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 # 8651
Name Petroleum Technologies, Inc.
Address 3515 Broadway, Suite 200
Kansas City, MO 64111
City/State/Zip

Purchaser AMOCO Production Co.
P. O. Box 591, Tulsa, OK 74102

Operator Contact Person Alan Seaton
Phone (816) 531-6904

Contractor: License # 8509
Name Evans Energy Development, Inc.

Wellsite Geologist N/A
Phone

Designate Type of Completion
X New Well __ Re-Entry __ Workover

X 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 X Air Rotary __ Cable

8-26-88	8-30-88	10-4-88
Spud Date	Date Reached TD	Completion Date

925	913
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 21 feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from 913 feet depth to 0 w/ 100 SX cmt
Cement Company Name Halliburton
Invoice # 745399

API NO. 19- 091-22,012

County Johnson

SE SE NW NW Sec. 32 Twp. 14 Rge. 22 X East __ West
4125 Ft North from Southeast Corner of Section
4125 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
4144 FSL; 4123 FEL - KCC Record

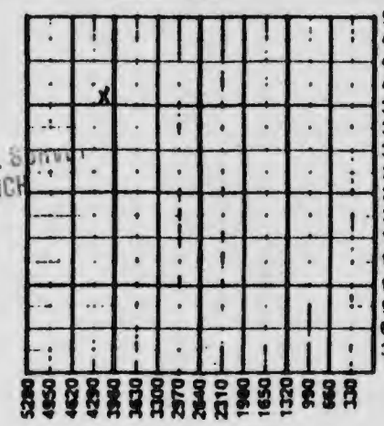
Lease Name Knabe C Well # 32-8

Field Name N/A

Producing Formation Cherokee Group

Elevation: Ground N/A KB

Section Plat



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
NOV 05 1988

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
Title Alan J. Seaton, President Date 10-28-88

Subscribed and sworn to before me this 28th day of October 19 88
Notary Public Paula W. Enyeart
Date Commission Expires PAULA W. ENYEART NOTARY PUBLIC, STATE OF MISSOURI JACKSON COUNTY MY COMMISSION EXP. JULY 5, 1991

RECEIVED
STATE CORPORATION COMMISSION
NOV 3 1988
CONSERVATION DIVISION
Wichita, Kansas

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. 32 Twp. 14 Rge. 22E

Form ACO-1 (5-86)

SIDE TWO

Operator Name .Petroleum Technologies, Inc..... Lease Name....Knabe C.....Well #..32-8.

Sec....32.... Twp....14.... Rge...22..... [X] East [ ] West County....Johnson.....

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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[ ] Log [X] Sample

Name	Top	Bottom

DRILLER'S LOG ATTACHED

CASING RECORD [ ] New [X] 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 1/2	7 5/8	20	21	Portland	5	None
Production	5 1/4	4 1/2	10	913	PozmixA	100	2% Gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	861.5 - 866.5	Acid: 100 gal 7 1/2% HCl	861.5 - 866.5
		Frac: 30 sx sand; 100 bbl gelled wtr	861.5 - 866.5

TUBING RECORD Size N/A Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production 10/28/88

Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	1.75 Bbls	N/A 0 MCF	— Bbls	N/A CFPB	20

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease

[ ] Open Hole [X] Perforation
[ ] Other (Specify) .....

[ ] Dually Completed
[ ] Commingled

Production Interval

Bartlesville Sand

32-14-22E

EVANS ENERGY DEVELOPMENT INC.
310 N. Hospital Drive Paola, Kansas 66071 (913) 294-9083

Custom
oil & gas
drilling
Lease Development

WELL LOG
Knabe-C #32-8
Petroleum Technologies, Inc.
API No. 15-091-22,012
August 26-30, 1988

Thickness of Strata	Formation	Total	
16	soil & clay	16	
29	shale	45	
3	lime	48	
6	shale	54	
15	lime	69	
7	shale	76	
9	lime	85	
8	shale	93	
21	lime	114	
23	shale	137	
26	lime	163	
9	shale	172	
14	lime	186	
12	shale	198	
27	lime	225	
15	shale	240	
9	lime	249	
18	shale	267	
7	lime	274	
5	shale	279	
7	lime	286	
44	shale	330	
26	lime	356	
7	shale	363	
24	lime	387	
3	shale	390	
15	lime	405	Hertha, Base of K.C.
42	shale	447	
10	sand	457	white, some gas
119	shale	576	
6	lime	582	
2	shale	584	
5	lime	589	
5	shale	594	

32-14-22E

Knabe-C #32-8

10	lime	604
4	sand	608
8	shale	616
4	lime	620
6	shale	626
11	lime	637
16	shale	653
1	lime	654
4	shale	658
6	lime	664
2	shale	666
2	lime	668
3	shale	671
2	lime	673
44	shale	717
2	lime	719
9	shale	728
2	lime	730
9	shale	739
6	sand	745
112	shale	857
.5	sand	857.5
1.5	sand	859
13	sand	872
53	shale	925