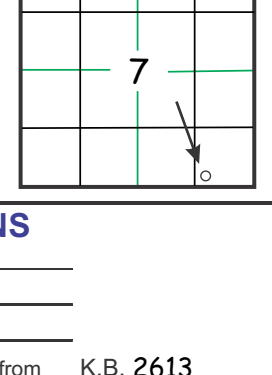


GEOLOGICAL REPORT

Larry A. Nicholson

NAD 83
39 27791574
-100.14906001

COMPANY Culbreath Oil & Gas Company, Inc.
 LEASE Rohleder #1-17 SW SW SE SE
 LOCATION 272' FSL 1200' FEL SEC. 7 TWP. 9S RGE. 25W
 COUNTY Graham STATE Ks



CONTRACTOR STP Drilling LLC Rig # 1
 SPUD 04-18-19 8:00 am COMP. _____
 RTD 4200 LTD 4198 4-23-19
 MUD UP AT 3426 9:35 pm
 MUD TYPE Chemical, Andy's Aaron Blew

ELEVATIONS
 K.B. 2613
 D.F. _____
 G.L. 2606
 All measurements from K.B. 2613

SAMPLES SAVED FROM 3550 TO RTD
 DRILLING TIME FROM 3550 TO RTD
 SAMPLES EXAMINED FROM 3550 TO RTD
 GEOLOGICAL SUPERVISION FROM 3550 TO RTD
 WELLSITE GEOLOGIST LARRY A. NICHOLSON

CASING RECORD
 Conductor _____ of _____ wt _____ sxs
 Surface 263 of 8.5/8 wt 185 sxs
 Production _____ of _____ wt _____ sxs

ELECTRICAL SURVEYS Hallb ACRT. POR. MICRO. BSAT. SURV SONIC

FORMATION TOPS & STRUCTURAL POSITION

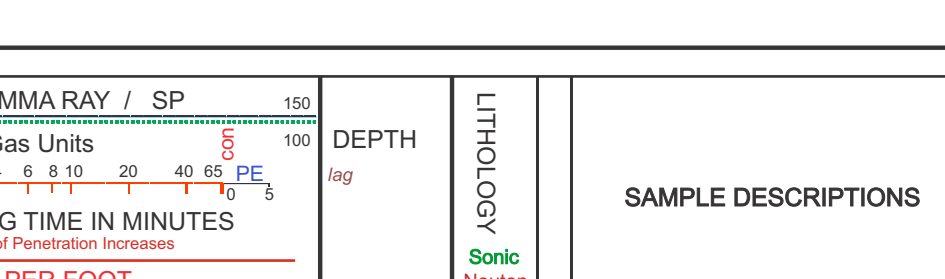
FORMATION	SAMPLE TOPS	SUBSEA DATUM	ELEC LOG TOPS	SUBSEA DATUM	REFERENCE WELL	
					A	B
Anydrite			2300	+313		
Bi/Anydrite			2334	+279		
Heebner			3856	-1243		
Lansing			3898	-1285		
G zone			3980	-1367		
M Creek			4014	-1401		
H zone			4032	-1419		
I zone			4054	-1441		
J zone			4074	-1461		
Stark			4084	-1471		
BKC			4127	-1514		
RTD			4200	-1587		
LTD			4198	-1585		

REFERENCE WELLS
 A: _____
 B: _____

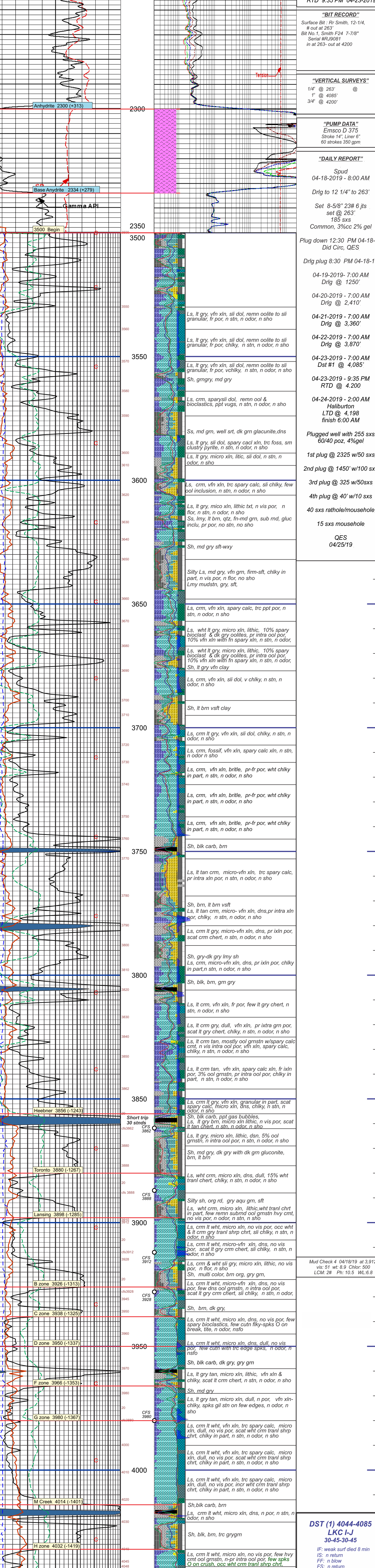
DRILLSTEM TEST SUMMARY : _____ REMARKS & RECOMMENDATIONS:
 Dst #1 4044-4085 (LKC I-J) 30 45 30 45 IF:15-18 FF:20-21 SF:534-263
 Rec 10' Mud IF: weak surf died 8 min, nr FF: N blow, nr
Based on the lack of shows, reservoir and recovery on dsts, the well was P&A
 * Note the ROP, was slide up
 3' to match the Electric log
 Dst is 3' higher

LAN 7/92, Modified 5/05, 11/11, 4/12, 4/18
 1inch = 25.4mm 8.5 x 9.5 216 mm x 2460 mm

LEGEND



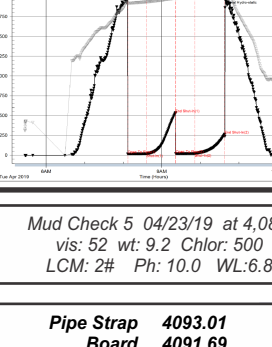
GAMMA RAY / SP
 Gas Units
 DRILLING TIME IN MINUTES
 PER FOOT
 CALIPER



GAMMA RAY / SP
 Gas Units
 DRILLING TIME IN MINUTES
 PER FOOT
 CALIPER

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ELEVATIONS
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4093.01
4091.69
1.32