

WICHITA BRANCH
KANSAS DRILLERS LOGAPI No. 15 — 153 — 20,275
County Number

Operator

Cities Service Oil Company

Address

700 Sutton Place Bldg., 209 E. William, Wichita, Kansas

Well No.

1

Lease Name

Ryan "A"

Footage Location

1090 feet from (N) line 2310 feet from (E) line

Principal Contractor

Red Tiger Drilling Co.

Geologist

Well Site - M. K. DeBois

Spud Date

3-15-77

Total Depth

4650'

P.B.T.D.

4356

Date Completed

4-13-77

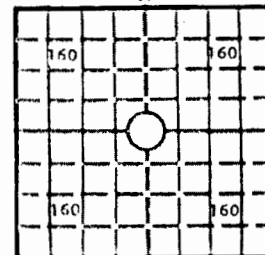
Oil Purchaser

Falco

S. 24 T. 5S R. 32 E
W

Loc. SW/4, NW/4, NE/4

County Rawlins

640 Acres
N

Locate well correctly

Elev.: Gr. 2944

DF 2947 KB 2949

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	277'	Class A	190	2% Cal. Chloride
Production	7-1/4"	5-1/2"	14#	4405'	Class A	200	2% Bentonite 10% Salt
			Stage Cement	2020'	Howco Lite	500	Howco Lite

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4308-4316
TUBING RECORD					
Size	Setting depth	Packer set at			
2"	4305	4305			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
4-13-77	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	75 bbls.	0 MCF	Trace bbls.		CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

24-5-32w

Operator Cities Service Oil Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Ryan "A"	Oil
S 24 T 5S R 32 E W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
See Attached				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature <i>E. W. Peterman</i>
	Region Operations Manager
	Title
	April 29, 1977
	Date

DRILLERS LOG

No. 1 Ryan "A"

CASING RECORD:	COMPANY:	Cities Service Oil Company	DESCRIPTION:
8 5/8" @ 275' w/190 sx cmt.	CONTRACTOR:	Red Tiger Drilling Company	SW/4 NW/4 NE/4 Sec. 24-T5S-R32W Rawlins County, Kansas
5 1/2" @ 4405' w/700 sx cmt.	COMMENCED:	March 14, 1977	
	COMPLETED:	April 1, 1977	
TOTAL DEPTH: 4,650'			ELEVATION: 2,948' KB

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Shale & Sand Shale	0	160	
Shale	160	278	
Shale & Sand Shale	278	650	
Shale	650	1875	
Shale & Sand Shale	1875	2080	
Shale	2080	2260	
Shale, Lime, Red Bed	2260	2405	
Shale	2405	2417	
Blue Anhydrite	2418	2433	
Shale & Red Bed	2433	2631	
Anhydrite	2631	2671	
Shale	2671	2687	
Shale & Lime	2687	2930	
Shale, Sand, Lime	2930	3072	
Lime	3072	3195	
Lime & Shale	3195	3325	
Shale & Lime	3325	3432	
Lime	3432	3515	
Lime & Shale	3515	3610	
Shale & Lime	3610	3695	
Lime	3695	3973	
Shale & Lime	3973	3996	
Lime	3996	4050	
Lime & Shale	4050	4089	
Lime	4089	4105	
Lime & Shale	4105	4125	
Lime	4125	4323	
Lime & Shale (Streaks)	4323	4404	
Lime	4404	4650	
RTD		4650	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY