

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

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Operator: License # .....8653.....
Name ..Petroleum Technologies, Inc.....
Address ..3535 Broadway, Suite 200.....
.....
City/State/Zip ..Kansas City, MO 64111..
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Purchaser.....N/A.....
.....

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

Contractor: License # 3518
Name Eastern Kansas Drilling, Inc.

Wellsite Geologist.....N/A.....
Phone.....

Designate Type of Completion

New Well Re-Entry Workover

<u> </u> Oil	<u> </u> SWD	<u> </u> Temp Abd
<u> </u> Gas	<u> </u> Inj	<u> </u> Delayed Comp.
<u>X</u> Dry	<u> </u> Other (Core, Water Supply etc.)	

If OWNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method: Mud Rotary X Air Rotary Cable

<u>10-23-87</u> Spud Date	<u>10-28-87</u> Date Reached TD	<u>10-28-87</u> Completion Date
<u>900</u> Total Depth	<u>N/A</u> PBD	

Amount of Surface Pipe Set and Cemented at. 20.feet
Multiple Stage Cementing Collar Used? Yes X 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. 15-091-21,895
County.....Johnson
NE/4..... Sec. 32. Twp. 14. Rge. 22.....
X East
West

..4785!.... Ft North from Southeast Corner of Section
..1485!.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

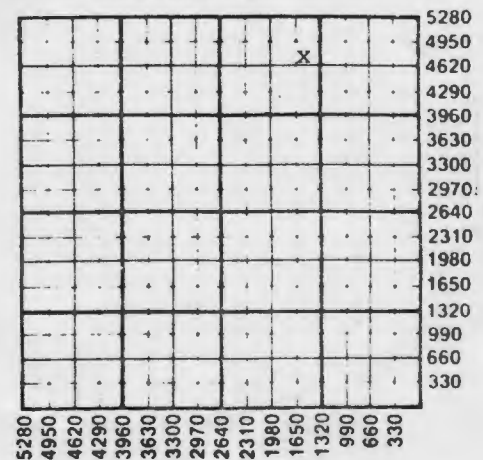
Lease Name... Reitz Well #. 32-13.

Field Name.....N/A.....

Producing Formation.....N/A.....

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

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:

Docket #	— Disposal
	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
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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.

SIDE TWO

Operator Name Petroleum Technologies, Inc. Lease Name Reitz Well # 32-13Sec. 32 Twp. 14S 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

9	LIME	658	
4	SHALE	662	
20	SAND	682	NO OIL SHOW
82	SHALE	764	
2	LIME	766	
90	SHALE	856	CORED 845 TO 850 NO SHOW.
6	OIL SAND	862	CORED 856 TO 862 OIL SAND-NO OIL.

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	11 3/4"	7 5/8"	20#	20'	DWC	SSX	

PERFORATION RECORD

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

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
Date of First Production	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....				

32-14-22E

DRILLERS LOG

REITZ 32-13

THICKNESS	FORMATION	DEPTH
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4	DIRT	4
20	CLAY	24
3	LIME	27
5	SHALE	32
14	LIME	46
8	SHALE	54
10	LIME	64
6	SHALE	70
10	LIME	80
6	SHALE	86
6	LIME	92
19	SHALE	111
22	LIME	133
16	SHALE	149
25	LIME	164
11	SHALE	175
5	LIME	180
3	SHALE	183
21	LIME	204
15	SHALE	219
10	LIME	229
17	SHALE	246
7	LIME	254
5	SHALE	259
8	LIME	267
45	SHALE	312
25	LIME	337
6	SHALE	343
24	LIME	367
3	SHALE	370
5	LIME	375
5	SHALE	380
7	LIME	387
153	SHALE	540
3	LIME	543
21	SHALE	564
24	LIME	588
6	SHALE	594
8	SAND	602
2	SHALE	604
4	LIME	608
4	SHALE	612
6	LIME	618
3	SHALE	621
3	LIME	624
25	SHALE	649

HERTHA

NO OIL SHOW