

Operator VINCENT OIL CORPORATION DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1 Lease Name Ketner Gas Well

S 7 T 31 S R 15 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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface hole	0	170	Herrington	2181 (- 335)
Sand & Shale	170	660	Council Grove	2553 (- 707)
Sand & Shale	660	811	Onaga	2971 (-1125)
Surface hole	811	1020	Wabaunsee	3011 (-1165)
Shale	1020	2203	Stotler	3156 (-1310)
Shale & Lime	2203	2630	Howard	3357 (-1511)
Shale	2630	2910	Heebner	3840 (-1994)
Shale & Lime	2910	4580	Brown Lime	4022 (-2176)
Lime	4580	4599	Lansing-K.C.	4033 (-2187)
Mississippian	4599	4650	Marmaton	4456 (-2610)
RTD	4650		Cherokee	4540 (-2594)
			Mississippil	4560 (-2714)
			Kinderhook Sh	4636 (-2790)
			RTD	4650 (-2804)
			Log T.D.	4650 (-2804)

Drill Stem Test #1 - 4523-4545 ft. Open 30 min., shut in 30 min., open 30 min., shut in 30 min. Recovered 4 ft. mud.
 IFP 64-53#, ISIP 53#
 FFP 64-53#, FSIP 53#

Drill Stem Test #2 - 4536-4580 ft. 60-60-60-60 min. Gas to surface in 33 min.
 1st opening - 1/4" choke:
 9,700 CF in 35 min.
 11,000 CF in 45 min.
 12,800 CF in 55 min.
 12,800 CF in 60 min.
 2nd opening: 1/2" choke
 27,000 CF in 10 min.
 27,000 CF in 20 min.
 33,000 CF in 30 min.
 38,000 CF in 40 min.
 47,700 CF in 50 min. - 1/2" choke
 47,700 CF in 60 min. - 1/2" choke
 Recovered 223 ft. gas cut mud. IFP 118-107#, IBHP 891#,
 FFP 96-107#, FBHP 891#

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

Date Received

Richard A. Hiebsch
 Signature Richard A. Hiebsch
 Vice President
 Title
 November 15, 1979
 Date

7-31-15w

Additional Page -

#1 Ketner - Continued

Drill Stem Test #3 - 4582-4599 ft. 60-60-60-60 min. Strong blow.
Recovered 90 ft. mud.
IFP 53-43#, IBHP 814#
FFP 64-53#, FBHP 857#

7-31-15W

JK

DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

OPERATOR: Vincent Oil Corporation
230 O. W. Garvey Building
Wichita, Kansas 67202

LEASE: Ketner No. 1
C N/2 NW Sec. 7-31S-15W
Barber County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: 7/14/79

COMPLETED: 7/25/79

RTD: 4650

SURFACE CASING: 8-5/8" set at 1017' with 600 sx cement

PRODUCTION CASING: 4-1/2" set at 4649' with 100 sx cement

0' to 170' Surface Hole
 170' to 660' Sand & Shale
 660' to 811' Sand & Shale
 811' to 1020' 12 1/4" Surface Hole
 1020' to 2203' Shale
 2203' to 2630' Shale & Lime
 2630' to 2910' Shale
 2910' to 4580' Shale & Lime
 4580' to 4599' Lime
 4599' to 4650' Mississippian
 RTD 4650'

STATE OF KANSAS
 COUNTY OF SEDGWICK

I, James C. Remsberg, of the Slawson Drilling Company, Inc., hereby state the above is an accurate copy of the Ketner No. 1 log for Vincent Oil Corporation.

James C. Remsberg
 James C. Remsberg