

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5242  
name Petroleum Management, Inc.  
address 400 N. Woodlawn, Suite 201  
City/State/Zip Wichita, Ks. 67208

Operator Contact Person Dale Silcott  
Phone 316-686-7287

Contractor: license # 5302  
name Red Tiger Drilling Company

Nellsite Geologist R. Gregory Williams  
Phone 316-686-7287

PURCHASER

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

if OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
6-23-84 6-30-84 7-1-84  
Spud Date Date Reached TD Completion Date

388.9'  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 378 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

if alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

API NO. 15-065-22,001-00-00  
County Graham  
NE/4 NE/4 SE/4 Sec 16 Twp 6S Rge 21 West

2310 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

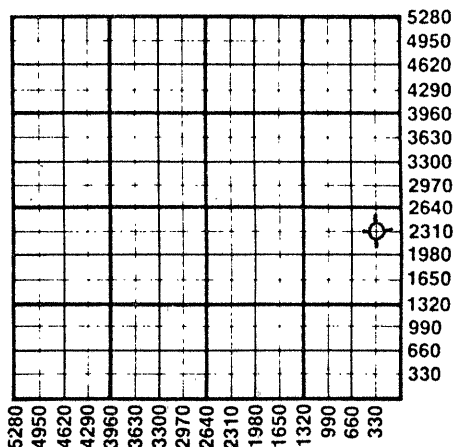
Lease Name Voss "B" Well# 1

Field Name

Producing Formation

Elevation: Ground 2274' KB 2279'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge East West  
 Other (explain)  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

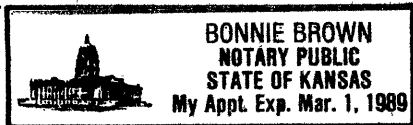
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Dale Silcott  
Title Vice President Date 7/25/84

Subscribed and sworn to before me this 25th day of July 1984

Notary Public Bonnie Brown  
Date Commission Expires



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-84)

8-22-86  
AUG 22 1986

Sec. 16 Twp. 6 S. Rge. 21 W.

**SIDE TWO**

Operator Name Petroleum Management, Inc. Lease Name Voss "B" Well# 1 SEC 16 TWP 6S RGE 21  East  West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

**Formation Description**  
 Log  Sample

**DST #1** 3488-3532'  
 Open 45 min w/weak blow that died in 15 min. Closed 45 min. Open 45 min w/no blow. Closed 45 min.  
 Recovered 10' of drilling mud w/few spots of oil.  
 IFP 55-55 psi FFP 55-55  
 ISIP 1135 FSIP 1066

**DST #2** 3596-3634'  
 Open 15 min w/weak blow that died in 5 min. Closed 45 min. Open 15 min w/no blow. Closed 45 min.  
 Recovered 10' of drilling mud.  
 IFP 55-55 psi FFP 55-55  
 ISIP 1043 FSIP 901

**DST #3** 3636-3727'  
 Open 30 min w/weak blow to bottom of bucket in 13 min. Closed 45 min. Open 30 min w/weak blow to 5" in bucket. Closed 45 min. Recovered 490' of watery mud.  
 IFP 62-67 psi FFP 68-71  
 ISIP 1043 FSIP 953

Name	Top	Bottom
Base Ft. Hays	502'	
Anhydrite	1924'	
Base Anhydrite	1956'	
Topeka	3297'	
Oread	3454'	
Heebner	3496'	
Toronto	3521'	
Lansing	3539'	
Base Kansas City	3728'	
Arbuckle	3829'	
Granite	3871'	
RTD	3889'	

CASING RECORD <input type="checkbox"/> new <input checked="" type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
surface	12 1/4"	8 5/8"		378'	60/40 poz	300	2% gel/3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**

Dually Completed  
 Commingled