

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 # 9839
Name Pendulum Petroleum
Address P.O. Box 1088
City/State/Zip Arkansas City, KS

Purchaser Koch Oil Co.

Operator Contact Person Bob G. Bazzle
Phone 316-442-4629

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Craig Bazzle
Phone

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
8/27/88 Spud Date 8/31/88 Date Reached TD 9-17-89 Completion Date
3338' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 240 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 #

API NO. 15-185-22,536.0000
County Stafford
NW SW NE Sec 3 Twp 21 Rge 11 West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

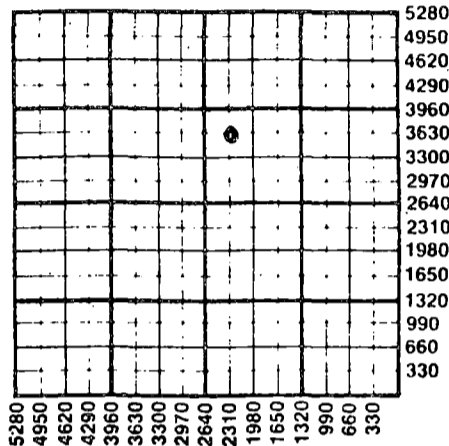
Lease Name Snider C Well # 1

Field Name Snider

Producing Formation Kansas City

Elevation: Ground 1770' KB 1775'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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) (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.

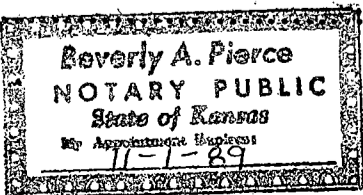
Signature Bob G. Bazzle

Title PRESIDENT Date 2/24/89

Subscribed and sworn to before me this 24th day of February 1989

Notary Public Beverly A. Pierce

Date Commission Expires



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)
3-1-89

Sec 3 Twp 21 Rge 11 West

SIDE TWO

Operator Name Pendulum Petroleum Lease Name Snider C Well # 1

Sec. 3 Twp. 21 Rge. 11 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 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

TOPEKA
 30-57-30-60
 A. 1323
 B. 41
 C. 47
 D. 987
 E. 56
 F. 65
 G. 976
 H. 1292

Name	Top	Bottom
KANSAS CITY	3166	- 3306
Arbuckle	3314	- 3338 TD

RECOVERED; 75' Mud
 INTERVAL: 2670 -2686'
 TEMP: 98°

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#	240'	60/40 Poz	175	3% cc
Production		4 1/2"	10.5#	3326'	50/50 Poz	150	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
4	3328-3333	Acid-1250 gal. 15% NF.	3333
4	3204-3210		
4	3139-3145		
4	3114-3116	Acid-1500 gal. 15% NF.	3116
4	3156-3159		

TUBING RECORD	Size	Set At	Packer at	Liner Run
	2 3/8"	3320'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method				
9/17/88	<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	
	Bbls		MCF		Bbls		CFPB			
	10.02		.05		70					39°

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Soid Used on Lease

Open Hole Perforation Other (Specify)

Dually Completed Commingled