

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, Kansas 67124

Purchaser

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

1-16-87... 1-23-87... D&A 2/5/87
Spud Date Date Reached TD Completion Date
4200 3800
Total Depth PBTD

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
Cement Company Name Allied
Invoice # 48136

API NO. 15-185-22,410-0000
County Stafford
170' NE of NE NW 12 Twp 24 Rge 14 East West

4820 Ft North from Southeast Corner of Section
3140 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

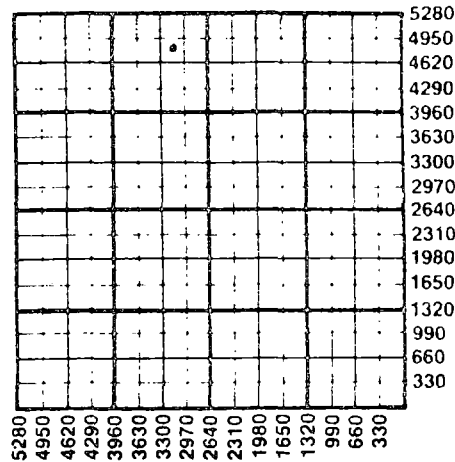
Lease Name Bookstore Well # 1-12

Field Name

Producing Formation IKC attempt

Elevation: Ground 1916 KB 1921

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 4820 Ft North from Southeast Corner
(Well) 3140 Ft West from Southeast Corner of
Sec 12 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. #)

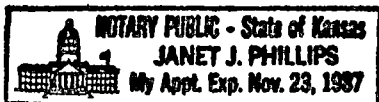
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 6/10/87

Subscribed and sworn to before me this 10th day of June 1987.
Notary Public Janet J. Phillips

Date Commission Expires November 23, 1987



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)

RECEIVED
JUN 11 1987
6-11-87
CONSERVATION DIVISION
Wichita, Kansas

Sec. 12, Twp. 24 Rge. 14

Operator Name Petro Locators, Inc. Lease Name Bookstore Well # 1-12

Sec. 12 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
 3973-4024 30-60-30-120
 Recovery 70' Of watery mud
 IF 70/70 FF 81/81 ISIP 110 FSIP 110

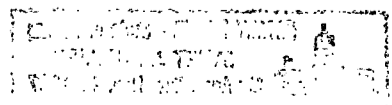
Name	Top	Bottom
Heebner	3432	
Br Lime	3568	
LKC	3593	
BKC	3845	
Mississippi	3984	
Viola	4012	
Simpson shy	4096	
Simpson sd	4110	
Arbuckle	4152	
RTD	4200	

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#	378'	60/40poz	215	2% gel. 3% cc.
Production	7-7/8"	4 1/2"	10#	3828'	ASC	75	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
3shots ft	3715-3718			3500 gal. 15% FE			3715-18
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
D&A		<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
2 Bbls			MCF	200 Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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



DRILLER'S WELL LOG

DATE COMMENCED: January 16, 1987
DATE COMPLETED: January 23, 1987

Petro Locators, Inc.
BOOKSTORE #1-12
170' NE of NE NW
Sec. 12, T24S, R14W
Stafford County, Ks.

ELEVATION: 1921 K.B.

0 - 815' Surface Soil, Red Bed, Shale
815 - 835' Anhydrite
835 - 3029' Lime & Shale
3029 - 3432' Lime
3432 - 3476' Shale & Lime
3476 - 3568' Shale
3568 - 3593' Lime & Shale
3593 - 3845' Lime
3845 - 3972' Shale & Lime
3972 - 4012' Chert & Lime
4012 - 4096' Chert
4096 - 4152' Sand
4152 - 4200' Dolomite
4200' RTD

FORMATION DATA

Anhydrite	815'
Howard	3029'
Topeka	3114'
Heebner	3432'
Toronto	3453'
Douglas	3476'
Br. lime	3568'
Kansas City	3593'
Base K.C.	3845'
Mississippi	3972'
Viola	4012'
Simpson	4096'
Arbuckle	4152'
RTD	4200'

Surface Pipe: Set new
8-5/8", 20# pipe @378'
w/215 sacks 60/40 pozmix
2% gel 3% cc.

Production Pipe: Set used
4 1/2", 10# @3828' w/75 sacks
ASC w/10 bbls. mud flush
ahead.

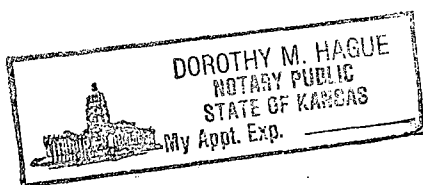
A F F I D A V I T

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 27 day of January 1987.



Dorothy M Hague
Notary Public

RECEIVED
STATE CORPORATION COMMISSION

JUN 11 1987

CONSERVATION DIVISION
Wichita, Kansas