

COMPANY **HFC Oil Operating, Inc.**

WELL **Drilling-Lobgasser #23-1**

FIELD **Waldcat**

LOCATION **Z440's Fair & 900's Fair**

SEC. **23** TWP. **9S** RGE. **25W**

COUNTY **Graham**

STATE **Kansas**

OPERATOR **HFC Oil Operating, Inc.**
 CONTRACTOR **American Energy Fields #3**
 COMM. **6-1-12** COMP. **6-14-12**

CASING RECORD
 SURF: **58' @ 222'** PROD: **None**
 TOTAL DEPTH DRILLERS: **417'**

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE NO.	ELECTRIC LOG	SPR-SEA POSITION	STRUCTURAL POSITION
Top Anhydrite	2252	2251	+312	-6
Base Anhydrite	2253	2290	+219	-1
Topeka	3645	3646	-1077	+11
Heebner	3885	3885	-1292	+12
Toronto	3905	3901	-1316	+14
LKC	3905	3901	-1332	+17
BKC	4133	4132	-1523	+10

REFERENCE WELL FOR STRUCTURE **Paragon Resources, Inc.**
McGuire #1 NE-SE-NE
 Sec. 22-9S-25W



DATE	PENETRATION	NO.	SIZE	MARK	TYPE	OPEN PER	FEET	LOG	BIT RECORD	
									FORMATION	INTERVAL

No.	Interval	IPF/Tim	ISIF/Tim	FPF/Tim	HF-Tim	REMARKS	DRILL STEEL TESTS	
							FORMATION	INTERVAL

REMARKS AND RECOMMENDATIONS: **No shows were encountered throughout the Drilling-Lobgasser #23-1. Decision was made to plug & abandon.**

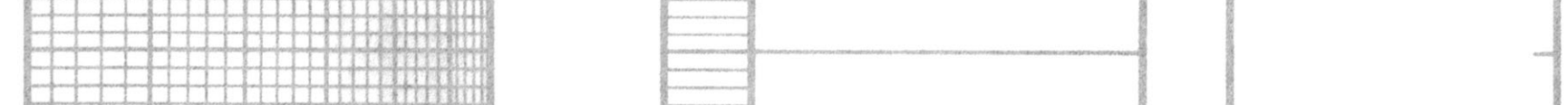
Waldcat

75152

LEGEND



DRILLING TIME IN MINUTES PER FOOT
 Rate of Penetration Decreases



DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
3550				
3600				
3650				
3700				
3750				
3800				
3850				
3900				
3950				
4000				
4050				
4100				
4150				
4200				
4250				
4300				
4350				
4400				
4450				
4500				
4550				
4600				
4650				
4700				
4750				
4800				
4850				
4900				
4950				
5000				

RTD: 4172(1403)
 LTD: 4173(1404)

Waldcat