



SIDE ONE

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PISTATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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 N. David Urquhart
Phone 316-687-9963

Contractor: license # 5888
name Leben Drilling Co.

Wellsite Geologist David Barker
Phone 316-687-9963

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supply etc.)

OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-2-84 7-9-84 7-9-84
Cased Date Date Reached TD Completion Date

3110' Ø
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 810' 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

wire line log received

API NO. 15-077-21,835

County Barber

C SE SW Sec 3 Twp 31 Rge 14 East
(location) West

..... Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

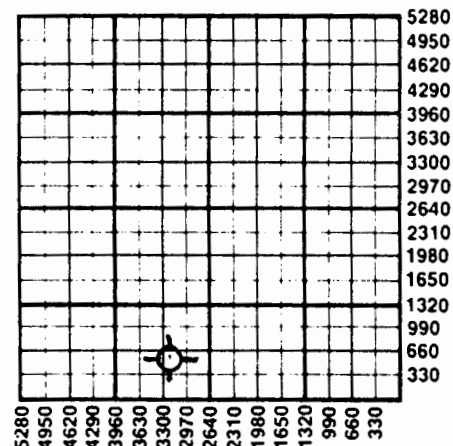
Lease Name Nittler Well# 3-4

Field Name

Producing Formation N/A

Elevation: Ground 1709 KB 1718

Section Plat



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.

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 Nittler Well# 3-4 SEC 3 TWP 31 RGE 14 ☒ East ☒ West

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

DST #1
 Time 30-60-30-45
 1st opening: strong blow off of bottom of bucket in 30 sec. No gas to surface.
 2nd opening: strong blow off of bottom of bucket immediately. No gas to surface
 Rec: 150' mud, 420' water

Name	Top	Bottom
Indian Cave	2767	-1049
Wabaunsee	2826	-1108
Tarkio	2956	-1133
Emporia	3064	-1146

Interval	IHSP	FHSP	ISIP	FIP	FFP	BHT
2754-86	1267	1053	1073-1053	39-196	215-303	100°

DST #2
 Time 30-60-15-30
 1st opening: very weak blow 1/8". Bucket died in 10 min.
 2nd opening: No blow.
 Rec: none

Interval	IHSP	FHSP	ISIP	FIP	FFP
3057-3078	1461	1461	40-20	20-20	20-20

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		8 5/8"	#24	810'	light common	225	
Plug				50 sx. @ 860'; 15 sx. in RH	40 sx. @ 300'; 15 sx. in MH	200	3% cc
					POZ	10 sx. top 40'	3% cc-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