

20-1-33W

WELL COMPLETION REPORT AND BRANCH DRILLER'S LOG

S. 20 T. 1 R. 33 ^{NE} _W

Loc. NE SE

County Rawlins

API No. 15 — 153 — 20,361 ✓
County Number

Operator Exeter Exploration Co.

Address P. O. Box 17349 Denver, Colo 80217

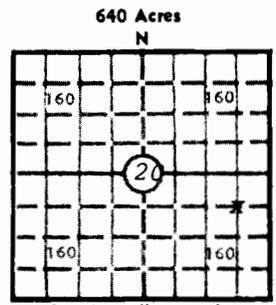
Well No. #9-20 Lease Name Vap

Footage Location 1980' feet from (M) (S) line 660' feet from (E) (W) line

Principal Contractor Murfin Drilling Company Geologist Virgil Balke

Spud Date 11-5-79 Date Completed 1-19-80 Total Depth 4225.0' P.B.T.D. 4211'

Directional Deviation _____ Oil and/or Gas Purchaser Clear Creek



Locate well correctly
Elev.: Gr. 2988'

DF 2992.0' KB 2993.0'

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 Csg.	12-1/4"	8-5/8"	24.0#	212'	60-40 poz	200	3% CaCl
Production Csg.	7-7/8"	4-1/2"	10.5#	4224'	50-50 poz	525	2% Gel, 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP	Depth interval
-	-	-	2	DP	4126-32', Lansing Kansas City "E" Zone

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4144'	-

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
300 Gallons 15% MCA Acid & 1500 Gallons 15% CRA-22 Acid	4126-32' LKC "E" Zone

INITIAL PRODUCTION

Date of first production <u>1-19-80</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil <u>7.05</u> bbls. <u>TSTM</u> MCF	Water <u>0.85</u> bbls. <u>TSTM</u> CFPB	Gas-oil ratio
Disposition of gas (vented, used on lease or sold) <u>TSTM</u>	Producing interval(s) <u>4126-32', LKC "E" Zone</u>		

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.

Operator EXETER EXPLORATION COMPANY		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 9-20	Lease Name VAP	Oil Well
S 20 T 1 S R 33 E X 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
<u>LOG TOPS :</u>				
Anhydrite	:	2830	(+163)	
Base Anhydrite	:	2866	(+123)	
Topeka	:	3688	(-695)	
Oread	:	3798	(-805)	
Heebner	:	3855	(-862)	
Toronto	:	3878	(-885)	
Lansing	:	3938	(-945)	
Base Lansing	:	4220	(-1227)	
<u>DRILL STEM TESTS:</u>				
<u>3927-77' (30-60-30-120) :</u>				
20' MSW. FP 9-18, 18-18				
SIP 161-197, HP 1964-1955				
<u>3987-4027' (30-60-30-120) :</u>				
25' OCM, FP 18-52, 45-52				
SIP 965-1114, HP 1939-1931				
<u>4031-77' (30-60-30-120) :</u>				
15' Mud w/oil specks				
FP 35-44, 44-44, SIP 774-896				
HP 1939-1930				
<u>4113-53' (30-60-60-120) :</u>				
180' Clean Oil, 60' HOCM				
FP 54-90, 90-134, SIP 394-582				
HP 2000-1973				
<u>Logged With Gamma Ray Guard.</u>				

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

Date Received	 Signature Virgil Balke Geologist Title 2-12-80 Date

90-1-3300

WELL LOG

20-1-33W
15-153-2036d

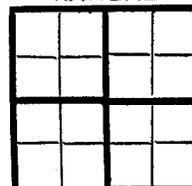
COMPANY Exeter Exploration
 FARM VAP NO. 9-20
 RID. NO. 3

Dup
MAY 21 1980

SEC. 20 T1S R. 33W
 LOC. NE SE

TOTAL DEPTH 4225'
 COMM. 11-5-79 COMP. 11-14-79
 CONTRACTOR Murfin Drilling Company

COUNTY Rawlins
 KANSAS



CASING

20 15 12 13	10 8 6 5	-5/8" csg. set @ 212' w/200 sx. of 60-40 posmix, 3% CC. 4 1/2" csg. set @ 4224' w/525 sx. (375 sx. of Howco Lite + 90 sx. of 50-50 posmix, 18% salt, 3/4% CFR-2+ 60 sx. of Latex.)	ELEVATION PRODUCTION
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155' 212' 1685' 2871' 2890' 3340' 3675' 3815' 4225'	Clay & Sand Shale Sand & Shale ANHYDRITE Shale Shale & Sand Lime & Shale Shale & Lime Lime & Shale	R T D
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RECEIVED
 STATE OIL & GAS COMMISSION
 DEC - 7 1979
 OIL & GAS DIVISION
 (Stamp Legals)