

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 # 4752
Name Source Petroleum
Address 910 Century Plaza Building
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Co.

Operator Contact Person Steve Murphy
Phone 316-262-7397

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Steve Murphy
Phone 316-262-7397

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWD: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

9/23/87 10/01/87 10/2/87
Spud Date Date Reached TD Completion Date

4300' 4230'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 217 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from 1405 feet depth to Surface SX cut
Cement Company Name BJ-Titan
Invoice # XG071

API NO. 15-135-23-166-0000
County Ness
SW NE SE Sec. 3 Twp. 18 Rge. 21 East West

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

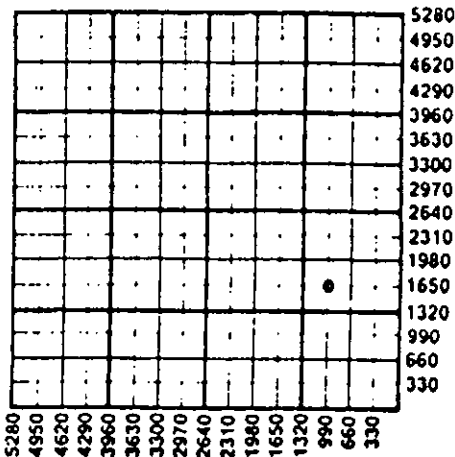
Lease Name Pabst "A" Well # 1

Field Name McCormick

Producing Formation Mississippian

Elevation: Ground 2154 KB 2159

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal 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...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West

Other (explain) Hauled by truck (purchased from city, R.W.D. #)

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 Steven P. Murphy
Title Geologist/Partner Date 11-9-87

Subscribed and sworn to before me this 9th day of November 1987

Notary Public Traci Grant

Date Commission Expires January 24, 1988

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



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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

Sec. 3, Twp. 18, Rge. 21

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

Sec. 3 Twp. 18 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

See attached sheet.

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	1410 (+749)	
Heebner	3593 (-1434)	
Lansing	3636 (-1477)	
BKC	3922 (-1763)	
Fort Scott	3996 (-1837)	
Cherokee	4112 (-1953)	
Mississippi	4188 (-2029)	

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#	217'	60/40 Poz	140	2%gel, 3%cc
Production	12.1/4"	5.1/2"	14#	4289'	50/50 Poz	375	2%gel, 3%cc w/125 sacks sure fill

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Slotted @ 4190, 4191, 4192		

TUBING RECORD Size 2 7/8 Set At 4208.5 Packer at _____ Liner Run Yes No

Date of First Production 11-04-87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	25 Bbls	----- MCF	30 Bbls	CFPB	42

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Sold Used on Lease Open Hole Perforation Other (Specify) Slotted 4190-4192 Dually Completed Comingled

78-01-11



DRILL STEM TEST

15-135-23166-0000

DST #1

Interval: 4090-4115
 Recovery: 50' Gas in pipe
 20' slightly oil cut mud, 5% oil, 95% mud.

IHP: 2081.5
 IFP: 38.9-38.9 open 45 minutes
 ISIP: 72.2 closed 45 minutes
 FFP: 38.9-44.4 open 45 minutes
 FSIP: 74.4 closed 60 minutes
 FHP: 2071.6
 BHT: 111 degree

DST #2

Interval: 4115-4165
 Recovery: 40' slightly oil cut mud and water 10% oil, 50% mud, 40% water
 1060' slight oil specked gassy water

IHP: 2103.8
 IFP: 222.2-480 open 30 minutes
 ISIP: 563.3 closed 45 minutes
 FFP: 437.8-533.8 open 30 minutes
 FSIP: 567.7 closed 60 minutes
 FHP: 2040.2

DST #3

Interval: 4154-4165
 Recovery: 65' mud with oil specks in tool

IHP: 2126.1
 IFP: 58.8-68.8 open 30 minutes
 ISIP: 455.5 closed 30 minutes
 FFP: 183.3-64.4 open 30 minutes
 FSIP: 224.4 closed 30 minutes
 FHP: 2071.4
 BHT: 115 degree

DST #4

Interval: 4212-4230
 Recovery: 60' watery mud
 1310' gassy water with scum of oil in tool

IHP: 2097.1
 IFP: 111.1-488.8 open 30 minutes
 ISIP: 1286.3 closed 30 minutes
 FFP: 427.7-703 open 30 minutes
 FSIP: 1284.1 closed 30 minutes
 FHP: 2060.2
 BHT: 121 degree

DST #5

Interval: 4190-4197
 Recovery: 490' gas in pipe
 320' clean gassy oil
 30' slightly oil cut mud, 5% oil, 95% mud

IHP: 2122.8
 IFP: 53.3-111 open 30 minutes
 ISIP: 1222.5 closed 30 minutes
 FFP: 82.2 open 30 minutes

FSIP: 1208.2
 FHP: 2041.3
 BHT: 119 degree

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