

5-335-42W

15-129-21692
7-5 Blount

Company: Dominion Exploration & Production, Inc.
Well: Block No. 7.5
Location: Sec 5 T.33N. R.12W

Laboratory: STIM-LAB
Date: 7/9/2003
File: 6591

ROUTINE CORE ANALYSIS

Sample I.D.	Depth feet	Helium Porosity %	Permeability (800-psi)		Fluid Saturations			Grain Density g/cm	API	Lithology	Fluorescence
			Air md	Klinkenberg md	Oil %	Water %	Oil %				
					% Pore Volume	% Pore Volume	% Bulk Volume				
1	4586.4	3.1	0.004	0.002	0.0	84.4	0.0	0.5	2.67	Sst vfg lmy sshty wcam	no
2	4587.7	15.0	0.282	0.187	4.4	45.0	0.7	7.3	2.64	Sst gy vf-fg sshty wcam shv lam(2)	sh bty
3	4591.6	23.9	5.69	4.59	7.7	53.4	1.8	9.3	2.83	Sst bge vf-fg sshty wcam	y
4	4593.4	21.0	6.29	5.12	3.4	56.5	0.7	8.3	2.53	Sst bge b oc/m sshty vsshty wcam	ev dly
5	4594.0	22.8	36.2	32.5	9.8	55.4	2.5	8.7	2.53	Sst bge vf-fg sshty vsshty wcam	ev dly
6	4594.6	20.2	23.1	20.5	6.9	53.0	1.6	7.3	2.53	Sst bge vf-fg sshty vsshty wcam	ev dly
7	4596.5	17.2	14.4	12.6	7.8	53.1	1.4	7.5	2.53	Sst bge vf-fg sshty vsshty wcam	ev dly
8	4597.4	17.6	36.2	32.6	9.0	47.5	1.5	7.1	2.53	Sst bge f-cg sshty shv lam(2,3) wcam	ev dly
9	4598.5	17.3	62.4	55.3	8.8	44.6	1.5	8.0	2.57	Sst bge f-cg sshty wcam	ev dly
10	4600.8	5.3	0.027	0.019	2.1	43.5	0.2	3.3	2.71	Sst lt gy f-vcg vsshty vsshty scalc wcam	sp bty
11	4602.1	5.1	0.022	0.014	4.4	53.1	0.2	2.5	2.70	Sst lt gy f-vcg vsshty vsshty scalc wcam	sp bty
12	4602.8	3.3	0.012	0.009	3.1	49.2	0.1	2.3	2.72	Sst lt gy f-vcg vsshty vsshty scalc wcam	sp bty
13	4603.6	6.9	0.324	0.242	10.2	33.0	0.8	3.9	2.63	Sst gy f-vcg vsshty sshty scalc wcam	mod bty
14	4605.5	17.5	140	117	29.5	33.1	5.8	6.4	2.55	Sst bge f-vcg sshty vsshty vrg wcam	ev bty
15	4606.4	16.4	72.5	60.9	21.9	35.5	3.9	7.6	2.64	Sst bge f-vcg sshty vsshty vrg wcam	ev bty
16	4607.5	5.3	0.102	0.070	8.3		0.6	3.3	2.65	Sst gy f-vcg vsshty sshty vsshty scalc wcam	sp bty

RECEIVED
AUG 18 2003
KCC WICHITA

RECEIVED

AUG 18 2003

Devilbiss Coring Service

Blanchard, Okla. • (405) 392-2515

KCC WICHITA CORING LOG

Core No. 1Core Engineer Jim RichDate 4-1-03Well Name BLDWT 7-5

WELL INFORMATION

Company DOMINION
 Contractor Cheyenne
 County Morton State KANSAS
 Formation Name u. Marrow
 Mud Wt. 9 Vis. 48
 Type Freshwater Gel W.L. 6.4
 Pump psi On 800 Off 700
 Liner Size 6 X 15 Strokes 48

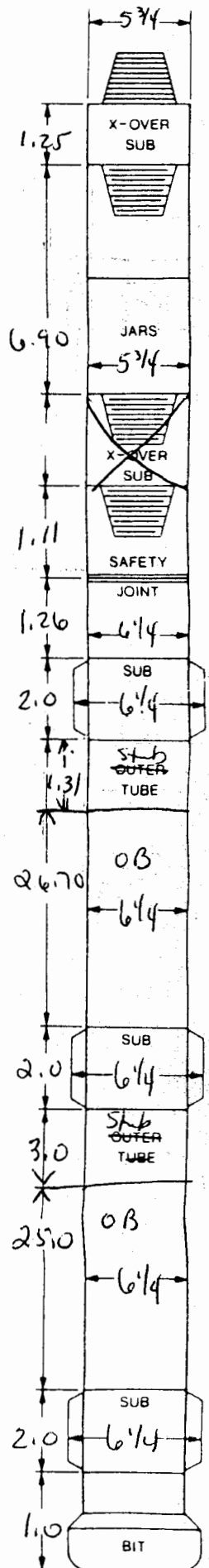
EQUIPMENT

Core Barrel No. 5062
 Size 6 1/4 X 60
 FT PL AL X
 Core Bit No. 5062
 Size 7 27/32 X 4 Type CZ 412
 Previous Ftg. 0
 Ftg. This Core 56
 Total Footage 56

PERFORMANCE

Conv ✓ Other
 Depth of Core - Finish 4629
 Start 4573
 Core Recovered 56
 Footage Cored 56
 % Recovery 100.90
 Core Time 18 hr 22 min
 Core Catcher Type Consolidated

NO FEET CORED	INTERVAL	PENETRATION RATE MINUTES PER FOOT																		OPERATING CONDITIONS		
		2	3	4	5	6	7	8	9	10	15	20	30	40	50	60	70	80	90	WEIGHT	ROTATING RPM	FLUID GPM
0	4573	12'20"																		15	65	274
1	4574	12'55"	35																			
2	4575	13'40"	45																	20	60	
3	76	14'04"	24																			
4	77	14'29"	25																			
5	78	14'56"	27																			
6	79	15'22"	26																			
7	4580	16'01"	39																			
8	81	16'27"	26																			
9	82	16'52"	25																			
10	83	17'25"	33																			
11	84	17'44"	19																			
12	4585	17'58"	14																			
13	86	18'07"	9																			
14	87	18'16"	9																			
15	88	18'23"	7																			
16	89	18'28"	5																			
17	4590	18'36"	8																			
18	91	18'39"	3																			
19	92	18'43"	4																			
20	93	18'46"	3																			
21	94	18'49"	3																			
22	4595	18'53"	4																	16	65	
23	96	18'54"	1																			
24	97	18'55"	1																			
25	98	18'56"	1																			
26	99	18'57"	1																			
27	4600	19'00"	3																			
28	01	19'02"	2																			
29	02	19'04"	2																			
30	03	19'06"	2																			
31	04	19'07"	1																			
32	4605	19'18"	1																			
33	06	19'19"	1																			
34	07	19'20"	1																			
35	08	19'25"	5																			
36	09	19'44"	19																	18-20	60	
37	4610	20'00"	16																			
38	11	20'27"	27																			
39	12	20'58"	31																			
40	13	21'36"	38																			
41	14	22'05"	29																			
42	4615	22'45"	40																			
43	16	23'11"	26																			
44	17	23'40"	29																			
45	18	0:15	35																			
46	19	0:56	41																			
47	4620	1:26	34																			
48	21	1:50	24																			
49	22	2:26	36																			
50	23	2:56	30																			
51	24	3:31	38																			
52	25	4:08	34																			
53	4626	4:43	35																			
54	27	5:20	37																			
55	28	6:10	50																			
56	29	6:42	32																			
57	4630																					
58	4631																					
59	4632																					
60	4633																					



Loss Torque
 Pulled

* Good break
 Pump Joint 5-15 ft