

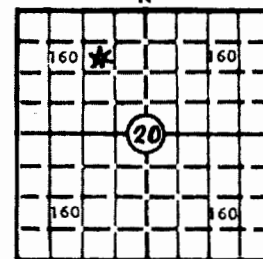
ANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGState Geological Survey
WICHITA BRANCHAPI No. 15 — 007 — 20,193
County NumberOperator
ROBINSON OIL COMPANYAddress
737 R. H. Garvey Building, Wichita, KS 67202Well No. Lease Name
1-20 Hager "A"Footage Location
990 feet from (N) (X) line 1650 feet from (E) (W) linePrincipal Contractor Geologist
Sweetman Drilling, Inc. Raymond R. DombaughSpud Date Date Completed Total Depth P.B.T.D.
5/26/73 6/26/73 4630 4630Directional Deviation Oil and/or Gas Purchaser GAS:
— OIL: Koch Oil Peoples Natural Gas

S. 20 T. 34 R. 9 NE W

Loc. SW NE NW

County Harper

640 Acres
N

Locate well correctly

Elev.: Gr. 1296

DF 1303 KB 1306

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 $\frac{1}{4}$ "	8-5/8"	20#	228	Common	225	2% Gel 3% CC
Production	7-7/8"	4 $\frac{1}{2}$ "	10.5#	4616	Common	175	0% Salt 2 SX Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					Open End
					4616-4630

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4616	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acid - 500 gal. 5% acid followed by 500 gallons 28% acid	4616-4630

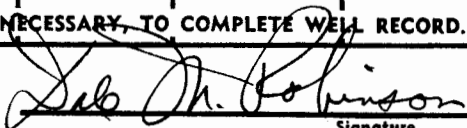
INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
8-30-75		Flowing			
RATE OF PRODUCTION PER 24 HOURS		Oil	Gas	Water	Gas-oil ratio
6.0		bbls.	384	trace	64,000
			MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Sold			4616-4630		

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, 245 No. Water, Wichita, Kansas 67202. 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.

EXHIBIT "A"

C-10-1972

Operator ROBINSON OIL COMPANY		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:																			
Well No. 1-20	Lease Name Hager - A		Gas																		
S <u>20</u> T <u>34</u> R <u>9</u> ^{XX} _W		SW NE NW																			
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px; text-align: center;">NAME</th> <th style="padding: 5px; text-align: center;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Heebner</td> <td style="padding: 5px; text-align: right;">3523</td> </tr> <tr> <td style="padding: 5px;">Iatan</td> <td style="padding: 5px; text-align: right;">3781</td> </tr> <tr> <td style="padding: 5px;">Stalnaker Sd.</td> <td style="padding: 5px; text-align: right;">3583</td> </tr> <tr> <td style="padding: 5px;">Kansas City</td> <td style="padding: 5px; text-align: right;">4115</td> </tr> <tr> <td style="padding: 5px;">Stark Shale</td> <td style="padding: 5px; text-align: right;">4261</td> </tr> <tr> <td style="padding: 5px;">Cherokee Shale</td> <td style="padding: 5px; text-align: right;">4513</td> </tr> <tr> <td style="padding: 5px;">Mississippian</td> <td style="padding: 5px; text-align: right;">4610</td> </tr> <tr> <td style="padding: 5px;">T.D.</td> <td style="padding: 5px; text-align: right;">4630</td> </tr> </tbody> </table>	NAME	DEPTH	Heebner	3523	Iatan	3781	Stalnaker Sd.	3583	Kansas City	4115	Stark Shale	4261	Cherokee Shale	4513	Mississippian	4610	T.D.	4630
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DST #1 Misrun Conditioning mud & hole to rerun test DST #2 17' Anchor & 2 pkrs& jars to 30" SI 60' 0 90" SI 90". Strong blow Rec. 120' GCM Gauged 138 MCF/D FFP 78-78# IBHP 1944#/60" FBHP 1933#/90"	4613	4630																			
Red Bed Red Bed & Shale Shale Lime & Shale Stalnaker Shale & Lime KC Lime Mississippi Lime T.D.	0 250 850 1428 3820 3938 4130 4616	250 850 1428 3820 3938 4130 4630																			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.																					
Date Received	 Signature Owner Title June 29, 1973 Date 																				