

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 # 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 OWWO: 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 PBDT  
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, 832-0000  
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)

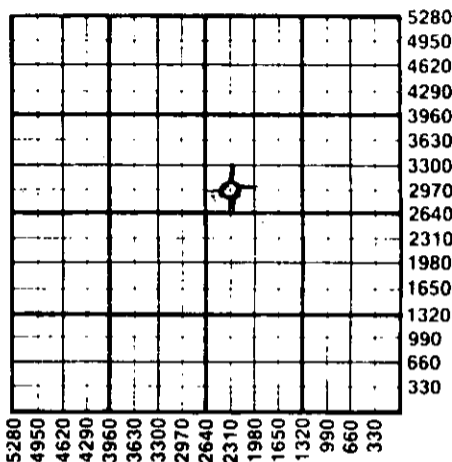
Lease Name Nittler Well# 1

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 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 *Wayne L. Kirkman*  
Wayne L. Kirkman  
Title President Date 9-6-84

Subscribed and sworn to before me this 6th day of September 1984

Notary Public KATHLEEN C. GUINN  
Date Commission Expires March 20, 1987  
My Appt. Exp. 3-20-87

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec 4 Twp 31S Rge 14W

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

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	

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)

CASING RECORD <input checked="" type="checkbox"/> nrw <input type="checkbox"/> 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 1/2	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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas - Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) \_\_\_\_\_  
 used on lease  Dually Completed.  
 Commingled

PRODUCTION INTERVAL -

15-007-21832-0000  
453 SOUTH WEBB ROAD  
P.O. BOX 18611  
WICHITA, KANSAS 67207  
316 685-5372



W E L L L O G

WELL NAME: NITTLER #1

WELL LOCATION: SW SW NE, SEC. 4-31S-14W, BARBER COUNTY, KS.

COMMENCED: 5-30-84

COMPLETED: 6-11-84

175 saes 60-40 poz 2% gel 3% cc.  
CASING RECORD: \_\_\_\_\_  
8 5/8" set at 933'

OPERATOR: W.L. KIRKMAN, INC.

CONTRACTOR: ALDEBARAN DRILLING CO., INC.

<u>FORMATION:</u>	<u>FROM:</u>	<u>TO:</u>
Red Bed	0	1334'
Lime - Shale	1334'	2795'
Indian Cave - Wabannsee	2795'	2881'
Lime - Shale	2881'	3094'
Emporia	3094'	3094'
Lime - Shale	3094'	3776'
Douglas - Lower	3776'	3828'
Lime - Shale	3828'	4577'
Simpson Sand	4577'	4617'
Shale - Lime	4617'	4685'

RECEIVED  
STATE CORPORATION COMMISSION  
6-14-84  
JUN 14 1984

CONSERVATION DIVISION  
Wichita, Kansas

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS:

I CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE DRILLER'S LOG ON THE WELL DRILLED  
SW SW NE, SEC. 4-31S-14W, BARBER COUNTY, KANSAS TO THE BEST OF MY  
KNOWLEDGE AND BELIEF.

ALDEBARAN DRILLING CO., INC.  
  
WAYNE L. KIRKMAN  
PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 12TH DAY OF JUNE, 1984.

KATHLEEN G. QUINN  
STATE NOTARY PUBLIC  
Sedgwick County, Kansas  
My Appt. Exp. 3-20-87

MARCH 20, 1987

  
KATHLEEN G. QUINN  
NOTARY PUBLIC