

DESCRIPTION OF WELL AND LEASE

20-6-25W

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.

SIDE TWO

Operator Name Kiowa Exploration Lease Name LINDENMAN Well# 1 SEC. 20 TWP. 6S RGE. 25 ☐ East ☒ West

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	3483'	(- 903)
Heebner	3636'	(-1056)
Toronto	3660'	(-1080)
Lansing	3676'	(-1090)
Base Kansas City	3868'	(-1288)
LTD	3878'	

DST #1: 3693'-3715'; 30"-45"-30"-30"; Rec. 160' fluid: 10' clean oil (25° gravity, at 52°F), 30' heavy oil cut mud (60% oil, 40% mud); 60' oil & mud cut water (30% oil, 72% mud, 64% water); 60' oil & water cut mud (8% oil, 20% water, 72% mud); chlorides 21,000 PPM, mud chlorides 4,000 PPM; IFP - 16#-66#; ISIP - 1141#; FFP - 66#-82#; FSIP - 1011#; temperature 102°.

DST #2: 3728'-3770'; 30"-45"-30"-45"; weak to very weak blow; recovered 30' oil cut mud (3% oil, 97% mud); 1' free oil; IFP - 50#-50#; ISIP - 1255#; FFP - 60#-60#; FSIP - 1244#. D & A

Reached TD on 12-07-84.

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#	388'	Common	290	2% gel, 3% c

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth