

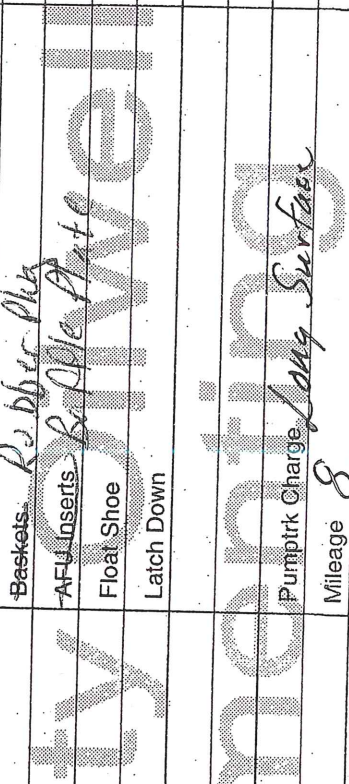
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 7360

Date	8-21-13	22	13	17	ELIS	KS	On Location	345pm
Lease	Remme							
Contractor	Drewery #2							
Type Job	Surface							
Hole Size	12 1/4							
Csg.	8 5/8							
Tbg. Size								
Tool								
Cement Left in Csg.	31.33	Shoe Joint	31.33	Displace	75/2BK			
Meas Line								
Pumptrk	17	No.	Cementer					
Bulktrk		No.	Helper					
Bulktrk	19	No.	Driver					
Bulktrk		No.	Driver					
Bulktrk		No.	Driver					
JOB SERVICES & REMARKS								
Remarks:								
Rat Hole								
Mouse Hole								
Centralizers								
Baskets								
D/V or Port Collar								
	8 5/8 in bottom - Bulk Cementation - Mix Above + Displace Any.							
	Cement Checked							
	Handling 475							
	Mileage							
	Guide Shoe 3 5/8							
	Centralizer 3							
	Baskets Rubber Plug							
	AFU Inserts Rubber Plug							
	Float Shoe							
	Latch Down							
	Pumptrk Charge Long Surface							
	Mileage 8							
								Tax
								Discount
								Total Charge
								
Signature: <i>[Handwritten Signature]</i>								



**Certified Petroleum
Geologist #3351
License #224**

P.O. Box 26
Hays, Kansas 67601-0026
Phone: 785-628-6061
Cell: 785-635-1349

GEOLOGIST'S WELL REPORT

COMPANY DAMAR RESOURCES, INC. (9067)

WELL Romme #1

FIELD Wildcat

LOCATION (legal) Ap. E $\frac{1}{2}$ SE SW SW
(330' FSL & 1055' FWL)

Section 22 TWP 13S RGE 17W

(Map) 1 mi S & $\frac{1}{4}$ mi E of Catherine, Ks.

COUNTY Ellis STATE Kansas

ELEVATION: 1998' K.B., 1990' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26586

GEOLOGY BY Randall Kilian

CONTRACTOR Discovery Drilling Inc. (31548)

RIG #2 HYDRAULICS D-375 6x14x60
(Terry Wicham TP)

DRILL PIPE 4 $\frac{1}{2}$ " X-H COLLARS 6 $\frac{1}{2}$ " 13 (400')

CASING: SURFACE 8 5/8" @ 1215' w/ 450 sx Common

PRODUCTION 5 $\frac{1}{2}$ " @ 3622' w/ 210 sx SMD

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.
(Brandon Mendez)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Jeff Brown)

NUMBER OF TESTS Five (5)

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 2950' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 2950' TO RTD

SAMPLE TIME FROM 2950' TO RTD

SUPERVISION FROM 2950' TO RTD

VERTICAL DEVIATION 3/4°@ 317', 1/2°@ 1215', 1/4°@ 3340',

PLUGGING REPORT 30 sx Rat, 15 sx Mouse

RESERVE PIT 700 bbls., Chl. 47,000 Ca. 1000

DATE:

8-20-13

8-21-13

8-22-13

8-23-13

8-24-13

8-25-13

8-26-13

8-27-13

8-28-13

DATE:	7 a.m. Depth	RIG ACTIVITY
8-20-13		MIRU, Spud
8-21-13	1145'	Drilling surface hole
8-22-13	1315'	Drilling under surface
8-23-13	2260'	Drilling shale & lime
8-24-13	2945'	Drilling lime & shale
8-25-13	3340'	DST #1 Tor-LKc C
8-26-13	3412'	Repairing rig engine
8-27-13	3480'	Drilling LKc lime
8-28-13	3625'	TD, Logged, DST #5 Set pipe.

1	Tor-C 3252- 3340'	55# 83# 5"	720# 60"	98# 567# 60"	640# 90"	1603# 1539#	172' Mud w/ s.o.
2	LKc D-G 3310- 3412'	47# 55# 5"	442# 60"	57# 70# 60"	407# 90"	1654# 1639#	55' Mud w/ s.o.
3	Tor-C 3251- 3336'	51# 73# 5"	710# 60"	78# 154# 60"	498# 90"	1626# 1622#	104' Mud w/ s.o. 126' G,M,Wtr w/ s.o.
4	LKc H-L 3422- 3530'	17# 19# 5"	443# 60"	21# 27# 45"	77# 45"	1707# 1636#	10' Mud
5	Arbuckle 3530- 3570'	191# 216# 5"	1009# 60"	269# 670# 45"	967# 90"	1777# 1700#	720' GIP 1675' G,Oil 27° 125' M,C,Oil
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2848'					
2	2995'	8.5	60	8.0	2.5k	20
3	3150'	8.7	51	8.0		
4	3290'	8.9	58			
5	3340'	9.1	44	8.8	5.5k	13
6	3412'	9.2	56	8.0	5k	18
7	3490'	8.9	53	8.8		
8	3600'	9.0	59			
9						
10						
11						

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
1	12 1/2"	IADC	437	1215'	1215'	12 1/2
2	7 7/8"	HTCo.	GX20C	3625'	2410'	57 1/2
3						
4						
5						
6						
7						

Displaced
LCM 3#
LCM 2#
LCM 1 1/2#

T
13
S



STRA
MAF
Anhy
Base
Tope
Heek
Torc
Lans
BKc.
Arbu
TD

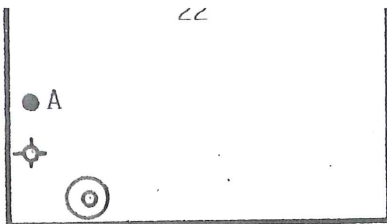
*Struct

24' Mud w/ s.o.
26' G,M,Wtr w/ s.o.

10' Mud

20' GIP
75' G, Oil 27°
25' M,C, Oil

15
S



C:
D:
E:

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1227'	1216'	+ 782	+ 765				
Base	1263'	1260'	+ 738					
Topeka	3016'	3018'	-1020	-1022				
Heeb. Sh.	3256'	3260'	-1262	-1266				
Toronto	3278'	3280'	-1282	-1287				
Lansing	3301'	3306'	-1308	-1312				
BKc.	3527'	3532'	-1534	-1537				
Arbuckle	3545'	3550'	-1552	-1552				
TD	3625'	3629'	-1631	-1562				

*Structural position of subject well as compared to referred well.

1	2	3	4	5	6	7
12 1/4"	7 7/8"					
IADC	HTCO.					
437	GX20C					
1215'	3625'					
1215'	2410'					
12 1/4"	57 1/4"					

The well ran 0-5' high structurally to the nearby producer. Four (4) DST's were run over the Toronto through the BKc with negative results.

The Arbuckle was encountered flat to the nearby well. DST #5 over the upper 20' recovered 1782' oil.

Based upon all data, the well was cased for further testing and production.

Recommended perfs: Arb. 3578-79', 3571-72', 3551-58'
Before abandoning: LKc C 3331-34'

Respectfully,

Randy
Randall Kilian