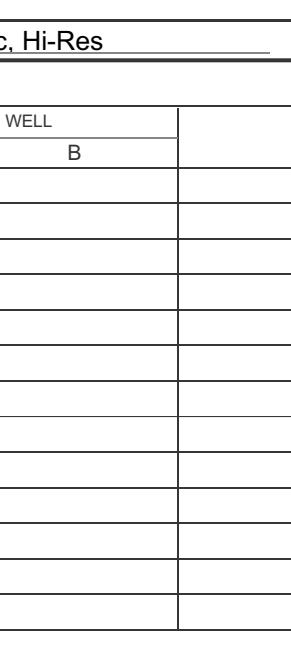


GEOLOGICAL REPORT

Larry A. Nicholson

4 NAD 83
39-6271476
-106.4212083



COMPANY & WELL Suemaur Exploration & Production, LLC												
Muirhead Farms #1-12 NE SW SW SW												
LOCATION	605' FSL	634' FWL	NE	SW	SW	SW	RGE	28W	STATE	Ks		
SECTION	12	TWP	5S	STATE	Ks		SECTION	12	TWP	5S	RGE	28W
COUNTY	Decatur						COUNTY	Decatur				
CONTRACTOR Murfin Drilling Company, Inc. rig # 7												
SPUD	5.15 pm	5-06-16	COMP.	K.B.	2736							
RTD	4485	3:56am	05-13-16	LTD.	4483		D.F.					
MUD UP AT	3120'	700 bbl					G.L.	2731				
MUD TYPE	Chemical, Morgan Mud, Dave Lines											
SAMPLES SAVED												
DRILLING TIME												
SAMPLES EXAMINED												
GEOLOGICAL SUPERVISION												
WELL SITE GEOLOGIST	LARRY A. NICHOLSON, Den, Neu, Dual, Micro, Sonic, Hi-Res											
ELECTRICAL SURVEYS												
Weatherford, Den, Neu, Dual, Micro, Sonic, Hi-Res												
FORMATION												
SAMPLE TOPS	SUBSEA DATUM	ELEC. LOC.	SUBSEA DATUM	REFERENCE WELL								
Stone C	+203	2534	+202	A								
Topeka	-972	3708	-972	B								
Heeber	3890	-1154	3894									
LANS A	3935	-1199	3931									
LANS J	4085	-1349	4084									
LANS K	4111	-1375	4110									
LANS L	4127	-1391	4130									
BKC	4137	-1401	4142									
Cherokee	4214	-1578	4320									
Miss	4425	-1689	4425									
RTD	4483		4483									
LTD	4483		4483									
REFERENCE WELLS	A:											
	B:											

REMARKS & RECOMMENDATIONS:

