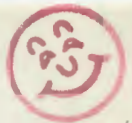




SIDE ONE



87

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 # 8653
name Petroleum Technologies, Inc.
address 4005 E. Kellogg
City/State/Zip Wichita, KS 67218

Operator Contact Person Grant B. Gardner
Phone (316) 687-9963

Contractor: license # 9003
name Central Plains Oil and Gas

Wellsite Geologist N/A
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

6-19-84 6-22-84 7-10-84
Spud Date Date Reached TD Completion Date

960 930'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 20 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 20 feet depth to surface w/ 5 SX cmt

API NO. 15-091-21,279

County Johnson

SE SW NE SW Sec 29 Twp 14S Rge 22 East West

1496 FSL 1485 Ft North from Southeast Corner of Section
3432 FEL 3465 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

KCC record

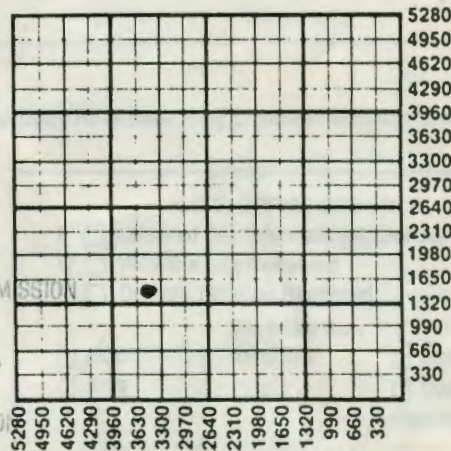
Lease Name Sawyer Well# 29-14

Field Name N/A

Producing Formation Bartlesville

Elevation: Ground N/A KB N/A

Section Plat



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STATE CORPORATION COMMISSION

OCT 24 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 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.

SIDE TWO

Operator Name Petroleum Technologies, Inc. Lease Name Sawyer Well# 29-14 SEC 29 TWP. 148 RGE. 22

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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

--	--	--	--	--	--

TUBING RECORD size 2 3/8" set at 820 packer at _____ Liner Run Yes No

Date of First Production _____ Producing method flowing pumping gas lift Other (explain) _____

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

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify) _____

Dually Completed.
 Commingled

PRODUCTION INTERVAL

Bartlesville

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	7	14	20	Thixotropic	5	N/A
Production	6 1/2	4 1/2	9	930	Thixotropic	110	N/A

PERFORATION RECORD specify footage of each interval perforated

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4	829 to 832	100 gal. acid 4000# frac	

SAWYER 29-14

29-14-222

DRILLERS LOG

<u>THICKNESS</u>	<u>FORMATION</u>	<u>DEPTH</u>
6	Dirt	6
19	Clay	25
1	Shale	26
23	Lime	49
8	Shale	57
9	Lime	66
7	Shale	73
44	Lime	117
29	Shale	146
53	Lime	199
17	Shale	216
9	Lime	225
82	Shale	307 W/Lime Streaks
59	Lime	366 W/Shale Streaks
3	Coal	369
18	Lime	387 Hertha
149	Shale	536
3	Coal	539
3	Shale	542
2	Coal	544
53	Shale	597
2	Coal	599
18	Sandy Shale	617 W/Lime Streaks
3	Red Bed	620
2	Sand	622
22	Shale	644 W/Lime Streaks
5	Oil Sand	649
27	Sandy Shale	776 W/Lime Streaks
3	Coal	779
37	Sandy Shale	816 W/Lime Streaks
3	Coal	819
19	Sandy Shale	838
7	Oil Sand	845 Cored 838 to 850
115	Shale	960 W/Lime & Coal Streaks

OCT 25 1984

State Geological Survey
WICHITA BRANCH

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Wichita, Kansas