



SIDE ONE

31-719W^{PI} *gnd*

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 # 6280
Name H. K. & W. Oil Operations, Inc.
Address P.O. Box 1851
City/State/Zip Salina, KS 67401

Purchaser Farmland Industries
Ke-Kee

Operator Contact Person Orville Kaufman
Phone 316-793-7327

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

Wellsite Geologist Michael W. Bair
Phone Hays, Ks.

Designate Type of Completion

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

If OWMO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary
- Air Rotary
- Cable

..... 4-13-85 Spud Date 4-18-85 Date Reached TD 4-26-85 Completion Date <i>Ke-ec</i>
..... 3401' Total Depth PBDT	

Amount of Surface Pipe Set and Cemented at 1227 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-.....163-22,669.....

County.....Rooks.....

NW... NE... NE... Sec 31... Twp 7... Rge 19... East West

.....4950..... Ft North from Southeast Corner of Section
.....990..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

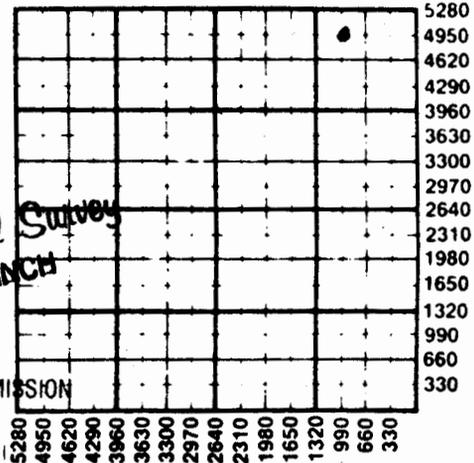
Lease Name.....Schoeller.....Well #.....3.....

Field Name.....Herber Ext.....

Producing Formation.....Arbuckle.....

Elevation: Ground.....1940.....KB.....1945.....

Section Plat



JUL 0 2 1985

State Geological Survey
WICHITA BRANCH

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STATE CORPORATION COMMISSION

JUN 1 7 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Locket #

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

Surface Water.....2310 Ft North from Southeast Corner (Stream, pond etc).....2970 Ft West from Southeast Corner Sec 32 Twp 7 Rge 19 East West

Other (explain).....
(purchased from city, R.W.D. #)

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. Rule 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.

31-7-1967

SIDE TWO

Operator Name ... H.K. & W. Oil Operations, Inc. ... Lease Name ... Schoeller ... Well # 3

Sec. 31 Twp. 7 Rge. 19 East West County ... Rooks

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
Howard	2842'	
Severy	2888'	
Topeka	2900'	
Heebner	3100'	
Toronto	3126'	
Kansas City	3140'	
Base K.C.	3356'	
Arbuckle	3394'	
RTD	3401'	

DST #1 3210-3240' 30/45/45/45/ IH 1698, FH 1683
 IF 87, FIF 244, ISIP 1169, SIF 288, SFF 477, SSIP 1151; Strong blow, increased to bottom of bucked blow in 15 min. 2nd Flow: 5" blow and remained throughout. recovered 500' cut gassy water w/trace of oil, 480' slightly oil specked gassy water

DST #2 3395-3401' 45/45/45/45/ IH 1912, FH 1793, IF 44, FIF 46, ISIP 797, SIF 111, SFF 119, SSIP 775; 1st flow: 4" blow & remained, 2nd flow: 2" blow & remained. Recovered 120' 210' Clean gassy oil, 120' mud cut gassy oil

gas in pipe above fluid, 330' Total Flow

Estimated Production Per 24 Hours	Oil 12 Bopd.	Gas Bbls	Water 50 Bwpd.	Gas-Oil Ratio CFPB	Gravity ?

METHOD OF COMPLETION

Production Interval

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Percent Additives
Surface	12 1/2"	8-5/8"	23#	1227'	Howco Lite	200	
Production	7-7/8"	5 1/2"	14#	3397'	EA-2	75	2% gel 3% cc 75% CFR-2

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
none		500 gals. acid	bottom of hole

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 1/2"	3393'	no		

Date of First Production	Producing Method
4-26-85	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

MEFA

31-7-19W

Pc

DRILLER'S WELL LOG X

DATE COMMENCED: April 13, 1985
DATE COMPLETED: April 18, 1985

H K & W Oil Operations, Inc.
SCHOELLER #3
NW NE NE
Sec. 31, T7S, R19W
Rooks County, Ks.

ELEVATION: 1945 K.B.

0 - 173'	Surface Soil, Shale, Sand
173 - 176'	Hard Sand
176 - 598'	Shale & Sand Streaks
598 - 652'	Dakota Sand
652 - 2842'	Shale, Red Bed, Lime
2842 - 2888'	Lime
2888 - 2900'	Shale & Sand
2900 - 3100'	Lime
3100 - 3126'	Shale & Lime
3126 - 3356'	Lime
3356 - 3394'	Shale & Lime
3394 - 3401'	Dolomite
3401'	RTD

FORMATION DATA

Howard	2842'
Severy	2888'
Topeka	2900'
Heebner	3100'
Toronto	3126'
Kansas City	3140'
Base K.C.	3356'
Arbuckle	3394'
RTD	3401'

JUL 0 2 1985

State Geological Survey
WICHITA BRANCH

Surface Pipe: Set new 6-5/8",
23# pipe @1227' w/200 sacks
Howco Lite & 200 sacks 50/50
pozmix 2% gel 3% cc.

Production pipe: Set new
5 1/2", 14# @3397' w/75 sacks
EA-2 w/.75% CFR-2, 12#
Gilsonite per sack.

RECEIVED
STATE CORPORATION COMMISSION

JUN 17 1985

CONSERVATION DIVISION
Wichita, Kansas

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BOSTON) ss

Leonard Williamson of lawful age, does swear and state that the facts and statements
herein are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 29 day of April 1985.

My Comm. Expires:

4-29-86

Lois M. Haque
Notary Public