

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

API No. 15-...091-21...993

County...Johnson

SE...SW...NE...NW...Sec. 32, Twp. 14, Rge. 22...  
4105 4155 FSL; 3470 FEL-KCC record  
4105 Ft North from Southeast Corner of Section  
4155 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

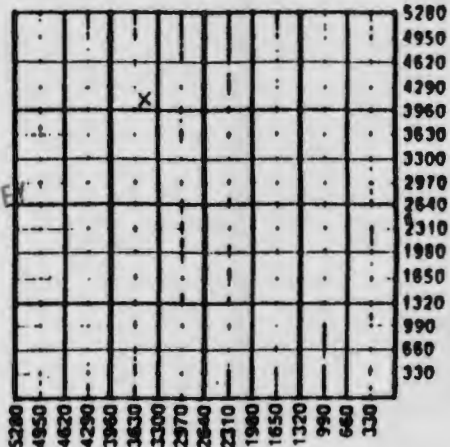
Lease Name...Knabe, C...Well #...32-12

Field Name...N/A

Producing Formation...Cherokee Group

Elevation: Ground...N/A...KB

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. #)

Operator: License # 8431  
Name: Petroleum Technologies, Inc.  
Address: 3535 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.

Responsible Geologist: N/A  
Phone:

Designate Type of Completion

New Well  Re-Entry  Workover  
Oil  SMD  Temp Abd  
Gas  Inj  Delayed Comp.  
Dry  Other (Core, Water Supply etc.)

OWVO: old well info as follows:

Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary  Air Rotary  Cable  
8-17-88 8-19-88 10-4-88  
Spud Date Date Reached TD Completion Date

885 875  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at...21 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set.....feet  
Alternate 2 completion, cement circulated  
875 feet depth to 0 / 110 SX cmt  
Cement Company Name: Halliburton  
Invoice # 745361

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 driller's 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: *Alan J. Seaton*

Title: Alan J. Seaton, President Date: 10-27-88

Subscribed and sworn to before me this 27th day of October, 1988

Notary Public: *Paula W. Enyart*  
JACKSON COUNTY MISSOURI  
COMMISSION EXP. JULY 5, 1991

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached  
 Wireline Log Received  
 Driller's Timelog Received

Distribution

KCC  SMD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

RECEIVED  
STATE CORPORATION COMMISSION

Section 14 Rge 22E

NOV 3 1988 Form ACO-1 (5-86)

Operator Name Petroleum Technologies, Inc. Lease Name Knabe C Well # 32-12

Sec. 32 Twp. 14 Rge. 22  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  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name Top Bottom

DRILLER'S LOG ATTACHED

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/2	7 5/8	20	21	Portland	5	None
production	9 1/4	4 7/8	10	875	POZZOLANA	110	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	
3	834-838			Acid: 100 gal 7-1/2% HCL		834-838	
.....	.....			Fract: 28 sx sand; 100 bbl wt		834-838	
.....	.....			.....		.....	
.....	.....			.....		.....	
.....	.....			.....		.....	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
		N/A					
Date of First Production		Producing Method					
October 27, 1988		<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		
	1.5 Bbls	0 MCF	0 Bbls	N/A	CFPB	20	

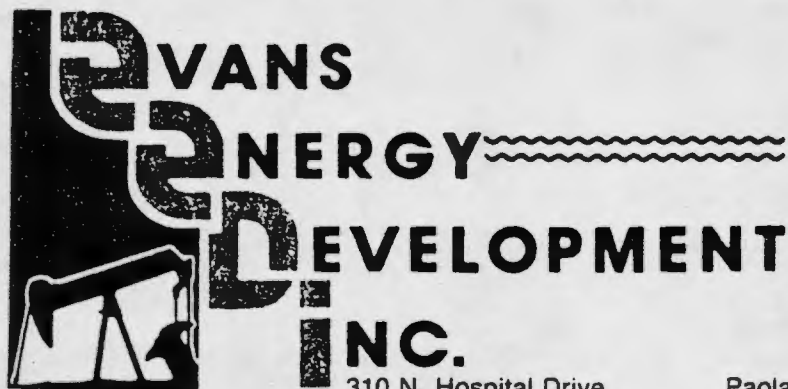
METHOD OF COMPLETION Production Interval

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

Bartlesville, Sa



32-14-22E



Custom  
oil & gas  
drilling  
Lease Development

310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

WELL LOG  
Knabe-C #32-12  
Petroleum Technologies, Inc.  
API No. 15-091-21,993  
August 17-19, 1988

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
21	soil & clay	21
3	lime	24
6	shale	30
16	lime	46
7	shale	53
9	lime	62
9	shale	71
22	lime	93
18	shale	111
23	lime	134
12	shale	146
16	lime	162
12	shale	174
27	lime	201
14	shale	215
9	lime	224
18	shale	242
7	lime	249
6	shale	255
6	lime	261
45	shale	306
25	lime	331
8	shale	339
22	lime	361
4	shale	365
15	lime	380 Hertha, Base of K.C.
31	shale	411
11	sand	422 white, some gas
129	shale	551
6	lime	557
3	shale	560
3	lime	563
5	shale	569

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NOV 3 1988

CONSERVATION DIVISION  
Wichita, Kansas

32-14-22E

Knabe-C #32-12

7	lime	576
3	sand	579
12	shale	591
3	lime	594
6	shale	600
4	lime	604
5	shale	609
2	lime	611
22	shale	633
2	lime	635
2	shale	637
3	lime	640
61	shale	701
1	lime	702
8	shale	710
5	sand	715
117	shale	832
4	sand	836
5	sand	841
3	broken sand	844
41	shale	885