

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

Operator: License # 8061

Name: Oil Producers, Inc. of Kansas

Address P.O. Box 8647

City/State/Zip Wichita, Ks. 67208

Purchaser: KN Energy

Operator Contact Person: Diana Richecky

Phone (316) 681-0231

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: William Shepherd

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ SIGW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to ☐ SWD
☐ Plug Back ☐ PSTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

10/28/93 11/2/93 12/10/93

Spud Date 10/28/93 Date Reached TD 11/2/93 Completion Date 12/10/93

API NO. 15- 047-21,395 **ORIGINAL**

County Edwards

C W/2 E/2 SE Sec. 2 Twp. 24 Rge. 16 ☒

1320 Feet from S/W (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, S, NW or SW (circle one)

Lease Name KLEIN Well # 3

Field Name Bradbridge

Producing Formation Winfield Cryder

Elevation: Ground 2053 KB 2062

Total Depth 3950 PBTD 3821

Amount of Surface Pipe Set and Cemented at 240 Fee

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Fee

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt

Drilling Fluid Management Plan ALT 1 JN 12-11-95
(Data must be collected from the Reserve Pit)

Chloride content 600 ppm Fluid volume 240 bbl

Dewatering method used Hauled reserve pits, evap till dry

Location of fluid disposal if hauled offsite: _____

Operator Name Oil Producers, Inc. of Kansas

Lease Name Palmitier License No. 8061

SW Quarter 16 Sec. 25 Twp. S Rng. 16 E/W

County Stafford Docket No. c 20,983

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 _____

Title President Date 2/1/94

Subscribed and sworn to before me this 6 day of December, 19 93.

Notary Public Carol Dummer

Date Commission Expires 9-20-98

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rap ☐ NGPA
☒ KGS ☐ Plug ☐ Other (Specify) IS

CAROL DUMMER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

1001-45-6

SIDE TWO

180766

Operator Name Oil Producers, Inc. of KS.Lease Name KLEINWell # 3Sec. 2 Twp. 24 Rge. 16W☐ East
☐ WestCounty Edwards

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, 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
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)
☒ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

see attached list

List All E.Logs Run: Comp Density Neutron
Dual Induction, Correlation Cement Bond
Compensated Sonic, & Geological

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	8 5/8"	20	240	60 40 POZ	160	2% gel 3% cc
production		4 1/2		3813	E.A2	250	500 gal Sup. flu
two stage					E.A2	100	300 cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing			see attached	
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	see attached		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	2092	DV 2189		
Date of First, Resumed Production, SWD or Inj.	1/3/94	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 300 Mcf	Water Bbls.	Gas-Oil Ratio	viscosity

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

see attached

001-45-b

ORIGINAL

STERLING DRILLING COMPANY

BOX 129
STERLING, KANSAS 67579
(316) 278-2131

SAMPLE LOG - - - - - *API #15-047-21395* KLEIN #3
Located: C W/2 E/2 SE/4, Section 2-24S-16W,
Edwards County, Kansas

OWNER: OIL PRODUCERS, INC. of KANSAS
ROTARY DRILLING CONTRACTOR; STERLING DRILLING COMPANY

COMMENCED: October 28, 1993
COMPLETED: November 2, 1993

TOTAL DEPTH: 3950' K.B. Driller
3949' K.B. Logger

LOG

0' - 120' Surface Soil and Sand
120' - 245' Clay and Blue Shale
245' - 910' Shale - Red Beds
910' - 1575' Shale
1575' - 3950' Lime and Shale

CASING RECORD

Spud at 12:15 PM, 10-28-93. Drilled 245' of 12 1/4" hole. Ran 6 joints 8 5/8" used 20# casing. 227.78' pipe set at 240 K.B. Cemented with 160 sacks 60/40 Pozmix with 2% gel and 3% cc. Plug down at 3:45 PM, 10-28-93, by Allied. Good returns.

Ran 121 joints 4 1/2" used casing. 3798' pipe set at 3813' K.B. Cemented 1st stage with 250 sacks E.A2, with 500 gal. Superflush ahead. Plug down at 7:35 AM, 11-2-93, by Howco. Cemented 2nd stage with 100 sacks E.A2 with 300 gal. Superflush ahead. Joint 56 DV Tool at 2189'. Plug down at 10:30 AM, 11-2-93. Centralizers on Joints 1, 7, 13, 19, 25, 31, 55, 57, 61 and 65. Basket on 56 - 57.

DEVIATION SURVEYS

3/4 degree at 245'
1 degree at 3950'

2-24-16w

180766

API #15-047-21395

TOPS FOR KLEIN #3

ORIGINAL

ANHYDRITE	966	(+ 1096)
HERINGTON	1990	(+ 72)
WINFIELD	2048	(+ 14)
TARKIO	2864	(- 802)
ELMONT	2914	(- 856)
HOWARD	2989	(- 927)
TOPEKA	3058	(- 996)
HEEBNER	3448	(- 1386)
LANSING KC	3584	(- 1522)
PRE-E	3942	(- 1880)
LTD	3949	(- 1887)