

to  
County to  
#1

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 # 9740  
Name Petro Locators, Inc.  
Address P.O. Box 77  
City/State/Zip Pratt, KS 67124

Purchaser Inland Crude

Operator Contact Person Clarence Michael  
Phone 316-672-3040

Contractor: License # 5929  
Name Duke Drilling Co., Inc.

Wellsite Geologist Scott Alberg  
Phone 316.672.5729

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
1-07-87 1-15-87 1/24/87  
Spud Date Date Reached TD Completion Date  
4255' 4200  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 412 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  
Cement Company Name Allied  
Invoice #

API No. 15-185-22,405-0000  
County Stafford  
450' N of C- NW Sec 11 Twp 24 Rge 14 East  
West

4410 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

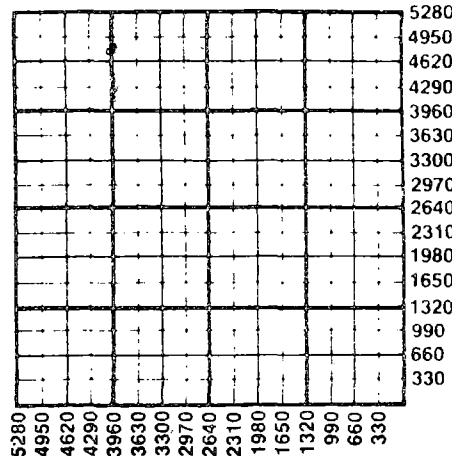
Lease Name Bookstore Well # 1-11

Field Name Rattlesnake West North

Producing Formation Mississippi

Elevation: Ground 1956 KB 1961

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater 4410 Ft North from Southeast Corner  
(Well) 3960 Ft West from Southeast Corner of  
Sec 11 Twp 24 Rge 14 East West

Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Clarence Michael  
Title Vice President Date 3/24/87

Subscribed and sworn to before me this 4th day of April 1987  
Notary Public Lavaun M. Turnquist  
Date Commission Expires 1-25-89

Lavaun M. Turnquist  
NOTARY PUBLIC  
State of Kansas  
My Appt. Expires January 25, 1989

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 (5-86)

4-8-87

APR 8 1987

Sec. 11 Twp 24 Rge 14 E

Operator Name Petro Locators, Inc. Lease Name Bookstore Well # 1-11

Sec. 11 Twp. 24 Rge. 14  East  West County Stafford

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 3978 4025 45-60-45-90  
 Rec. 119ft mud vsoc  
 IF 66/66 FF 99/99 ISIP 176 FSIP 385  
 Temp. 110  
 DST # 2 4038-4062 30-60-30-120  
 Rec. 80ft mud  
 IF 44/33 FF 55/55  
 FSIP 1037 FSIP 1102 Temp. 111

Name	Top	Bottom
Heebner	3488	
Br. Lime	3625	
L/KC	3906	
Congolmert	4014	
Mississippi	4037	
Viola	4068	
Simp. Shy	4149	
Arbuckle	4206	
RTD	4255	

CASING RECORD <input checked="" 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"	20#	412'	60/40poz	215	2% gel. 3% cc.
Production	7-7/8"	5 1/2"	14#	4254'	EA2	100	18% salt. 75% CFR2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2 SPF	4013-4029			1500 gal. 15% FE. Acid			
2 SPF	4036-4050			Frac. W/45,000# sand			
				54,000 gal. cross. link. gel.			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer at					
2 7/8	3950						
Date of First Production		Producing Method					
2/1/87		<input type="checkbox"/> Flowing <input checked="" 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		
15 BW Bbls		75 BO		43 PPM	38		
			MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Dually Completed  
 Sold  Other (Specify) ..... 4013-4050  
 Used on Lease  Commingled

DRILLER'S WELL LOG

DATE COMMENCED: Janaury 7, 1987  
DATE COMPLETED: January 15, 1987

Petro Locators, Inc.  
BOOKSTORE #1-11  
4507 N. 106E CONW  
Sec. 11, T24S, R14W  
Stafford County, Ks.

ELEVATION: 1961 K.B.

0 - 864' Surface soil, Shale, Red Bed  
864 - 892' Anhydrite  
892 - 3170' Lime & Shale  
3170 - 3488' Lime  
3488 - 3528' Shale & Lime  
3528 - 3626' Shale  
3626 - 3649' Lime & Shale  
3649 - 3909' Lime  
3909 - 4035' Shale, Lime, Chert, Sand  
4035 - 4072' Chert & Lime  
4072 - 4149' Chert  
4149 - 4205' Shale & Sand  
4205 - 4255' Dolomite  
4255' RTD

FORMATION DATA

Anhydrite 864'  
Topeka 3170'  
Heebner 3488'  
Toronto 3509'  
Douglas 3528'  
Br. Lime 3626'  
Kansas City 3649'  
Base K.C. 3909'  
Conglomerate 4014'  
Mississippi 4035'  
Viola 4072'  
Simpson 4149'  
Arbuckle 4205'  
RTD 4255'

Surface Pipe: Set new 8-5/8",  
20# pipe @ 412' w/215 sacks  
or 60/40 pozmix 2% gel 3% cc.

Production Pipe: Set used  
5 1/2", 14# @ 4254' w/100 sacks  
EA2 w/18% salt & .75% CFR2  
& 300 gals. Super Flush.

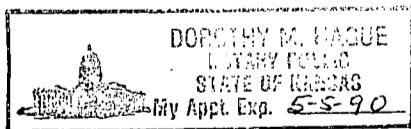
A F F I D A V I T

STATE OF KANSAS  
COUNTY OF BARTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and  
statements herein are true and correct to the best of his knowledge.

*Leonard Williamson*

Subscribed and sworn to before me this 19 day of January 1987.



*Dorothy M. Hague*  
Notary Public

APR 8 1987