

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5673
name W. L. Kirkman, Inc.
address P.O. Box 18611, 453 S. Webb Road
City State/Zip Wichita, Kansas 67207

Operator Contact Person Wayne L. Kirkman
Phone (316)685-5372

Contractor: license # 5829
name Aldebaran Drilling Co., Inc.

Wellsite Geologist L. Kristopher Moore
Phone (316)685-5372

PURCHASER None D. & A.

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If Old Well: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

5-30-84 6-11-84 6-11-84
Spud Date Date Reached TD Completion Date

4685
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 933 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

API NO. 15-007-21, 832

County Barber

SW SW NE Sec 4 Twp 31S Rge 14 West

2970 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

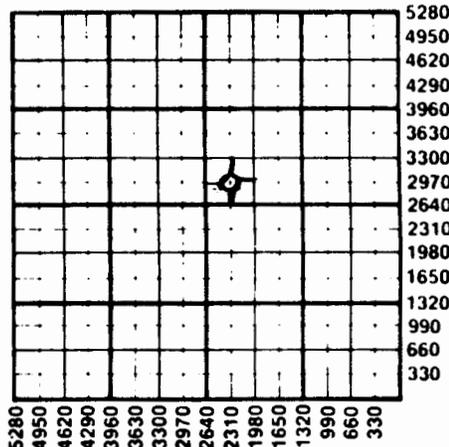
Lease Name Nittler Well# 1

Field Name

Producing Formation D&A

Elevation: Ground 1721 KB 1730

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 4 Twp 31S Rge 14 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

East
 West

Operator Name W. L. Kirkman, Inc. Lease Name Nittler Well# 1 SEC. 4 TWP 31S RGE 14

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 (2083-2163) Winfield and Towanda 15-30-15-30
 IF" 75-75 ISIP: 808 FF: 108-108 FSIP: 765
 HYD: 1077-1055 BHT: 96°
 REC: 90' mud, chlorides: 73,000

DST #2 (2871-2918) Langdon Sand 15-30-15-15
 IF: 54 ISIP: 54 FF: 54 FSIP: 54
 HYD: 1441-1355 BHT: 104°
 REC: 15' mud

DST #3 (3071-3094) Emporia 30-60-30-60
 IF: 86-86 ISIP: 916 FF: 108-108 FSIP: 711
 HYD: 1463-1452 BHT: 105°F
 REC: 240' gas in pipe, 180' oil spotted gassy mud

DST #4 (3817-3828) Lower Douglas Sand 30-60-30-60
 IF: 476-508 ISIP: 1280 FF: 615-626 FSIP: 1280
 HYD: 1874-1874 BHT: 112°
 REC: 480' mud, 180' watery gassy mud, 600' gassy water

DST #5 (3913-3952) Lancing C Zone 30-60-30-60
 IF: 78-177 ISIP: 1644 FF: 216-275 FSIP: 1464
 HYD: 1915-1915 BHT: 112°F
 REC: 540' water, few specks of oil on top

DST #6 (4426-4449) Maquoketa 30-60-30-60
 IF: 39-39 ISIP: 462 FF: 39-39 FSIP: 275
 HYD: 2157-2117 BHT: 118°F
 REC: 60' mud

DST #7 (4540-4577) Simpson Sand 30-60-30-60
 IF: 78-196 ISIP: 1474 FF: 285-393 FSIP: 1474
 HYD: 2228-2208 BHT: 120°F
 REC: 60' very slightly oil cut watery mud, 720' Water (42,000 chlorides)

Name	Top	Bottom
Herington	2025	
Wabaunsee	2845	
Emporia	3076	
Heebner Shalw	3666	
Lansing	3862	
Base Kansas City	4270	
Maquoketa	4412	
Simpson Shale	4544	
Simpson Sand	4559	
Arbuckle	4646	

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	24	933	Class A	300	2% gel, 3% CC

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth