

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: Koch Oil Company
Wichita, KS

Operator Contact Person Dale Silcott
Phone 686-7287

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Bill Petersen
Phone 721-3359

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

5/18/87 5/26/87 6/17/87
Spud Date Date Reached TD Completion Date
3,785' 3,768'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 379 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1882' feet
If alternate 2 completion, cement circulated from 1882' feet depth to 0' w/ 365 SX cmt

API NO. 15-065-22374
County Graham
SE/4 SW/4 SE/4 11 6S 21W
Sec Twp Rge East West

330 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

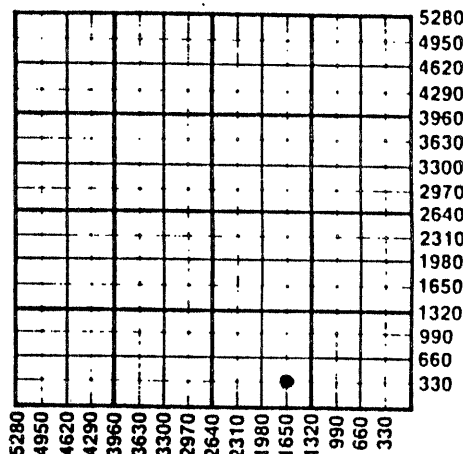
Lease Name Holmquist-Lagerberg Well # 3

Field Name Unnamed Wildcat

Producing Formation Arbuckle

Elevation: Ground 2220' KB 2235'

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 3300 Ft North from Southeast Corner (Stream, pond etc) 3300 Ft West from Southeast Corner Sec 9 Twp 6S Rge 21 East West
Roy L. Voss, Densmore, Ks. 67333
 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.

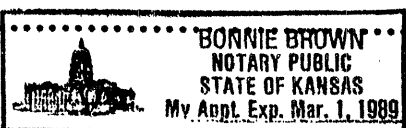
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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 9/14/87

Subscribed and sworn to before me this 14th day of September 1987
Notary Public Bonnie Brown

Date Commission Expires



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

RECEIVED
OCT 5 1987

CONSERVATION DIVISION
Wichita, Kansas

10-5-87 NP 118710

Operator Name Petroleum Management, Inc. Lease Name Holmquist-Lagerberg Well # 3

Sec. 11 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

Formation Description
 Log Sample

DST #1 3388-3408'
 Tool open 45 min, shut in 45 min, open 45 min, shut in 45 min. First open period-fair blow, second open period-fair blow. Recovered 125 ft. of water.
 IFP 35 - 58 FFP 70 - 81
 ISIP 928 FSIP 870

DST #2 3610-3656'
 Tool open 30 min, shut in 30 min, open 15 min, shut in 30 min. First open period-weak blow that died in 5 min. Second open period-no blow. Rec. 5' of drilling mud.
 IFP 46 - 46 FFP 46 - 46
 ISIP 58 FSIP 46

DST #3 3664-3718'
 Tool open 30 min, shut in 30 min, open 30 min, shut in 30 min. First open period-weak blow that died in 18 min. Second open period-no blow. Rec. 10' slightly oil cut mud, free oil in top of tool.
 IFP 46 - 46 FFP 46 - 46
 ISIP 93 FSIP 93

DST #4 3719-3731'
 Tool open one hr, shut in 45 min, open one hr., shut in 45 min. First open period-very weak blow that increased to a depth of 1 1/2 inch at end of period, second open period-very weak blow that increased to a depth of 2 inches at end of period. Rec. 60' of gas and 60' of muddy oil, 65% oil, 35% mud.
 IFP 35 - 46 FFP 46 - 58
 ISIP 1054 FSIP 1009

Name	Top	Bottom
Base Fort Hays	436	
Fairport	619	
Dakota	896	
Permlan	1590	
Stone Corral	1865	
Base Stone Corral	1895	
Fort Riley	2444	
Wreford	2564	
Neva	2774	
Red Eagle	2840	
Farker	2878	
Wabaunsee	2967	
Tarkio	3130	
Topeka	3237	
Deer Creek	3293	
Lecompton	3360	
Oread	3397	
Heebner	3443	
Toronto	3467	
Lansing	3486	
Kansas City	3545	
Base Kansas City	3670	
Marmaton	3695	
Arbuckle	3708	
Total Depth	3786	

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 Production	12 1/4"	8 5/8"	20#	386'	60/40 Poz	220	2% Gel 3%CC
	7 7/8"	4 1/2"	10.5#	3,784'	50/50 Poz	100	2% Gel 10% Salt,
3 3/4" CRF-2; 365 sx H. L.C. w/1 1/2" Gilsontite & 1 1/4" Floseal per sack							

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	3718-28'	250 gal 7 1/2% MCA	3718-28'
		750 gal 15% double strength FE	
	3718-36'	1500 gal 15% FE	
		No treatment	

TUBING RECORD Size 2 3/8" Set At 3700' Packer at _____ Liner Run Yes No

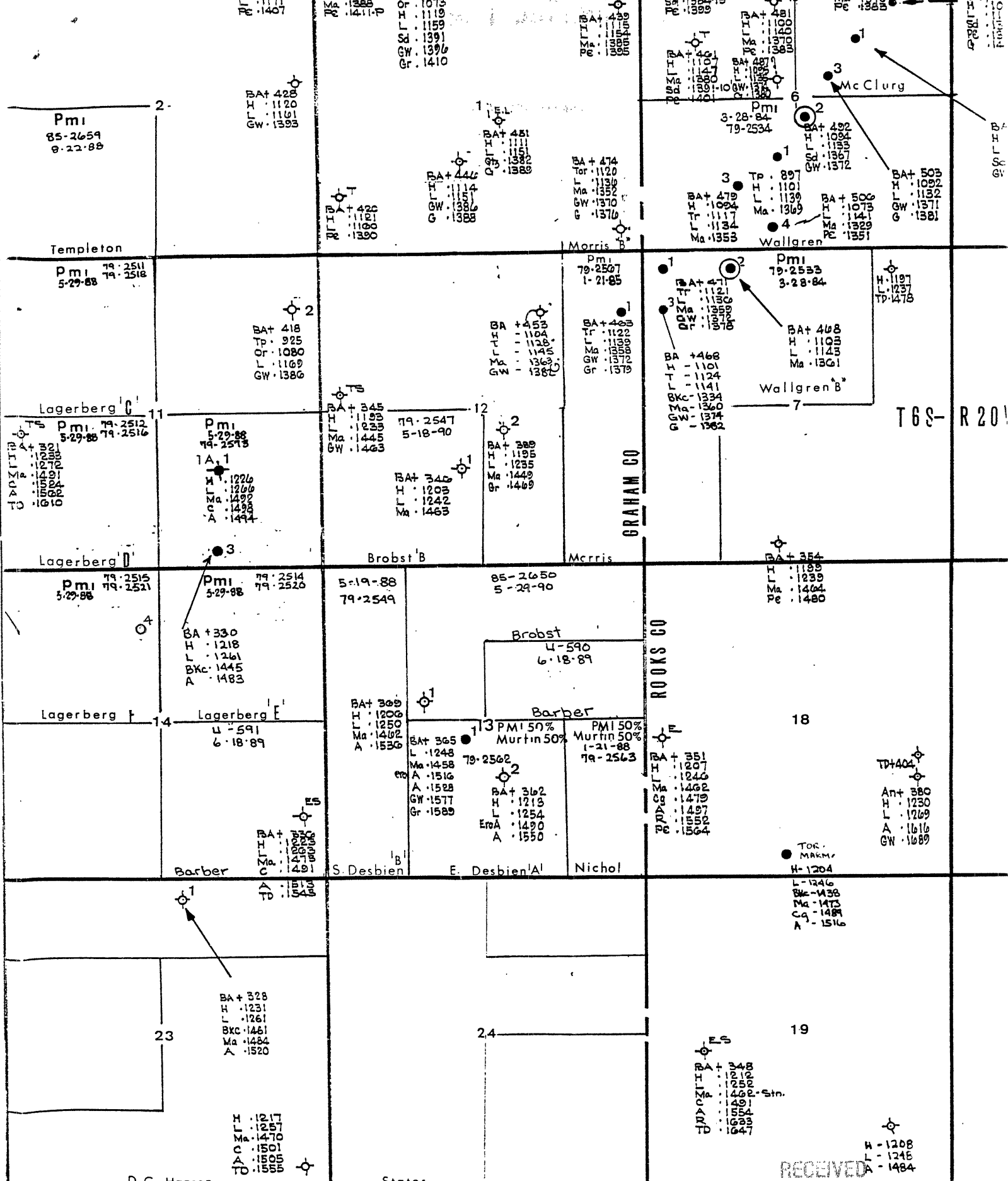
Date of First Production 6/26/87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	20.00		60.00		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3718-36' Used on Lease Dually Completed Commingled



PIONEER POOL

15-065-22374-00-00

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 Wichita, Kansas
 NP 118710