

Randall Kilian Corporation
Geologist



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GEOLOGIST'S WELL REPORT

COMPANY BACH OIL PRODUCTION (31569)

WELL Janie Lowry #1

FIELD Wildcat

LOCATION (legal) NE NE SE
(2310' FSL & 330' FEL)
Section 34 TWP 7S RGE 20W

(Map) 1/2 mi S of Hiway 24 & #5 Road

COUNTY Rooks STATE Kansas

ELEVATION: 1905' K.B., 1900' G.L.

Depths measured from Kelly Bushing

A. P. I. NUMBER 15-163-23897

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 16 (475')

CASING: SURFACE 13 3/8" @ 48' w/ 90 sx Common

PRODUCTION _____

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

TYPE: Chemical & Drispac

REMARKS: Full service

DRILL STEM TESTS: COMPANY Trilobite Testing Inc.
(Dan Bangle)

NUMBER OF TESTS One (1)

ELECTIC LOGS: COMPANY Pioneer Log-Tech Inc.

DETAIL (5") 2800' - RTD

TYPE RAG

DRILLING TIME FROM 2800' TO RTD

SAMPLE TIME FROM 2800' TO RTD

SUPERVISION FROM 2800' TO RTD

VERTICAL DEVIATION 3/4° @ 1721', 1/8° @ 3230'

PLUGGING REPORT 25 @ 3360', 50 @ 1472', 100 @ 800', 100 @ 250', 30 Rat, 15 Mouse, 320 sx 60/40 Poz Rich Williams

RESERVE PIT 500 bbls., Ch1 14,000

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	HP/FHP	RECOVERY
1	LKc F-G 3194- 3230'	30# 72# 5"	537# 60"	85# 300# 60"	455# 90"	1573# 1598#	680' M, Wtr
2							
3							
4							
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2635'					
2	2800'	8.7	57			
3	2850'	8.8	58			
4	2961'	8.7	52	7.6	850	14
5	3030'	9.0	56			
6	3150'	9.0	53			
7	3230'	9.0	50	8.8	2k	12
8	3300'	9.1	55			
9	3400'	9.2	55			
10						
11						

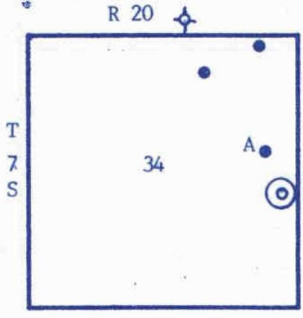
Displaced
LOM 2#
LOM 3#
LOM 2½#

LOM 2#
LOM 4#
LOM 4#

BIT RECORD

NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	17 ½"	HICO.		48'	48'	1
2	7 7/8"	HICO	GX20C	3400'	3352'	60 ½
3						
4						
5						
6						
7						

FORMATION TOPS & STRUCTURAL GEOLOGY



REFERRED TO:

- A: BACH OIL PRODUCTION
- Lowry #2 NW SE SE NE 34
- B: _____
- C: _____
- D: _____
- E: _____

STRATIGRAPHIC MARKERS	SUBJECT WELL		STRUCTURAL POSITION					
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anhydrite	1456'	1456'	+ 449	+ 454				
Base	1490'	1490'	+ 415	+ 419				
Topeka	2884'	2883'	- 978	- 969				
Heeb. Sh.	3086'	3086'	-1181	-1170				
Toronto	3112'	3112'	-1207	-1195				
Lansing	3127'	3126'	-1221	-1209				
BKc.	3342'	3339'	-1434	-1420				
Arbuckle	3383'	3383'	-1478	-1460				
TD	3400'	3400'	-1495	-1515				

Pipe strap 64' short.

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

SUMMARY

The Janie Lowry #1 well was drilled with Murfin Drilling Co. tools rig #16 beginning 10-15-10 and drilling was completed 10-19-10.

The drillsite was located via a 3-D seismic survey. However, the location was on the eastern edge of the shoot.

The well ran low structurally to nearby wells, lower than expected from seismic data. Oil shows were encountered in the LKc F-G. A DST over the LKc F-G was negative. The Arbuckle was encountered low with poor oil shows. A RAG log was run to confirm tops and condemn the well.

Based upon all data, the well was plugged as a dry hole.

Respectfully,

Randy
Randall Kilian

REMARKS

LITHOLOGY (LAGGED)

& SHOWS
POOR
FAIR
GOOD
DST

DRILLING TIME (min/ft)

1/2 1 2 3 4 5678910

DRILLING TIME (min/ft)						# OF SHOWS	LITHOLOGY (LAGGED)	REMARKS
1/2	1	2	3	4	5678910			
								Displaced @ 2635'
								Mud Vis-57 WT-8.7 LCM-3 1/2
							sh. siltst. gry-brn	
							ls. tan-brn-gry-fn. vln. fossil cherty	
								Mud Vis-58 WT-8.8 LCM-3 1/2
							sh. siltst. gry-brn-gen	
							ls. tan-brn-gry-fn. vln. fossil cherty	
							sh. siltst. gry	
							ls. tan-brn-gry-fn. vln. fossil	

