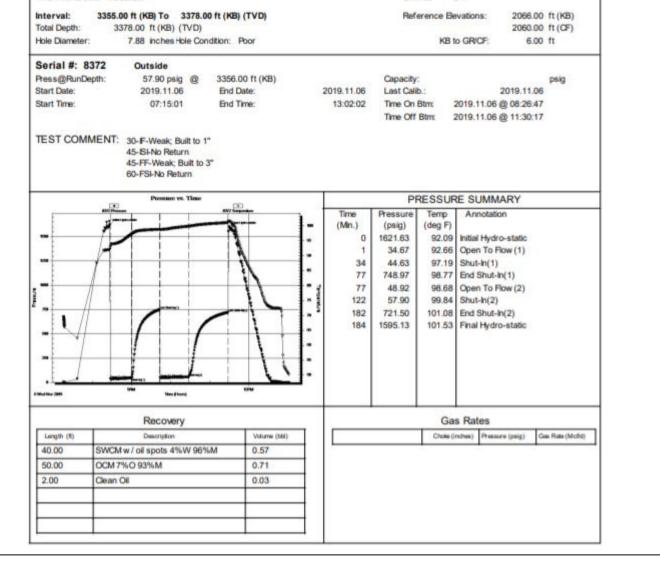
GENERAL INFORMATION:

LKC 'E-F' No Whipstock: Formation: Deviated: Time Tool Opened: 08:27:17 Time Test Ended: 13:02:02

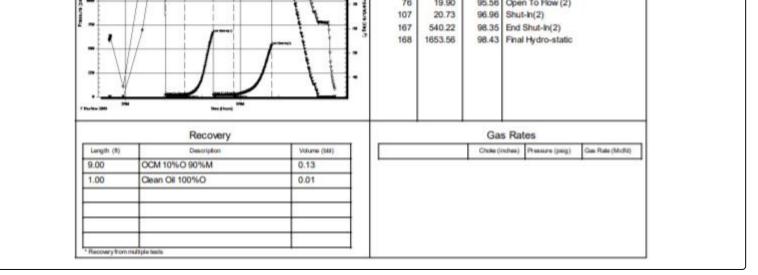
ft (KB)

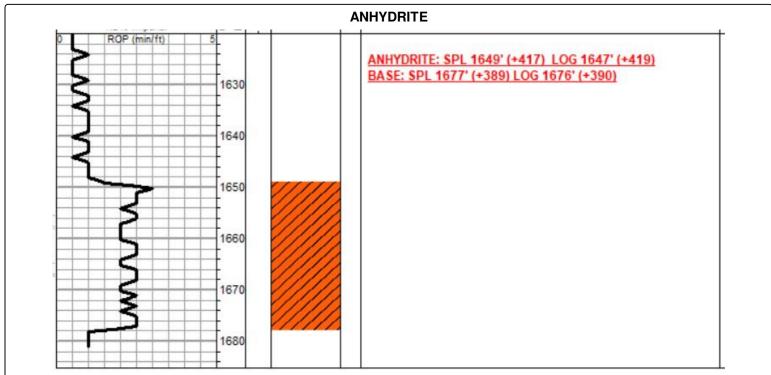
Test Type: Conventional Bottom Hole (Initial) Tester: Spencer J Staab Unit No: 84

DST#:2

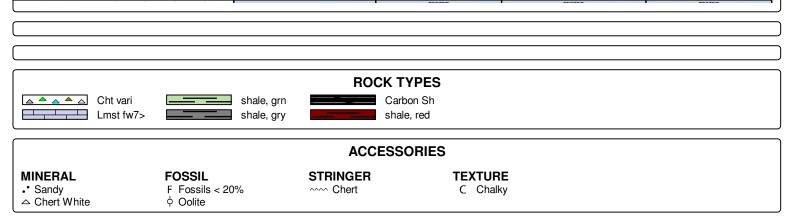


ATTO TO		DRILL STEM TEST REPORT											
	LOBITE	Jaspar Co		1-6s-20w Rooks,KS Cole #1 Job Ticket: 66358 DST#:3 Test Start: 2019.11.07 @ 02:35:00									
	ESTING , INC	PO Box 1120 Hays, KS 67601 ATTN: Cameron Brin											
GENERAL INFOR Formation: LK Deviated: No Time Tool Opened: 04: Time Test Ended: 08:	C 'I-J' Whipstock: 03:02	ft (KB)				l Bottom Hole (Reset)							
Interval: 3430.	0.843.000			Reference I	1252.5	2066.00 ft (KB) 2060.00 ft (CF) 6.00 ft							
Serial #: 8372 Press@RunDepth: Start Date: Start Time: TEST COMMENT:	45-ISI-No Return	End Date: End Time: to 1/4"; Died back to Surface	2019.11.07 08:28:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:	2019.11.07 (2019.11.07 (
	60-FSI-No Return Pressure vs. 13		- Time (Mn.) - 0 1	Pressure Temp (psig) (deg F 1667.15 93.1		n o-static							





					~	•						P&A4	/9/2012				P&A 3/30	0/2018	3					•		
					AMES ENERGY EXPLORATION				K&E PETROLEUM AMES ENERGY EX					XPLO	RATIO	N		AMES ENERGY EXPLORATION								
42	l – 1		- n		HANSEN ESTATE #1 N2 SE SW SE, Sec. 2-T6S-R20W				HANSEN FOUNDATION #3					NICHOL #1						HAMIT #1						
		COL	.E #1		N	2 SE SW SE, Se	c. 2-T6	5-R20\	N		E2 5	E NE NE, S	ec. 11-T6	6 R20W	V	W2	E2 SE SW, Se	c. 2-Te	iS-R18	W		S	E NW SE, S	ec. 2-1	65-R2	.0W
	KB	2066	GL	2060	KB		2082	2			KB		2106			KB	6	21	31			KB		2	138	
	LOG	TOPS	SAMPI	LE TOPS		LOG	LO	G	SMPL		LC	G	LOG	SI	MPL.	LO	GS	L.)G	SIV	IPL.	COMI	P. CARD	LO	DG	SIV
FORMATION	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	COF	RR.	CORR	. DE	EPTH	DATUM	CORR.	C	ORR.	DEPTH	DATUM	CC	RR.	CO	RR.	DEPTH	DATUM	CO	RR.	CO
ANHYDRITE TOP	1647	419	1649	417	1666	416	+	3	+	1	1692	414	+ 5	+	3	1725	406	+	13	+	11	1721	417	+	2	+
BASE	1676	390	1677	389							1722	384	+ 6	+	5	1736	395	-	5		6	1751	387	+	3	+
TOPEKA	3056	-990	3058	-992	3070	-988	Ý	2	- 3	4	3092	-986	- 4		6	3118	-987	- 19	3	-	5	3129	-991	+	1	-
HEEBNER SHALE	3254	-1188	3255	-1189	3266	-1184	124	4	-	5	3289	-1183	- 5	-	6	3315	-1184	120	4		5	3328	-1190	+	2	+
TORONTO	3276	-1210	3278	-1212	3289	-1207	2.00	3		5	3312	-1206	- 4		6	3339	-1208		2		4	3351	-1213	+	3	+
LKC	3290	-1224	3293	-1227	3304	-1222	1	2	-	5	3325	-1219	- 5		8	3353	-1222	1000	2	:=	5	3365	-1227	+	3	+
BKC	3487	-1421	3487	-1421	3500	-1418		3	-	3	3520	-1414	- 7	- Q.	7	3546	-1415	140	6		6	3559	-1421	+	0	+
	2				2												2								-	
REAGAN SAND					3554	-1472					3577	-1471				3599	-1468					3616	-1478			
TOTAL DEPTH	3525	-1459	3536	-1470	3557	-1475	+	16	+	5	3575	-1469	+ 10	10	1	3603	-1472	+	13	+	2	3618	-1480	+	21	+



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