# STATE OF KANSAS STATE CORFORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.

# WELL PLUGGING RECORD

Give All Information Completely						7 7 40
Make Required Affidavit Mail or Deliver Report to	Toonada	Rice				20_Rge7_E/W
Location as "NE/CNW/SW4" or footage from lines  Conservation Division  C N/2 NW/4						
State Corporation Comm.	Lease (	Dwner .		Oil, Inc.	•	<del>,</del>
245 North Water	Lease N			land ##1-		ell No.
Wichita, KS 67202	Office	Address		t Bend, Ka	7	
		·	1 (Comp.)	eted as O	il, Gas of	Dry Hole)
	Date We	ell comple	ted	<del> </del>	<del></del>	19
	Application for plugging filed 19					
	Application for plugging approved 19					
	Plugging commenced 3/6/80 19 Plugging completed 3/10/80 19					
	Reason for abandonment of well or producing formation depleted					
	- '					last production
						I9
Locate well correctly on above Section Plat						on Division or
• •		ents before			·	yes
Name of Conservation Agent who sup Producing formation		prugging of the top		well To	man Total Dor	oth of Well 3345
Show depth and thickness of all wa					_TOURL DOL	75. 01 (161 <del>1</del> 33/45
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OIL, GAS OR WATER RECORDS				· · · · · · · · · · · · · · · · · · ·	(	ASING RECORD
FORMATION CON	NTENT	. FROM	то	SIZE	JUT IN	PULLED OUT
			:	8-5/8	245	none
			,	4월	3341	2420°
		<del>,                                    </del>				
		<del> </del>			<del></del>	<del> </del>
feet for each plug s  Sanded to 3300 and ran 3 sacks Bailed hole to 245, set rock br	cement.	Shot pine	at 251	31. 21.321.	pulled 5	feet to
	ruge Tro	<u> </u>	soo and	ran 32 ya	ros ready	m1 x.
PLUGGING COMPLETE.		·				·
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	<del></del>	·		<del></del>		3-13-80
<del></del>	<del></del>	<del></del>		<del></del>	- STATE COS	ECA-3-13-00
(If additional desc Name of Flugging Contractor KELSO CHA	rintion	is necessa	lrv iise	BACK of t	his sheet	SPATION F.
Name of Flugging Contractor KELSO	CASING	PULLING	,		MAR.	COMMIN
CHA	SE, KANS	AS			GOV.	13
					lVichita	
TATE OF KANSAS	COUNT	Y OF RIC	E .		Wichita,	N Olvio
R. DAI	RRELL KE	LSO	(employ	ee of own	er) on (ov	SONSON operator)
f the above-described well, being he facts, statements, and matters s filed and that the same are true	berein c	ontained a	and the	log of the	nat I have e above-de	knowledge of escribed well
	(Sign	ature)	Cha.	uell!	Tho	
			CHABE.			<u> </u>
SUBSCRIBED AND SWORN TO before	me this	12th	day o		idress) ch	, 1980
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				asgaset		ary Public.
y commission expires	A_ {	ARET MELCHER Statewide	1		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	The second secon
	My Appt.	Statewide . Exp. Feb. 15, 1983	<b>1</b>			

GARL TODD

Solvolcum Engineer

1117 WEST RIVER BOULEVARD
WICHITA, KANSAS 67203

Dec. 7,1976

FEB 28 1980

George Ewonus & Bolyard Oil & Gas, Ltd., Et al.

CUNSERVATION DIVISION Wichita, Kansas

Engelland 1-A
CN 1 NW 1 Sec. 9 T 20 S- R 7W.
Rice County, Kansas

Commenced: 11-29-76

Elev.: 1706 KB

Completed: 12-5-76

1704 DF

Contractor: Red Tiger Drlg. Co.Rig #3

1701 GL

Surface Usg.: 8 5/8" @ 245 W/165 Sx. Production Csg: 42" @ 3341 m/150 Sx.

# GENERAL

Subject well is classed as a development well in the Centennial Pool. Location was in a green wheat field.

Ten (10) foot samples were saved from 2400 to 2910 and five (5) samples from 2910 to 3545 (Rotary Total Depth). Circulating samples were caught through all critical zones.

Drilling time was recorded by Geolograph and plotted from 2400 to 3545 on the enclosed time and sample log.

All depths in this report are wrill ripe Measurements from Kelly Bushing (Elevation 1706) unless otherwise noted wrill pipe and Electric Log measurements checked with one (1) foot on all reliable markers.

### GEOLOGICAL

#### Electric Log Tops

Heebner 2728 (-1022)
Brown Lime 2860 (-1154)
Lansing 2906 (-1200)
Base K.C. 3207 (-1501)

STAMISSION

FEB 2 8 1980 CONSERVATION DIVISION

Wichita, Kansas

2

Mississippian 3280 (-1575)

Kinderhook 3304 (-1598)

Rotary Total Depth 3345 (-1639)

There were no shows of oil or gas in the Lansing-Kansas City porous zones nor in the Marmaton formation.

# \_Mississippian Chert 3280-3504

The top 4-5 feet was black, vitreous, dense pink and yellow che with little or no porosity. The remainder was clean white, viterous to semi-devitrified. with fine vugular porosity and rare evidence of fract Some vugs appeared to be filled with red mud. Gas bubbles were observe in rare places but no odor was observed. This zone was covered by urill Stem Test No. 1.

# Drill Stem Test No. 1 3267-3305 Date 12-4-76

Tool opened at 6 P.M.

Strong blow at the start of each opening and decreasing & end each flow period. Died in 2 minutes after first shut-in and 9 minutes after 2nd shut-in.

> IFP 39/39 FFP 44/48 PSI

BHP 361/730 PSI.

Recovered 90 feet of slightly gas cut thin mud.

# Comments and Recommendations

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Captioned well on the Lansing formation is 7 feet lower than Le No. 1 and 18 feet lower than Engelland No. 1. On the Mississippi porc zone it is only 4 feet lower than Messman-Rinehart Engelland No. 1 in Section 3-20-7W, which is reportedly the best well in the field . Ther structured position is considered favorable.

Electric Log calculations show this zone to have favorable porc Drill Stem Test Data indicates poor permeability and possible formation damage. Lack of apparent connecting porosity between vugs and some of vugs being filled with red mud was of some concern. Establishment of commercial production will depend upon a successful fracture treatment.

It was therefore reccommended that 4½" production casing be set 3341 with 150 sx., the porous zone perforated and fractured with suitab treatment.