

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

- 15-035-21942
corrected! 9-32-4E

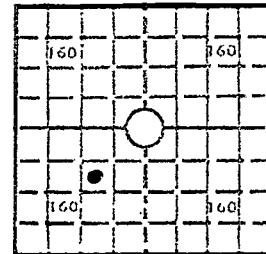
API No. 15 — 035 — 20,942
County Number

S. 9 T. 32S R. 4E

Loc. SW NE SW

County Cowley

640 Acres
N



Locate well correctly
1228

Elev.: Gr.

DF KB

Operator: Ramoil Co.
Address: Box 609 Winfield, Kansas 67156
Well No. #1 Lease Name Richardson
Footage Location 1650 330
feet from (S) (N) line feet from (E) (W) line
Principal Contractor B & N Drilling Geologist F.W. Morgan
Spud Date 6-27-78 Total Depth 2730 P.B.T.D.
Date Completed 7-9-78 Oil Purchaser OKC Corp.

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	8 3/4	7"	S.H.	210'	Common	circulated	
Production	6 1/8	4 1/2"	9.5	2720	Common	102	10% Salt Blend

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			2	3 1/2 Jett	2660-2668
TUBING RECORD			2	3 1/2 Jets	2672-2686
Size	Setting depth	Packer set at			
2" E.U.E.	2650 ft.				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. 7 1/2% Regular Acid	2660-2668; 2676-2686
Fracutre; At max. pressure of 2000 psi, broke back to 1750	
max. injection rate 21 bpm, used 30 balls	2660-2668; 2676-2686

INITIAL PRODUCTION

Date of first production July 31, 1978 Producing method (flowing, pumping, gas lift, etc.) Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil 25 bbls.	Gas 1,500,000 MCF	Water 150 bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) Shut in, Producing interval(s) 2660-2668; 2676-2686

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

Operator Ramoil Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: 9-32-4E
Well No. #1	Lease Name Richardson	gas and oil
S <u>9 T 32R 4E</u>		

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
Top Soil	0	10		
Shale	10	258		
Lime	258	276		
Shale	276	288		
Lime & Shale	288	294		
Lime	294	302		
Sand & Shale	302	310		
Lime	310	319		
Sand & Shale	319	323		
Lime	323	353		
Shale	353	358		
Sand & Shale	358	374		
Shale	374	459		
Sand & Shale	459	589		
Lime	589	592		
Shale	592	608		
Lime	608	612		
Shale & Lime	612	628		
Shale	628	631		
Lime	631	641		
Shale	641	650		
Sand & Lime	650	658		
Shale	658	682		
Lime	682	686		
Shale	686	723		
Lime & Sand	723	738		
Lime	738	741		
Sandy Shale	741	750		
Shale	750	759		
Sandy Shale	759	769		
Lime	769	771		
Shale	771	952		
Lime	952	956		
Shale	956	961		
Lime	961	970		
Shale	970	1006		
Lime	1006	1010		
Shale	1010	1013		
Lime	1013	1016		
Shale & Lime	1016	1024		

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

Date Received	<i>Robert J. Stitt</i> Signature
	<i>Co. Owner</i> Title
	<i>July 31-78</i> Date

WELL LOG

9-32-4E

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Formation Description, Contents, etc.	Top	Bottom
Lime	1024	1026
Shale	1026	1028
Lime	1028	1030
Shale	1030	1046
Lime	1046	1052
Shale	1052	1087
Lime	1087	1093
Shale	1093	1150
Lime	1150	1164
Shale	1164	1166
Lime & Shale	1166	1205
Shale	1205	1273
Sand & Lime	1273	1323
Sand & Shale	1323	1405
Lime	1405	1420
Sand & Shale	1420	1427
Lime	1427	1459
Sandy Shale	1459	1513
Lime	1513	1527
Shale	1527	1532
Lime	1532	1539
Sandy Shale	1539	1564
Lime	1564	1574
Sandy Shale	1574	1605
Lime	1605	1649
Sandy Shale	1649	1651
Lime	1651	1654
Sandy Shale	1654	1708
Lime	1708	1726
Shale	1726	1939
Lime	1939	1985
Shale	1985	2200
Lime	2200	2400
Shale	2400	2456
Sandy Shale	2456	2645
Lime	2645	2651
Sand	2651	2711
Sandy Shale	2711	2720
T.D.		2720