

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 # 4959  
Name ZPC Petroleum, Inc.  
Address 9319 East Harry, Suite 122  
City/State/Zip Wichita, Kansas 67207

Purchaser Koch Oil Company

Operator Contact Person Patrick J. Deenihan  
Phone (316)-683-8838

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Patrick J. Deenihan  
Phone (316)-683-8838

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

4/11/87 4/19/87 5/21/87  
Spud Date Date Reached TD Completion Date  
4,000' 3947'  
Total Depth PBTB

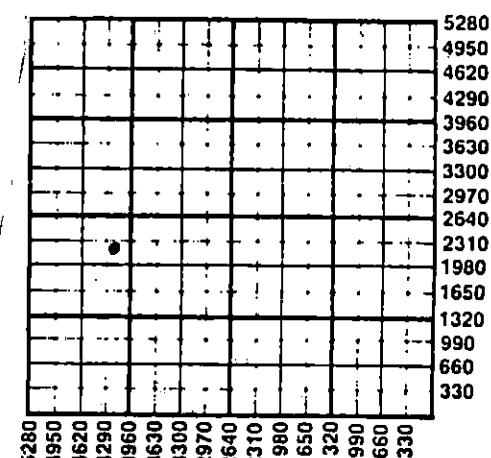
Amount of Surface Pipe Set and Cemented at 240.69 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 250 feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-185-22,422-6000  
County Stafford  
100' E & 50' S of  
NE/4 NW/4 SW/4 Sec. 13 Twp. 23S Rge. 14W  East  West

2260 Ft North from Southeast Corner of Section  
4190 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name McCandless Well # 1-13  
Field Name Wildcat East  
Producing Formation Lansing

Elevation: Ground 1929 KB 1934  
Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  
Docket # Supplied by contractor  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 87-138

Groundwater 2300 Ft North from Southeast Corner  
(Well) 4150 Ft West from Southeast Corner of  
Sec 13 Twp 23S 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 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 Patrick J. Deenihan  
Title Vice/President Date 6/12/87

Subscribed and sworn to before me this 12th day of June 1987  
Notary Public Vickie Warburton  
Date Commission Expires 10/14/87



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 RECEIVED  SWD/Rep  NGPA  
STATE CORPORATION COMMISSION  DRILLING  Other  
JUL 23 1987 7-23-87 (Spec'fy)

Sec. 13, Twp. 23, Rge. 14 W

SIDE TWO

Operator Name ZPC Petroleum, Inc. Lease Name McCandless Well # 1-13

Sec. 13 Twp. 23S Rge. 14W  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 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

Name	Top	Bottom
Anhydrite	834	
Base/Anhydrite	855	
Heebner	3383	
Brown Lime	3519	
BKC	3780	
Conglomerate	3875	
Viola	3906	
Simpson Shale	3943	
Arbuckle	3990	

CASING RECORD <input checked="" type="checkbox"/> New <input 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	247'	60/40 Poz	190	3% CC, 2% Gel
Production	7 7/8"	4 1/2"	11.5	3,998'	Surefill	185	40 Bbl. Salt Flush, 500 Gal. BJ Mud Sweep
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3658-63 (5)			500gal MCA; 3000gal gel acid		3658'	
4	3697-99 (2)			250gal MCA; Bridge Plug at		3697'	
				3683'			
TUBING RECORD							
Size 2 3/8"		Set At 3600'		Packer at 3566'		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production		Producing Method					
5/21/87		<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 Bbls	0 MCF	30 Bbls			32.5°	

METHOD OF COMPLETION

Production Interval

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

3658-63

Operator Name ZPC Petroleum, Inc. Lease Name McCandless Well # 1-13

Sec. 13 Twp. 23S Rge. 14W  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 pool 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

D.S.T. #1 Lansing (H) (3645-3663) 1470' of Gas in Pipe, 60' of Gassy Muddy Oil, 60' of Very Heavy Gassy Oil Mud, 30' of Gassy Oil Cut Mud. ISIP: 1229# /FSIP: 1238# IFP: 58#/68#, FFP: 78#/97#.

Name	Top	Bottom
Anhydrite	834	
Base/Anhydrite	855	
Heebner	3383	
Brown Lime	3519	
BKC	3780	
Conglomerate	3875	
Viola	3906	
Simpson Shale	3943	
Arbuckle	3990	

CASING RECORD  New  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#	247'	60/40 Poz	190	3% CC, 2% Gel
Production	7 7/8"	4 1/2"	11.5#	3,998'	Surefill	185	40 Bbl. Salt Flush, 500 Gal. BJ Mud Sweet

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3658-63 (5)	500gal MCA; 3000gal gel acid	3658'
4	3697-99 (2)	250gal MCA; Bridge Plug at	3697'
		3683'	

TUBING RECORD Size 2 3/8" Set At 3600' Packer at 3666' Liner Run  Yes  No

Date of First Production 5/21/87 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	15	0	30		32.5°

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 3658-63  
 Used on Lease  Dually Completed  Coningled

