

15-167-21120-0001

167-2, 120-00-01

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 # 3007
Name Western Kansas Exploration, Inc.
Address 2700 Oak
P.O. Box 126
City/State/Zip Hays, Kansas 67601

Purchaser Koch Oil Co.

Operator Contact Person Stan Younger
Phone 913-628-2296

Contractor: License # 3007
Name Western Kansas Exploration, Inc.

Wellsite Geologist Randall Kilian
Phone 913-628-6061

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

If ONWO: old well info as follows:
Operator BMG, Inc.
Well Name Leiker # 1
Comp. Date 1-5-78 Old Total Depth 3347

WELL HISTORY

Drilling Method:
OWWO 5-9-87 Mud Rotary 5-15-87 Air Rotary Cable
12-28-77 1-5-78 6-3-87
Spud Date Date Reached TD Completion Date
3368 3365
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 303 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from 800 feet depth to Surface 150 SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 868

API NO. 15-167-21120-0001
County Russell
NW NW NE Sec. 30 Twp 14S Rge 15 East
4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Leiker-Schrant Well # 1

Field Name Alley West

Producing Formation Lansing 'C', Pleasanton

Elevation: Ground 1827 KB 1832

Section Plat

Grid showing well location on a section plat with coordinates 5280 to 330 on both axes.

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

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East 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 [Signature]
Title [Signature] Date 1-6-88

Subscribed and sworn to before me this 6th day of January 1988

Notary Public Karen Younger

Date Commission Expires 7-7-91

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)

KAREN YOUNGER
NOTARY PUBLIC
STATE OF KANSAS
My Not. Exp. 7-7-91

Form ACO-1 (5-86)
JAN 21 1988
01-21-88
CONSERVATION DIVISION
Wichita, Kansas

Sec 30 Twp 14 Rge 15 W

Operator Name Western Kansas Exploration, Inc. Lease Name Leiker-Schrant Well # 1

Sec. 30 Twp. 14S Rge. 15 East West County Russell

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
Topeka (lime)	2776'	2998'
Heebner (shale)	2998'	3002'
Toronto (lime)	3016'	3029'
Lansing KC (lime)	3051'	3267'
Pleasanton (sandy lime)	3275'	3293'
Cong. (sand)	3294'	3330'
Arbuckle (dolo)	3330'	RTD

CASING RECORD <input checked="" type="checkbox"/> New <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	7 7/8"	7"		303		135	
Production	6 1/2"	4 1/2"		3367		50	ASC

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3287-90, -82-83		750gal acid	
3209-10, 16-19		1,750gal acid	
3123			
3094		750gal acid	
3076			

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8				

Date of First Production	Producing Method
6-87	<input type="checkbox"/> Flowing <input checked="" 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
	40 Bbls ker	3 MCF	120 Bbls		CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

15-167-21120-00-01

Western Kansas Exploration, Inc.
2700 Oak St.
Hays, Kansas 67601

RE: LEIKER #1 OWWO
NW NW NE 30 T14S R15W
Russell County, KS.

Dear Stan:

The Leiker #1 OWWO was deepened by a cable tool rig commencing May 11, 1987, to a new total depth of 3368 (-1543 KB), and drilling was completed May 15, 1987. Production casing was then set to further test the well. The following is a Geological Report for this well:

OPERATOR: WESTERN KANSAS EXPLORATION, INC.

CONTRACTOR: Express Well Service Inc.

ELEVATION: 1825 K.B.

GEOLOGICAL SUPERVISION: 3350 to 3368 (New Hole)

DRILLING TIME: 3350 to 3365

SAMPLES: 3350 to 3365

PIPE RECORD: 7" @ 303' W/ 135 Sxs. 4½" @ 3368 W/ 50 Sxs.

OWDD ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
Arbuckle	3351-54	Dolomite; light gray, medium crystalline, poor porosity, oil stained to saturated, with fair show of free, gassy oil.

SUMMARY & RECOMMENDATION

The Leiker #1 is structurally the highest well in the local area. It appears that when the well was originally drilled, the wellsite geologist missed the Arbuckle on the electric log and at the wellsite. The samples that I examined when this well was drilled deeper indicate that the upper Arbuckle is worthy of testing. The electric log and drill time indicate there may be some porosity in the upper Arbuckle. I recommend that after a bond log is run, that if porosity is present, that this zone be tested through pipe before moving up the hole to other potential pay zones.

Respectfully,
Randy Kilian
Randall K. Kilian
1011 Fort St. Suite 213
Hays, KS. 67601

RECEIVED
STATE CORPORATION COMMISSION

FEB 08 1988

CONSERVATION DIVISION
Wichita, Kansas