

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

Purchaser Koch Oil Company
Wichita, KS

Operator Contact Person R. Gregory Williams
Phone 316-686-7287

Contractor: License # 5302
Name Red Tiger Drilling Company

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

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

10/12/87 10/19/87 11/20/87
Spud Date Date Reached TD Completion Date
3,801' 3,743'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 210.35 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1,918' feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt

API NO. 15-065-22,411

County Graham
190' East of NW/4 NE/4 NE/4 Sec. 15 Twp. 6S Rge. 21W East West

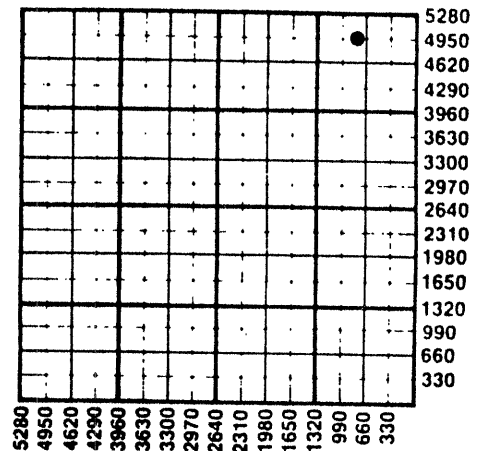
4950 Ft North from Southeast Corner of Section
800 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Eva Desbien Well # 4
Field Name Pioneer

Producing Formation Lansing-Kansas City

Elevation: Ground 2265' KB 2270'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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

Source of Water:
Division of Water Resources Permit #
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 3700 Ft North from Southeast Corner (Stream, pond etc) 3900 Ft West from Southeast Corner Sec 9 Twp 6S Rge 21 East West Roy Voss, Densmore, KS 67633
 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 R. Gregory Williams
Title Geologist Date 1/13/88

Subscribed and sworn to before me this 13th day of January 1988
Notary Public Rebecca Wold

Date Commission REBECCA WOLD
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12-21-91

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

Sec. 15 Twp. 6 S Rge. 21 W

SIDE TWO

Operator Name Petroleum Management, Inc. Lease Name Eva Desbien Well # 4

Sec. 15 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.

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

DST #1 3505'-3530'
 Open 45 min with strong blow. Closed 45 min.
 Open 45 min with strong blow. Closed 45 min.
 Recovered 1 foot free oil and 510' water.
 IFP 52-189 psi FFP 206-267
 ISIP 1100 FSIP 1037

DST #2 3573'-3595'
 Open 30 min with strong blow. Closed 45 min
 with fair blow. Open 30 min with strong blow.
 Closed 45 min with fair blow. Recovered 310'
 gas, 312' clean oil, 124' watery oil cut mud,
 82' muddy water.
 IFP 59-161 psi FFP 181-221
 ISIP 961 FSIP 953

DST #3 3647'-3680'
 Open in 30 min with weak blow that died in 20
 min. Closed 30 min. Open 15 min, flushed
 tool, blow died in 5 min. Closed 30 min.
 Recovered 30' drilling mud with oil spots.
 IFP 51-52 psi FFP 55-66
 ISIP 507 FSIP 613

DST #4 3697'-3745'
 Open 45 min with weak blow. Closed 45 min.
 Open 45 min with weak blow. Closed 45 min.
 Recovered 90' of slightly oil-cut-mud with 3'
 clean oil on top.

Formation Description
 Log Sample

Name	Top	Bottom
Base Anhydrite	1936'	
Topeka	3272'	
Oread	3426'	
Heebner	3473'	
Toronto	3497'	
Lansing	3513'	
Base Kansas City	3699'	
Marmaton	3719'	
Precambrian	3755'	

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#	218'	60/40 Poz	150	2% Gel 3%CC
Production	7 7/8"	4 1/2"	10 5#	3,800'	60/40 Poz Lite	150 400	10% Salt, 2% Gel
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/ft	3652-3666			315 gal MCA, 1500 gal NON-E			
2/ft	3584-3597			NATURAL			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size		Set At		Packer at			
2 3/8"		3724'					
Date of First Production		Producing Method					
11/24/87		<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	
70				0			
		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