

S SIDE ONE

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 North Woodlawn, Suite 201  
City/State/Zip Wichita, Kansas 67208

Purchaser.....

Operator Contact Person Dale Silcott  
Phone 316-686-7287

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist R. Gregory Williams  
Phone 686-7287

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

11/12/85	11/20/85	11/21/85
Spud Date	Date Reached TD	Completion Date
3,745'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 361 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. 15-065-22,260-00-00

County Graham  
NW/4 NW/4 SW/4 10 6S 21W  East  
Sec.....Twp.....Rge..... West

2310 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

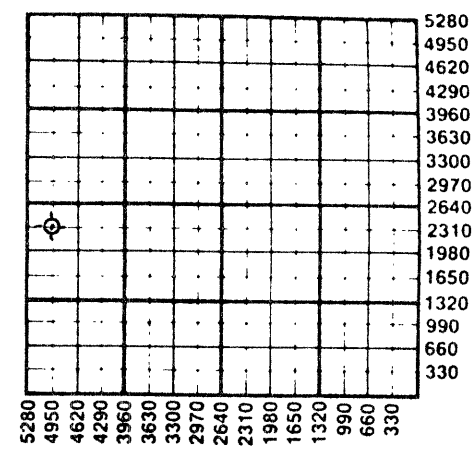
Lease Name Patterson "B" Well # 1

Field Name.....

Producing Formation.....

Elevation: Ground 2161' KB 2166'

Section Plat



REC'D  
11-27-85

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 # T 85-955

- Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West
- Surface Water 3300 Ft North from Southeast Corner (Stream) pond etc. 4290 Ft West from Southeast Corner Sec 10 Twp 6S Rge 21  East  West  
Bow Creek
- Other (explain).....  
(purchased from city, R.W.D. #)

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. Rule 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 Pres Date 11-26-85

Subscribed and sworn to before me this 26th day of November 1985.  
Notary Public Bonnie Brown

Date Commission Expires.....  
BONNIE BROWN  
NOTARY PUBLIC  
STATE OF KANSAS

K.C.C. OFFICE USE ONLY

- Letter of Confidentiality Attached
- Wireline Log Received
- Drillers Timelog Received

Distribution

- KCC  SWD/Rep  NGPA
- KGS  Plug  Other (Specify)

Sec 10 Twp 6 S Rge 21 W

Operator Name Petroleum Management, Inc. Lease Name Patterson "B" Well # 1

Sec. 10 Twp. 6S Rge. 21W  East  West County Graham

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. (Will forward when received)

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

Formation Description  
 Log  Sample

(See Attached Sheet)

Name CONFIDENTIAL Top Bottom

DST #1 3369' - 3436'  
Open 45 min w/weak blow that died in 25 min. Closed 45 min. Open 45 min w/no blow; flushed tool. Closed 30 min. Recovered 20' of drilling mud w/oil spots on top.  
IFP 57-57 psi FFP 59-59  
ISIP 1182 FSIP 1069

Stone Corral 1812'  
Base Stone Corral 1842'  
Wabaunsee 2912'  
Tarkio Lime 3074'  
Topeka 3175'  
Oread 3335'  
Heebner 3378'  
Toronto 3402'  
Lansing 3421'  
Kansas City 3478'  
Base K.C. 3606'  
Marmaton 3633'  
RTD 3745'

RELEASED  
3-17-87  
MAR 17 1987

DST #2 3438' - 3462'  
Open 45 min w/fair blow. Closed 45 min. Open 45 min w/weak to fair blow. Recovered 335' of muddy water.  
IFP 34-89 psi FFP 111-171  
ISIP 1202 FSIP 1202

New <input type="checkbox"/> Used <input type="checkbox"/>		FROM CONFIDENTIAL		
face, intermediate, production, etc.				
Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives	
367'	60/40 Poz	250	2% Gel 3% CC	
Acid, Fracture, Shot, Cement Squeeze Record				
rated	(Amount and Kind of Material Used)			Depth
.....	.....			.....
.....	.....			.....
.....	.....			.....
.....	.....			.....

DST #3 3476' - 3509'  
Open 30 min, blow died in 30 min. Closed 30 min. Open 15 min, after flushing tool, blow died. Closed 30 min. Recovered 5' drilling mud w/oil specks.  
IFP 27-27 psi FFP 29-29  
ISIP 38 FSIP 38

DST #4 3558' - 3592'  
Open 30 min w/weak blow that died in 24 min. Closed 30 min. Open 15 min; flushed tool. Closed 30 min. Recovered 10' of drilling mud w/oil specks.  
IFP 27-27 psi FFP 29-29  
ISIP 688 FSIP 814

TUBING RECORD	Size	Set At	Packer at	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	

METHOD OF COMPLETION Production Interval

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

Operator Name Petroleum Management, Inc. Lease Name Patterson "B" Well # 1

County Graham

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is penetrated. Detail all cores. Report all drill stem closed, flowing and shut-in pressures, whether shut-in bottom hole temperature, fluid recovery, and flow rates are space is needed. Attach copy of log. (Will forward when received)

Formation Description

Log  Sample

Name CONFIDENTIAL Top Bottom

Stone Corral	1812'
Base Stone Corral	1842'
Wabaunsee	2912'
Tarkio Lime	3074'
Topeka	3175'
Oread	3335'
Heebner	3378'
Toronto	3402'
Lansing	3421'
Kansas City	3478'
Base K.C.	3606'
Marmaton	3633'
RTD	3745'

RELEASED  
3-17-87  
MAR 17 1987

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc.							
FROM CONFIDENTIAL							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Percent Additives
Surface	12 1/4"	8 5/8"	20#	367'	60/40 Poz	250	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			

METHOD OF COMPLETION

Production Interval

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