

Amended AGO-1
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
AGO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-135-23-166-0001

County Ness

SW NE SE Sec. 3 Twp. 18S Rge. 21 East X West

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

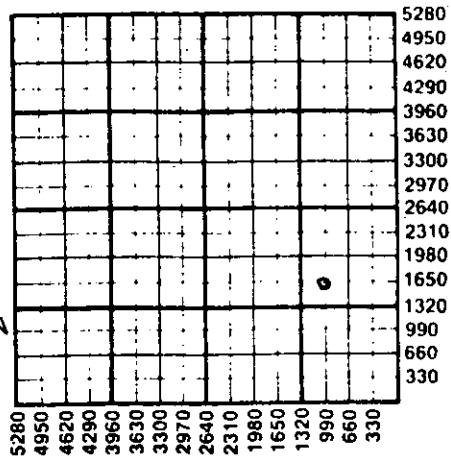
Lease Name Pabst "A" Well # 1

Field Name McCormick

Producing Formation Mississippian

Elevation: Ground 2154 KB 2159

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the AGO-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 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. #)

Operator: License # 3667
Name Source Petroleum
Address 200 W. Douglas, Suite #820
City/State/Zip Wichita, Kansas 67202

Purchaser Koch Oil Co.

Operator Contact Person John D. Howard, Jr.
Phone 316-262-7397

Contractor: License #
Name

Wellsite Geologist
Phone

Designate Type of Completion
New Well Re-Entry X Workover

Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If OWN: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
Mud Rotary Air Rotary Cable

Spud Date Date Reached TD Completion Date

Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 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
Invoice #

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9-29-88
CONSERVATION DIVISION
Wichita, Kansas

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 Charles D. Stumm

Title Production Mgr Date 9-28-88

Subscribed and sworn to before me this 28th day of September 1988

Notary Public Traci Grant

Date Commission Expires January 24, 1992

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)



Sec. 3, Twp. 18S, Rge. 21E

SIDE TWO

Operator Name Source Petroleum Lease Name Pabst "A" Well # 1

Sec. 3 Twp. 18S Rge. 21 East West County Ness

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

Name Top Bottom

CASING RECORD <input 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
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	4143-45 (2')			250 gals. 15% MCA			
4	4099-4103 (4')			250 gals. 15% MCA			
				2500 gals. 15% SGA			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No		
None							
Date of First Production	Producing Method						
N/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		
	0 Bbls	0 MCF	0 Bbls				

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4099-4103(4')...
 Used on Lease Dually Completed
 Commingled

LOG NO. 12-70
 4099-4103

Pabst "A" #1
Workover Report

5-31-88

RU Plains Well Service. POH with rods, pump and tubing. RIH with swab. Fluid 1200' from surface. Swabbed down to 3200' and could not swab fast enough to get below 3200'. All water. RU Atlas Wireline. Set CIBP @ 4180'. Swabbed casing dry. RU Service Acid. Dumped 500 gals. 10% Acetic Acid. Perforated lower Cherokee Sand @ 4143-45 with 2 spf jet gun and with 2 spf bullet gun. RD Atlas Wireline and Service Acid. Let set 1 hour. Checked fillup. No fillup. Dumped 80 bbls. 2% KCL water down casing and finished filling casing with salt water swabbed earlier. SDON.

6-01-88

Zone did not appear to take any fluid overnight. Swabbed casing dry. No entry. RIH with tubing and packer. Hung tailpipe at 4171'. Made swab run - dry. RU Service Acid. Dump 1 1/2 bbls. 15% mca with DS-FE. Let equalize. Pull up and set packer with tailpipe @ 4139'. Loaded hole with 250 gals. 15% mca with DS-FE and 2% KCL water. Worked pressure to 1600 psi over 3 1/2 hours. Pressure broke back to 300 psi @ 1 bpm. Displaced at that rate and pressure. ISIP - 0. RD Service Acid. Rigged to swab. Total Load - 32 1/2 bbls.. Swabbed load plus additional 15 bbls. salt water. SDON.

6-02-88

1400' of fluid. All water. Released packer. POH with tubing and packer. RU Welex. Set CIBP @ 4140'. Swabbed fluid down to 3900'. Perforated Ft. Scott @ 4099-4103 (4') with 4 spf jet gun. RD Welex. Swabbed dry. No show. RIH with tubing and packer. Hang tubing @ 4136'. RU Service Acid. Dump 1 1/2 bbls. 15% mca with DS-FE. Let equalize. Pull tubing to 4104' and set packer. Acidize with 250 gals. 15% mca with DS-FE. Zone took approximately 2 bbls. acid while loading. Pumped rest of acid @ 2 bpm, 500 psi. ISIP - 300. Vac in 1 min.. RD Service Acid. Total load - 33 bbls.. Found fluid 500' from surface. Swabbed 15 bbls.. Load water on swab down. Swabbed as follows:

<u>HOUR</u>	<u>BBLs.</u>	<u>PERCENT OIL</u>	<u>TOTAL BBLs.</u>
Swab down	15.0	----	15.0
1	.4	50	15.4 water is load
2	.4	54	15.8 water is load

SDON.

6-03-88

150' of fluid, all oil. Swabbed 1 hour. Recoverd additional .4 bbls., 50% oil, 50% load water. RU Service Acid. Acidized with 2500 gals. 15% SGA as follows:

<u>STAGE</u>	<u>FLUID</u>	<u>PRESSURE</u>	<u>RATE</u>
1	500 gals. gel water	750	2
2	1250 gals. SGA	600	2
3	500 gals. gel water	700	2 1/2
4	1250 gals. SGA	750	3
5	500 gals. gel water	400	3
6	1000 gals. flush	400	3

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Wichita, Kansas

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ISIP - 150 psi. Vac in 1 min.. RD Service Acid. Swabbed 39 bbls. on swab down. Swabbed as follows:

<u>HOUR</u>	<u>BBLs.</u>	<u>PERCENT OIL</u>	<u>TOTAL BBLs.</u>
Swab down	39.0	----	39.0
1	14.6	----	53.6
2	12.5	----	66.1
3	11.7	----	77.8
4	10.9	5	88.7
5	9.6	10	98.3
6	10.4	5	108.7
7	6.3	4	115.0
8	9.7	4	124.7
9	10.4	3	135.1

SDON.

6-04-88

600' of fluid. Scum of oil. Swabbed as follows:

<u>HOUR</u>	<u>BBLs.</u>	<u>PERCENT OIL</u>	<u>TOTAL BBLs.</u>
1	15.0	Scum	150.1
2	12.4	Scum	162.5

Laid out rods and tubing. Hauled to Plains Inc. yard. Release rig.

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