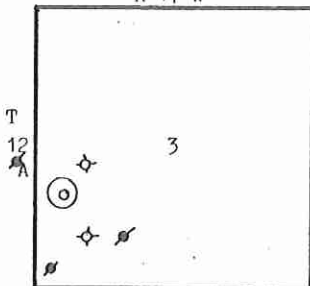


FORMATION TOPS & STRUCTURAL GEOLOGY

R 17 W



REFERRED TO:
 MURFIN DRILLING CO.
 Bemis #1 NE NE SE 4

A: _____
 B: _____
 C: _____
 D: _____
 E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1342'	1339'	+ 786	+ 777				
Base	1378'	1376'	+ 749	+ 743				
Topeka	3071'	3064'	- 939	- 945				
Heeb. Sh.	3306'	3299'	-1174	-1180				
Toronto	3328'	3320'	-1195	-1202				
Lansing	3351'	3344'	-1219	-1227				
PKc.	3583'	3576'	-1451	-1462				
Arbuckle	3616'	3605'	-1480	-1495				
TD.	3700'	3694'	-1569	-1597				

Board correction and pipe strap raises all tops below the anhydrite by 4'. The geologist log does NOT show this correction.

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

SUMMARY

The Windholz #2 well was drilled with Murfin Drilling Co. tools rig #16 beginning 10-10-13 and drilling was completed 10-17-13.

The drill site was located via a 3-D seismic survey.

The well ran high structurally to all nearby wells.

Four zones appeared to develop in the LKc Group. DST #1 over the Toronto through the LKc G was a somewhat positive test along with DST #2 over the upper 35' of Arbuckle.

Based upon all data, 5 1/2" casing was set and cemented to further test the well.

Recommended perms: Arbuckle 3643-50', 3618-32', LKc J 3525-28', 3507-10', G 3422-40', C 3376-79', and before abandoning, D 3401-05'.

Sincerely,

Randy
 Randall Kilian

DAILY REPORT

DATE: 7 a.m. Depth RIG ACTIVITY

10-10-13		MIRU, Spud
10-11-13	305'	WOC
10-12-13	1840'	Drilling sand & shale
10-13-13	2830'	Drilling lime & shale
10-14-13	3460'	DST #1 Tor-Lkc-G
10-15-13	3640'	Drilling Arbuckle
10-16-13	3700'	TD, Logged, DST #2, Set pipe

DRILL STEM TESTS

NO	INTERVAL	IFT/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	HP/FHP	RECOVERY
1	Tor-G 3304- 3460'	41# 53# 5"	992# 60" 60"	60# 124# 60"	739# 90"	1635# 1591#	255' G&O, C, Mud 30%
2	Arbuckle 3573- 3640'	45# 51# 5"	1027# 60" 60"	54# 60# 60"	902# 90"	1826# 1780#	10' Oil 75' O, C, Mud 15% oil
3							
4							
5							
6							
7							
8							

MUD RECORD				BIT RECORD									
CHK	DEPTH	WT	VIS	FL	CHL	YP	NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
	1	2792'											
	2	2977'	8.6	65	7.2	1.5k	25		Varel	CH10MS	305'	305'	3 1/2
	3	3110'	8.8	64					FTCo.	GX20C	3700'	3395'	66 1/2
	4	3240'	8.8	62									
	5	3370'	8.9	59									
	6	3460'	9.1	51	8.0	2k	14						
	7	3570'	9.1	65									
	8	3680'	9.1	57									
	9	3700'	9.2	60	8.0	4k	25						
	10												
	11												

Displaced
LCM 2#

LCM 1 1/2#

LCM 2# \$17,196

FORI

T
12
A



STRATIG
MARKE

- Arhyde
- Base
- Topeka
- Heeb
- Toront
- Lansin
- PKc.
- Arbuck
- TD.

Board
anhydr
correct

*Structura

Randall Kilian Corporation

Geologist



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 Windholz #2

FIELD Bemis-Shutts

LOCATION (legal) Ap. NE SW NW SW
(1710' FSL & 490' FWL)

Section 3 TWP 12S RGE 17W

(Map) 1 1/2 mi E & 7 mi N of Catherine, Ks.

COUNTY Ellis STATE Kansas

ELEVATION: 2125' K.B., 2120' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-051-26620

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" @ 304' w/ 220 sx Common

PRODUCTION 5 1/2" @ 3689' w/ 145 sx Common
PC @ 1328'

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

TYPE: Chemical

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Brett Dickinson)

NUMBER OF TESTS Two (2)

ELECTIC LOGS: COMPANY Pioneer Energy Services

DETAIL (5") 3000' - RTD

TYPE DI, Comp N-D, Micro

DRILLING TIME FROM 3000' TO RTD

SAMPLE TIME FROM 3000' TO RTD

SUPERVISION FROM 3000' TO RTD

VERTICAL DEVIATION 1" @ 305', 1" @ 3460',
1" @ 3700'

PLUGGING REPORT 30 sx Rat

RESERVE PIT 700 bbls., Chl. 72,000 Ca. 1,000