

State Geological Survey
AFFIDAVIT AND ~~COMPLETION~~ ^{COMPLETION} FORM

6-18-3W

ACO-1

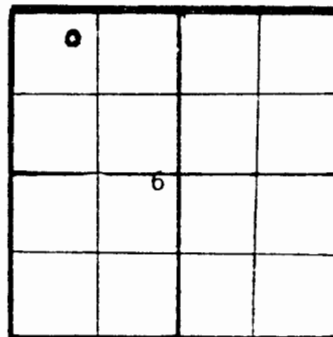
This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWD, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR Sierra Petroleum Co., Inc. API NO. 15-113-20,933 (-20932 KCC)
 ADDRESS P. O. Box 247 COUNTY McPherson
Wichita, Kansas 67201 FIELD Lindsborg
 **CONTACT PERSON Jack L. Yinger LEASE Landgren "A"
 PHONE 264-8394

PURCHASER National Cooperative Refinery Assn. WELL NO. 4
 ADDRESS McPherson, Kansas WELL LOCATION C NE NW NW
330 Ft. from North Line and
990 Ft. from West Line of
 the NW/4 SEC. 6 TWP. 18S RGE. 3W

DRILLING CONTRACTOR Target Drilling, Inc.
 ADDRESS 616 West Crawford
Salina, Kansas 67404

PLUGGING CONTRACTOR _____
 ADDRESS _____
 TOTAL DEPTH 3600' PBTD _____
 SPUD DATE 10-19-81 DATE COMPLETED 11/24/81
 ELEV: GR 1359DF1365 KB 1366



WELL PLAT
 (~~Quarter~~)
 or (Full)
 Section -
 Please
 indicate.

KCC
 KGS

DRILLED WITH (~~RAMM~~) (ROTARY) (~~AND~~) TOOLS
 Report of all strings set — surface, intermediate, production, etc. (New)/(Used) casing.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives	
Surface	17 1/2"	13-3/8"	48#	199'	Common	175	3% c.c.	
	12 1/4"	8-5/8"	23#	436'	Common	175	2% gel, 4% c.c.	
Production		5-1/2"		3599'	Common	125	10% salt	
							10 bbls salt flush ahead of cement.	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 per foot		3519 - 3521'
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
650 gallons 28% acid	Above perforations.

1607100
6-18-3W

Name of lowest fresh water producing stratum _____ Depth _____
 Estimated height of cement behind pipe _____ Surface _____

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Contractor's Well Log:				
Shale & Lime	0	2094	Mississippi	2935 (-1569)
Shale	2094	2117	Kinderhook	3173 (-1807)
Douglas Sand	2117	2150	Maquoketa	3393 (-2027)
Shale & Lime	2150	2350	Viola	3452 (-2027)
K. C. Lime	2350	2880	Simpson Sd	3518 (-2152)
Mississippi	2880	3173	Petro-Log Radiation Guar log.	
Kinderhook	3173	3393		
Maquoketa	3393	3453		
Viola	3453	3518		
Simpson	3518	3600		
No Drill Stem Tests.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick SS,

Jack L. Yinger OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS Agent FOR Sierra Petroleum Co., Inc.
 OPERATOR OF THE Landgren "A" LEASE, AND IS DULY AUTHORIZED TO MAKE THIS
 AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 4 ON SAID LEASE HAS
 BEEN COMPLETED AS SET FORTH IN THE ATTACHED REPORT.