Company: Address:	OPERATOR HERTEL OIL COMPANY, LLC 704 E 12TH STREET HAYS, KANSAS 67601		
Contact Geologist: Contact Phone Nbr: Well Name: Location: Pool: State:	DAVE HERTEL 785-628-2445 R.C. UNIT # 1 NE NW NW SW Sec 17-15s-19w WILDCAT KANSAS	API: Field: Country:	15-051-26,459-00-00 UNNAMED USA
	Company, L.L.C. Hays, Kansas Scale 1:240 Imperial	4	
Well Name: Surface Location: Bottom Location: API: License Number:	R.C. UNIT # 1 NE NW NW SW Sec 17-15s-19w 15-051-26,459-00-00 33625		
Spud Date:	1/15/2013	Time:	2:30 PM
Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates:	ELLIS COUNTY 1/20/2013 2500' FSL & 550' FWL	Time:	2:01 PM
Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	1978.00ft 1986.00ft 2800.00ft 3665.00ft REAGAN SAND CHEMICAL/FRESH WATER GEL	To:	3665.00ft
	SURFACE CO-ORDINATES	5	
Well Type: Longitude: N/S Co-ord:	Vertical 2500' FSL	Latitude:	

E/W Co-ord:	2500' FSL 550' FWL			
LOGGED BY				
Company: Address:	SOLUTIONS CONSULTING 108 W 35TH HAYS, KS 67601			
Phone Nbr: Logged By:	(785) 639-1337 Geologist	Name:	HERB DEINES	
	CONTRACTOR			
Contractor: Rig #: Rig Type:	DISCOVERY DRILLING INC. 4 MUD ROTARY			
Spud Date: TD Date: Rig Release:	1/15/2013 1/20/2013 1/21/2013	Time: Time: Time:	2:30 PM 2:01 PM 3:00 AM	

ELEVATIONS

K.B. Elevation: 1986.00ft K.B. to Ground: 8.00ft Ground Elevation: 1978.00ft

NOTES

RECOMMENDATION TO PLUG AND ABANDON WELL DUE TO LOW STRUCTURE AND LACK OF DEVELOPMENT IN LKC AND LOW STRUCTURE OF BASAL SAND UNITS.

REFERENCE WELL USED FOR CORRELATION: # 1 PITTS 17 CD DRILLED BY RITCHIE EXPLORATION INC. LOCATED 2280' FSL AND 1260' FWL, SW/4 SEC 17-15S-19W

OPEN HOLE LOGGING BY PIONEER ENERGY SERVICES: RADIATION GUARD LOG

NO DRILL STEM TESTS WERE RAN

FORMATION TOPS SUMMARY AND CHRONOLOGY OF DAILY ACTIVITY

R.C. UNIT #1	# 1 Pitts 17 CD
2500' FSL & 550' FWL, SW/4	2280' FSL & 1260' FWL
Sec. 17-15s-19w	Sec. 17-15s-19w
1978' GL 1986' KB	Reference Well

FORMATION	SAMPLE TOPS	LOG TOPS	LOG TOPS
Anhydrite	1228+ 758	1230+ 756	+753
B-Anhydrite	1258+ 728	1262+ 724	+719
Topeka	2973- 987	2968- 982	- 978
Heebner Shale	3242-1256	3238-1252	-1249
Toronto	3262-1276	3258-1272	-1269
LKC	3286-1300	3283-1297	-1294
ВКС	3530-1544	3528-1542	-1541
Marmaton	3568-1582	3566-1580	-1581
Conglomerate Sand	3616-1630	3618-1632	Not found
Arbuckle		None found	-1611
Reagan Sand	3641-1655	3640-1654	-1621
RTD	3665-1679		
LTD		3665-1679	-1627

SUMMARY OF DAILY ACTIVITY

1-15-13	RU, spud 2:30 pm
1-16-13	953', drilling, set 8 5/8" to 1230' w/ 450 sxs Common, 2%Gel, 3%CC,
	plug down 10:15PM, slope 1 degree, WOC 12 hrs
1-17-13	1230', WOC, drill plug at 10:15 am
1-18-13	2303', drilling
1-19-13	3101', drilling











