

Form ACO-1
(This form supercedes
previous forms)

Operator Name Kiowa Exploration Lease Name SMITH Well# 1 SEC 29 TWP 12S RGE 33 ☐ 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

DST #1: 4254'-4325'; 30"-20"-20"-20"; weak blow - died; recovered 75' oil specked mud with 1 cup free oil on top of tool; IFP 33#-33#; ISIP 577#; FFP 33#-33#; FSIP 444#.

DST #2: 4554'-4610'; 30"-45"-20"-20"; weak blow initial opening; no blow second opening; recovered 10' of mud with few specks of oil; IFP 11#-11#; ISIP 122#; FFP 33#-33#; FSIP 44#

DST #3: 4612'-4680'; 30"-45"-45"-60"; weak blow throughout; recovered 15' oil cut mud (90% mud, 10% oil); IFP 33#-33#; ISIP 122#; FFP 44#-44#; FSIP 144.

Reached TD of 4764' on 1-10-85.

Name	Top	Bottom
Anhydrite	2619'	(+ 525)
Heebner	4042'	(- 898)
Toronto	4067'	(- 923)
Lansing	4083'	(- 939)
Base Kansas City	4379'	(-1235)
Marmaton	4418'	(-1274)
Pawnee	4514'	(-1370)
Fort Scott	4572'	(-1428)
Cherokee	4600'	(-1456)
Mississippi	4710'	(-1566)
LTD	4764'	

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"	23#	302'	60-40 poz.	225	2% gel, 3% c.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
TUBING RECORD size set at packer at				Liner Run ☐ Yes ☐ No			
Date of First Production	Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			
METHOD OF COMPLETION				PRODUCTION INTERVAL			
Disposition of gas: ☐ vented ☐ sold ☐ used on lease				☐ open hole ☐ perforation ☐ other (specify)			
				☐ Dually Completed. ☐ Commingled			