Computer Inventoried

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GEOLOGIST'S WELL REPORT

COMPUTER INVENTORIED

COMPANY SHIELDS OIL PRODUCERS, INC.
WELL Eulert "C"-1
FIELD Wildcat
LOCATION (legal) C SE¼
Section 34 TWP 11 S RGE 15 W
(Map)
COUNTY Russell STATE Kansas
ELEVATION: 1727 K.B. 1722 G.L.
Depths measured form Kelly Bushing
A.P.I. NUMBER 15-167-22,912
GEOLOGY BY Randall Kilian

RECEIVED
STATE CORPORATION COMMISSION
JUN 26 1990
CONSERVATION DIVISION
Wichita, Kansas

PERTINENT WELL DATA

CONTRACTOR Shields Drilling Co. Inc.
RIG #2 HYDRAULICS CE 225 6"x14"x58
DRILL PIPE 4½ Full COLLARS H-90
CASING: SURFACE 8 5/8" @ 223' w/ 145 Sx.
PRODUCTION None
DRILLING FLUID: COMPANY Davis Mud Co.
TYPE: Starch (Salt)
REMARKS: No-Service
DRILL STEM TESTS: COMPANY Swift Formation Testers (Nellie & Greg Call)
NUMBER OF TESTS Three (3)
ELECTIC LOGS: COMPANY None
DETAIL (5") (2")
TYPE
DRILLING TIME FROM 2500' TO RTD
SAMPLE FROM 2500' TO RTD
SUPERVISION FROM 2500' TO RTD
VERTICAL DEVIATION 1°@ 2937'
PLUGGING REPORT P & A 6-21-90

DAILY REPORT

DATE:	7 a.m. Depth	RIG ACTIVITY
6-14-90		MIRU Spud.
6-15-90	227'	WOC.
6-16-90	1473'	Drilling shale
6-17-90	2074'	Drilling shale & lime
6-18-90	2648'	Drilling lime & shale
6-19-90	2937'	DST #1
6-20-90	2990'	DST #2
6-21-90	3165'	Drilling lime & shale

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	LKc CD 2908- 2937'	92# 109# 30"	664# 30"	134# 156# 45"	656# 45"	1559# 1530#	200' M Water
2	LKc.FG 2948- 2990'	100# 353# 30"	840# 45"	395# 505# 30"	833# 45"	1629# 1616#	1,020' Water
3	LKc.JK 3062- 3113'	25# 25# 30"	50# 30"	33# 33# 30"	42# 30"	1712# 1701#	20' Mud
4							
5							
6							
7							
8							

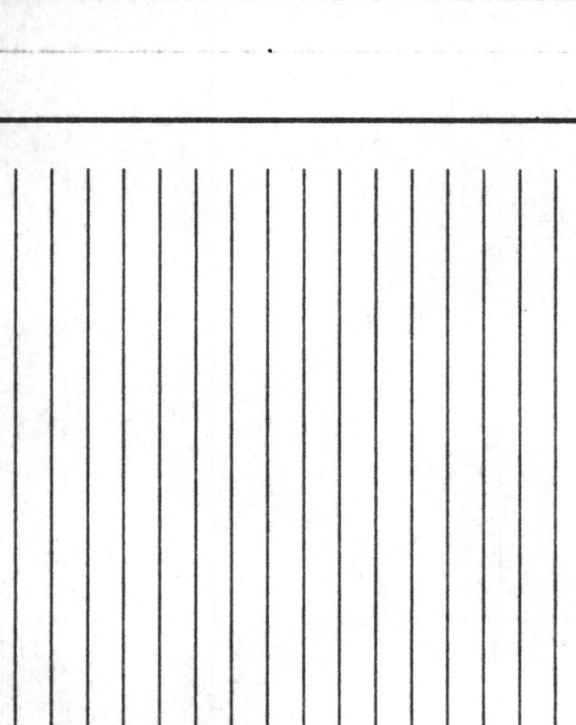
MUD RECORD

CHK	DEPTH	WT	VIS	FIL	CHL	YP	
1	2860'	9.9	40	12			LCM 2#
2	2940'	9.8	39	10.			LCM ½#
3	3020	10.	37	6.			LCM 1½#
4	3140'	9.9	41	28			LCM 2#
5	3190'	10.	45	7			LCM 2#
6							
7							
8							
9							
10							
11							

BIT RECORD

NO.	SIZE	MAKE	TYPE	DEPTHOUT	FEET	HOURS
1	12¼'	RR	.	227'	227'	3 3/4
2	7 7/8	Sec.	SE 265	2937'	2710'	81 3/4
3	7 7/8	Sec.	SE 265	3213'	276'	
4						
5						
6						
7						

FORMATION TOPS & STRUCTURAL GEOLOGY



REFERRED TO:
A: Iron Drilling Co. Eulert #1 NW SW SE 34
B:
C:
D:
E:

STRATIGRAPHIC MARKERS	SUBJECT WELL SAMPLE	E. LOG	DATUM	STRUCTURAL POSITION A	B	C	D	E
Anh.	796-832		+931-+895	+927				
Topeka	2561		-834	-836				
Heebner	2831		-1104	-1109				
Toronto	2852		-1125	-1130				
Lansing	2886		-1159	-1161				
Base Kc.	3144		-1417	-1414				
Arbuckle	NR			-1474				
RTD	3213		-1486	-1526				

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

SUMMARY

The Eulert "C"-1 well was drilled with rotary tools commencing June 14, 1990, to a RTD of 3213' (-1486), and drilling was completed on June 21, 1990. The well was plugged and abandoned as a dry hole.

The Eulert "C"-1 was set up by the Iron Drilling Eulert #1 well which encountered the Arbuckle at -1474 and tested 10' of oil. ESP Development drilled a dry hole about one location west of this show hole and fell off structurally setting up dip to the east.

The Shields well ran high structurally to the show hole through the BKc. and then fell off and did not encounter the Arbuckle. The LKc. was high and a major producer in the area, but not high enough structurally to trap oil. All shows of oil were tested with negative results and therefore, the well was plugged and abandoned.

Respectfully,

Randy Kilian
Randall Kilian

LITHOLOGY (LAGGED) REMARKS

Sh-gry. red, brn.
Ls-buff-fn. x/n. fossil,
Sh-red, brn. gry.
Ls-offwh-buff, fn. x/n. fossil,
Ls a/a
Sh-gry. red.
Ls-buff-gry. fn. x/n. fossil, (fossil)
Sh-gry. red.
Ls-buff-gry fn. x/n. fossil.
Ls a/a
Sh-gry. red.
Ls-buff-gry. fn. x/n. fossil,
Sh-gry. red.
Ls-buff-gry. fn. x/n. fossil
Sh-blk, fissile, Carb.
Sh-gry. red, soft w/ Ls. Chalky
Ls-buff, gry. fn. x/n. fossil, sl. Chalky
Ls a/a
Ls a/a
Sh-gry. red.
Ls-Chalky
Sh-blk. Carb. fissile,
Ls-buff-gry. fn. x/n. fossil chalky
Ls a/a
Ls a/a
Sh-gry. red.
Ls-buff-gry. fn. x/n. fossil.
Ls-buff-gry. fn. x/n. fossil w/ pr-fr. interxln & pp vuggy ø. oil st-sat. fr. odor & sl. chalky
Ls-buff-gry. fn. x/n. fossil, chalky
Sh-blk. Carb.
Ls-brn. fn. x/n. fossil, chalky △
Sh-gry. red, brn, grn. (soft.)
Ls-gry. brn. fn-mod. x/n. fossil △ w/ poor. interxln & pp. vuggy ø. oil st. in ø NSFO, No odor — Mud Vis.-40 Wt.-9.9 WL.-12. Lcm.-2#
Sh-gry. red, brn. grn. Soft.
Ls-buff-brn. fn. x/n. fossil, △, sl. chalky.
Ls a/a
Sh-gry. red, brn, soft. — DST #1 'C-D' 2908-37 30"-30"-45"-45" 200' M Water. FP-92-109 134-156# SIP-664-656#
Ls-buff-brn. fn. x/n. fossil, △ sl. Chalky.
Sh-a/a
Ls-buff-brn. fn. x/n. fossil, w/ interfossil ø. st in ø. SFO.
Ls-buff, oolitic fossil, pkst. w/ fr. interfossil & oomoldic ø. fr. SFO. good odor. oil st-sat.
Ls-buff-lt. brn. fn. x/n. fossil, △ — Mud Vis.-39 WL.-10. Wt.-9.8 Lcm.-½#
Ls-chalky
Sh-gry red, brn. soft. chalky
Ls-buff fn. x/n. fossil, w/ poor. interxln ø. oil st. in ø. Sl. SFO. Fair odor
Sh-gry. brn. — Mud Vis.-42 Wt.-9.8 WL.-10.9 Lcm.-1½#
Ls-buff, fn. x/n. fossil, w/ fr-interxln & vuggy ø. oil st.-sat. Fair SFO, Fair odor.
Ls-buff, ool, oomoldic, pkst. w/ good oom ø. oil st-sat. G SFO, good odor. — DST #2 'E,F,G' 2948-90 30"-45"-30"-45" ~~1020 water~~ FP.-100-353, 395-505# SIP.-840-833#
Ls-offwh-buff, fn. x/n. fossil, ool.
Sh-gry.
Ls a/a
Sh-dk gry. blk.
Sh-gry. brn — Mud Vis.-37 Wt.-10.0 WL.-6.0 Lcm.-1½#
Ls-offwh-buff, fossil, ool. w/ poor-fr. oomoldic & pp vuggy ø. oil st. in ø. sl. SFO, fr. odor.
Sh-gry. red, brn. grn. (soft.)
Ls-buff-gry. fn. x/n. fossil, sl. △
Ls a/a
Sh-gry. red, brn.
Ls-buff-gry. fn. x/n. fossil,
Ls-buff, fn. x/n. fossil, ool. w/ fr. interparts & oomoldic ø. oil st-sat. fr SFO, good odor — Mud Vis.-40 Wt.-10. Lcm.-2#
Sh-blk, carb, fissile
Sh-gry. red. brn. — DST #3 'J-K' 3062-3113 30"-30"-30"-30" 20' Mud. FP. 25-25, 33-33# SIP. 50-42#
Ls-buff, fn. x/n. fossil, w/ poor interxln & pp vuggy ø oil st. in ø Sl. SFO, Sl. odor
Sh-blk, carb.
Sh-gry. brn. red.
Ls-buff-lt. gry. fn. x/n. fossil, △
Sh-gry. brn. red. — Mud Vis.-41 Wt.-9.9 WL.-28 Lcm.-2#
Sh a/a
Ls-buff-fn. x/n. fossil, △, chalky
Sh-gry. red, soft. wash red
Ls-buff, fn x/n. fossil, sl. △, sl. chalky
Sh-red, brn.
Ls & Dolo, buff, fn-med x/n. w/ poor-fr. interxln. ø oil st-sat. Heavy, dark st., chalky — Mud Vis.-45 Wt.-10. WL.-7 Lcm.-2#
Sh-red, brn. soft, (wash, red)
Ls-buff-brn. fn. x/n. fossil, w/ △ ool. sl. dolo.