

Randall Kilian Corporation
Geologist



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GEOLOGIST'S WELL REPORT

COMPANY DAMAR RESOURCES, INC. (9067)
WELL Goddard #2
FIELD Evergreen
LOCATION (legal) Ap. NW NW SE NW
(1490' FNL & 1370' FWL)
Section 22 TWP 9S RGE 23W
(Map) 9 mi N & 2 mi W of County line
COUNTY Graham STATE Kansas
ELEVATION: 2327' K.B., 2322' G.L.
Depths measured from Kelly Bushing
A. P. I. NUMBER 15-065-23972
GEOLOGY BY Randall Kilian

PERTINENT WELL DATA

CONTRACTOR Murfin Drilling Co., Inc. (30606)

RIG #16 HYDRAULICS D-375 6x14x60
(Andy Dinkel TP)

DRILL PIPE 4 1/2" X-H COLLARS 6 1/2" 17 (505')

CASING: SURFACE 8 5/8" @ 262' w/ 160 sx Common

PRODUCTION _____

DRILLING FLUID: COMPANY Andy's Mud & Chemical Co.
(Ken Rupp)

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Jim Svaty)

NUMBER OF TESTS Four (4)

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 3350' - RTD

TYPE PAG

DRILLING TIME FROM 3350' TO RTD

SAMPLE TIME FROM 3350' TO RTD

SUPERVISION FROM 3350' TO RTD

VERTICAL DEVIATION 1/2" @ 263', 1/2" @ 3696'

PLUGGING REPORT 25 sx @ 1951', 100 @ 1122', 10 @ 310', 10 @
40', 30 Pat, 205 sx 60/40 Poz Pat Staab

RESERVE PIT 500 bbls., Chl. 16,000 Ca. 1,100

DATE:

9-26-11

9-27-11

9-28-11

9-29-11

9-30-11

10-1-11

10-2-11

DAILY REPORT

DATE:	7 a.m. Depth	RIG ACTIVITY
9-26-13		MIRU, Spud
9-27-13	340'	Drilling under surface
9-28-13	2190'	Drilling shale & sand
9-29-13	3215'	Drilling shale & lime
9-30-13	3696'	DST #1 LKc C
10-1-13	3805'	Drilling BKc.
10-2-13	3900'	TD, Logged, Plugging

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	LKc C 3680- 3696'	12# 21# 5"	460# 60"	22# 64# 60"	439# 90"	1817# 1716#	10' GIP 110' M,C,Wtr w/ s.o
2	LKc F 3720- 3733'	12# 16# 5"	427# 60"	20# 27# 60"	407# 90"	1826# 1809#	80' GIP 10' Oil 30' OCM 20% Oil
3	LKc F-F 3710- 3760'	20# 32# 5"	510# 60"	25# 50# 60"	387# 90"	1863# 1711#	3' Oil 67' OCM, C, Mud
4	LKc K-L 3830- TD	15# 17# 5"	976# 60"	19# 25# 30"	446# 30"	1933# 1811#	5' Mud w/ s.o.
5							
6							
7							
8							

MUD RECORD

DEPTH	WT	VIS	FIL	CHL	YP
3085'					
3268'	8.6	65	7.2	400	16
3560'	8.9	62			
3680'	9.0	54			
3696'	9.1	52	7.2	500	14
3829'	9.4	55	8.0	1k	16

Displaced
LCM 2#
LCM 2#
LCM 1 1/2# \$9266

BIT RECORD

SIZE	MAKE	TYPE	DEPTH-OUT	FEET	HOURS
12 1/4"	Varel	CF1GMS	263'	263'	3 1/4
7 7/8"	HTCo.	GX20C	3900'	3637'	69

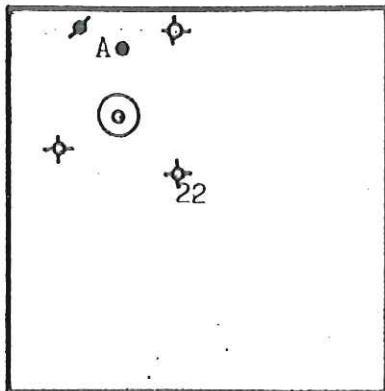
T 9 S

STR
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TD

Pi

FORMATION TOPS & STRUCTURAL GEOLOGY

R 23 W



REFERRED TO:

- A: DAMAR RESOURCES, INC.
Goddard #1 W 1/2 NE NW 22
- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1928'	1926'	+ 401	+ 400				
Base	1966'	1962'	+ 365	+ 365				
Topeka	3408'	3404'	-1077	-1076				
Heeb. Sh.	3625'	3620'	-1293	-1290				
Toronto	3647'	3641'	-1314	-1313				
Lansing	3662'	3656'	-1329	-1328				
BKc.	3892'	3874'	-1547	-1547				
TD.	3900'	3897'	-1570	-1583				

Pipe strap .20' long.

SUMMARY

The Goddard #2 well was drilled with Murfin Drilling tools rig #16 beginning 9-26-13 and drilling was completed 10-2-13.

The drill site location was identified by a 3-D seismic survey.

The well ran low structurally to the #1 producer north.

Oil shows were encountered in several zones.

Four DST's were run with negative results.

Based upon all data, the well was plugged.

Respectfully,

Randy
Randall Kilian

REMARKS

LITHOLOGY (LAGGED)

∅ & SHOWS
POOR
FAIR
GOOD
DST

DRILLING TIME (min/ft)
1/2 1 2 3 4 5678910