SIDE ONE

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 # 3202
Name Sierra Drilling Company
Address P.O. Box 782050
City/State/Zip Wichita, Kansas 67278

Purchaser Derby Crude Oil Purchasing

Operator Contact Person Wesley Hansen
Phone (316) 688-1254

Contractor: License # 5929
Name Duke Drilling Company

Wellsite Geologist Wesley D. Hansen
Phone (316) 838-2515

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X 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:
X Mud Rotary ___ Air Rotary ___ Cable

2-26-88	3-2-88	3-3-88
Spud Date	Date Reached TD	Completion Date

3368'	
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 251 feet
Multiple Stage Cementing Collar Used? ___ Yes X 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- 191-22,026

County Sumner

N/2 SW SE Sec. 2 Twp. 31 Rge. 3W ___ East X West

990 Ft North from Southeast Corner of Section
2135 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

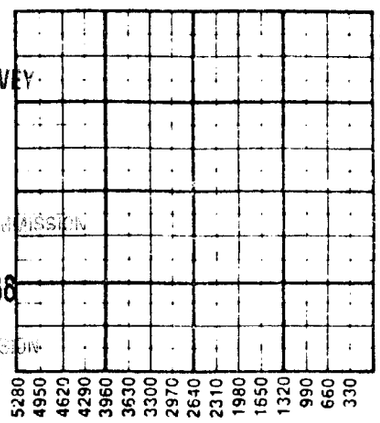
Lease Name Becker "B" Well # 3

Field Name

Producing Formation Swope Ls of Kansas City

Elevation: Ground 1302' KB 1309'

Section Plat



AUG 25 1988
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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:
Division of Water Resources Permit #

___ Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge ___ East ___ West

X Surface Water 990 Ft North from Southeast Corner
(Stream, pond etc.) 1985 Ft West from Southeast Corner
Sec 2 Twp 31 Rge 3 ___ East X 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 Wesley Hansen
Title Geologist Date 8-12-88

Subscribed and sworn to before me this 12 day of August, 19 88
Notary Public Patsy R. McGee
Patsy R. McGee
Date Commission Expires August 7, 1989

PATSY R. McGEE
NOTARY PUBLIC
STATE OF KANSAS

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

Sec. 2 Twp. 31 Rge. 3W

Form ACO-1 (5-86)

SIDE TWO

Operator Name Sierrs Drilling Company Lease Name Becker "B" Well # 3

Sec. 2 Twp. 31 Rge. 3W ☐ East ☒ West County Sumner

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
Haskell Ls.	2876'	
Stalnaker Sd.	2917'	
Base/ Stalnaker Sd.	2990'	
Kansas City	3185'	
Stark Sh.	3308'	
Swope Ls.	3319'	
Swope Porosity	3322'	
Hushpuckney Sh.	3353'	

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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#	251'	60/40 poz	200	2% gel. 3%CC.
Production	7 7/8	4 1/2		3367'	60/40 poz	75	10% salt 75% CFR2

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3321-3327	1500 gal cleanup acid, 1500 gal. 15%	

TUBING RECORD Size 2 3/8 Set At 3321 Packer at — Liner Run ☐ Yes ☒ No

Date of First Production: April 1, 1988

Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	10 bbls		none		
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval: 3321-3327'

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

☐ Open Hole ☒ Perforation
☐ Other (Specify) .....

☐ Dually Completed
☐ Commingled