

**KANSAS DRILLERS LOG**

S. 17 T. 24 R. 8W <sup>E</sup>/<sub>W</sub>

API No. 15 — 155 — 20348  
County Number

Loc. C W/2 NE/SE

County Reno

Operator Platte Valley Oil Co., Inc.

Address 214 Hillcrest Center Bldg. Ralston, Nebr.

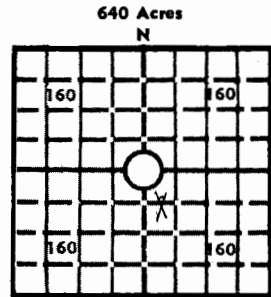
Well No. 1 Lease Name Morton Gas Prospect

Footage Location 1980 feet from (S) line 990 feet from (E) line

Principal Contractor Sterling Drilling Co. Geologist Robert Dougherty

Spud Date 7/5/76 Total Depth 2735 P.B.T.D.

Date Completed 7/12/76 Oil Purchaser Gas " City Service Gas



Elev.: Gr. 1655

CoDF KB 1664

APR 07 1977

**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"	8 5/8	25.5	205	60/40 Poz	180	3% cc
Production	7 7/8	4 1/2	10.5	2734	60/40 Poz	100	12 sk salt

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
G.L	2734	100	2	D.P. Jets	2606-12 2620-26 2632-38

**TUBING RECORD**

Size	Setting depth	Packer set at
2 3/8	2606	

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
4500 Gals Reg Acid	2606-12
And 32 Rubber balls	2620-26
	2632-38

**INITIAL PRODUCTION**

Date of first production <u>9/24-66</u>	Producing method (flowing, pumping, gas lift, etc.) <u>13/64 CHK.</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>0</u> bbls. Gas <u>570</u> MCF Water <u>0</u> bbls. Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold)	Producing interval (s) <u>2606-12 2620-26 2632-38</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, 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.

Operator  
Platte Valley Oil Co., Inc. DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Morton Gas

S \_\_\_ T \_\_\_ R \_\_\_ 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
Drill Stem Test # 1 Severy Sand	2554	2580	Herrington	1346 +318
Tool open! Initial 20 min.+Final 60 min. Strong blow with gas to surface in 3 min. gauged as follows:			Winfield	1400 +264
IFP 10" 472MCF, 20" 499MCF			Towanda	1470 +194
FFP 10" 195MCF, 20" 220MCF, 30" 263MCF			Ft. Riley	1511 +153
40" 301MCF, 50" 319MCF, 60" 319MCF			Council Grove	1685 -21
Recovered: 900ft of Formation water			Neva	1885 -221
RW = .042 @ 96°F. ISIP 810#/30 min.			Red Eagle	1953 -289
FSIP 766#/30 min. HP 1424# IFP 167-256#			Admire	2062 -398
FFP 223-412#, BHT N/A.			Wabaunsee	2149 -485
Drill Stem Test # 2 Topeka (5-40)	2605	2640	Tarkio	2279 -615
Tool open! Initial 10 min.+Final 15 min. =25 min. Strong blow with gas to surface in one (1) min. gauged as follows:			Elmont	2337 -673
IFP 10 min. =2.319 MMCF, FFP 10 min =3.215 MMCF			Bern	2410 -746
15 min. = 3.215MMCF. Recovered 20 ft of mud			Howard	2493 -829
ISIP 876#/30 min. FSIP 876#/30 min. HP 1449#			Severy	2553 -889
IFP 468-479# FFP 491-513# BHT N/A			Topeka	2600 -936
Drill Stem Test # 3 Red Eagle(Straddle Test @ 2735 ft)	1964	1976	Total depth	2735 -1071
Tool open! Initial 30 min +Final 60 min = 90 min.			Logs run by WELEK	
Good blow with gas to surface in 43 min., gauged as follows			Radiation-	
IFP no gas, FFP 50 min. = 6.93 MCF			Guard, compensated Densit	
60 min = 10.9 MCF. Recovered 1180 ft of formation			Caliper, Neutron-Density	
Water RW = ISIP 777#/45 min. FSIP 777#/45 min.			(Linear Scale Overlay)	
HP 1107# IFP 102-390# FFP 412-590# BHT N/A				

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

Date Received	 Signature
	Pres. Title
	9/7/76 Date