

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 # 5114
Name National Development Company
Address 310 W. Central, Suite 117
City/State/Zip Wichita, KS 67202

Purchaser Clear Creek

Operator Contact Person Ralph Hamilton
Phone 316-267-1331

Contractor: License # 5929
Name Duke Drilling Company, Inc.

Wellsite Geologist Beth Fuhr
Phone 316-263-2243

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

8-13-88 8-21-88 9-1-88
Spud Date Date Reached TD Completion Date
4510'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 263 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
Cement Company Name
Invoice #

API NO. 15-151 21,895
County Pratt
SE NW NW 8 27 11 East
Sec. Twp. Rge. X West

4290 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

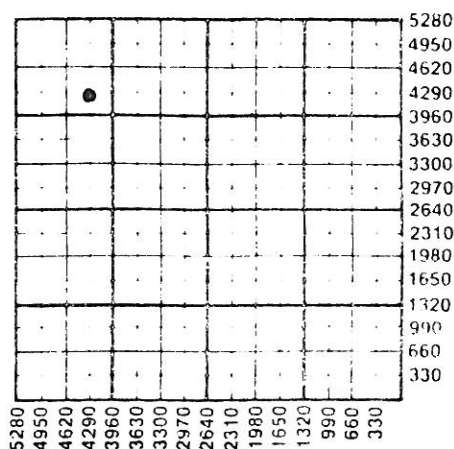
Shanline 1
Lease Name Well #

Field Name New Pool Haymonville, SW

Producing Formation Lansing - Hertha Zone

Elevation: Ground 1824 KB 1829

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: Drilled water well
Division of Water Resources Permit # 188-424

X Groundwater 4290 Ft North from Southeast Corner
(Well) 4290 Ft West from Southeast Corner of
Sec 8 Twp 27 Rge 11 East X 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 Seth A. Fuhr

Title GEOLOGIST Date 11-15-88

Subscribed and sworn to before me this 15 day of November 1988

Notary Public Patricia C. Byerlee

Date Commission Expires 12/11/88

K.C.C. OFFICE USE ONLY

☒ Letter of Confidentiality Attached
☒ Wireline Log Received
☒ Drillers Timelog Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NGPA
☒ KGS ☐ Plug ☐ Other
(Specify)

Operator Name National Development Company Lease Name..... Shanline Well #..... 1

RELEASED

Sec..... 8 Twp..... 27 Rge..... 11 ☐ East
☒ West County..... Pratt

MAR 07 1990

WELL LOG

FROM CONFIDENTIAL

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

DST #1 3900-3930
30"-45"-60"-60"
Recovered: 1600' GIP
72' OCM (20% oil, 45% gas)
IFP 33-33# FFP 44-44#
ISIP 680# FSIP 810#
HYD 1936-1936# TEMP 118°

DST #2 3935-3960

30"-60"-75"-60"

Recovered: GTS/5"
Stabilized 50,000 CFGPD/45"
20' HOCM, 954' Clean Oil, 2' water,

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Heebner	3457	
Brown Lime	3636	
Lansing	3652	4005
Base KC	4005	
Mississippi	4093	4218
Viola	4307	4410
Simpson Shale	4410	
Arbuckle	4492	

IFP 99-110# FFP 132-231#
ISIP 1200# FSIP 1100#
HYD 1947-1925#

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	14 3/4"	10 3/4"	28#	263	60/40 Poz	175	2% gel, 3% C.C.
Production	7 7/8"	5 1/2"	14#	4164	Surefill	125	300 Gal. Mud Flush

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

4	10 (3945-3955)	1000 gal. 7 1/2% mud acid & ...	3945-55
		2000 gal. KCL water	
		3000 gal. 20% retarded acid	
		w/ 10,000 gal. Gelled spacer	

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used) Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☒ No
130 jts.	2 7/8	4082 GL			

Date of First Production	Producing Method
3 Sept 1988	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	50 Bbls	5 MCF	20 Bbls	CFPB	36°

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☒ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

3945 - 3955