

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name LEIGHNOR "A" Well # 1HSec. 22 Twp. 34S Rge. 34
☐ East
☒ WestCounty SEWARD

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
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run: CCL-CBL-GR, DIL, SGR, CML-LDT.

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
B/STONE CORRAL	1656	
HERRINGTON	2634	
KRIDER	2658	
WINFIELD	2750	
TOWANDA	2807	
COUNCIL GROVE	3006	

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	680	PREM PLUS LT./ PREM PLUS	200/150	2%CC/ 2%CC,
PRODUCTION	7 7/8	5 1/2	15.5	3048	CLASS C / CLASS C	230/ 40	20%DCD, 2%CC, 1/4#/SX FLC/ 10%DCD, 2%CC, 1/4#/SX FLC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	2634-2650, 2664-2674	ACID: 1300GAL 115% FE HCL FRAC: 4500GAL 24# LNR GLD 2% KCL WTR & 3000# 40/70 SD. FRAC: 13000GAL 25# LNR GLD 2% KCL WTR & 25000# 20/40 SD.	2634-2650 & 2664-2674
2	2674-2694	NONE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	2761			
Date of First, Resumed Production, SWD or Inj. **	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		70	6		

Disposition of Gas: ** METHOD OF COMPLETION

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

Production Interval
☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other (Specify) _____2634-2694 (OA)

** WAITING ON PIPELINE

BIG A DRILLING

P.O. Box 1856

Liberal, KS. 67905-1856

316-624-1904

DRILLERS' WELL LOG

WELL NAME: Leighnor ALH
Section 23/34S/34W
Seward County, Kansas

COMMENCED: December 12, 1994

COMPLETED: December 17, 1994

OPERATOR: Anadarko Petroleum Corporation

Depth		Formation	Remarks
From	To		
0	1144	Sand & Redbed	Ran 17 jts. new 24# 8 5/8 csg. Set @ 679'
1145	1305	Glorietta Sand	Cement w/260 SX 75/25 Pozmix, 2% CaCL2
1306	2359	Redbed & Shale	+ 1/4 #/SK. Cellophane, tail w/150 SX
2360	3060	Lime & Shale	Common, 2% CaCL2 + 1/4 #/SK Cellophane Plug down @ 8:30 P.M. 12/12/94

Ran 74 jts. used 5 1/2 15.50# CSG set @ 3048, cement w/230 SX premium plus, 20% Diacel D, 2% CaCL2 + 1/4 # /SX-Flocele, tail w/40 SX. Premium plus, 10% Diacel D, 2% CaCL2 + 1/4 #/SX. Flocele. Plug down @ 9:15 A.M. 12/17/94. Rig released @ 10:15 A.M. 12/17/94

STATE OF KANSAS

COUNTY OF SEWARD

I, the undersigned, being duly sworn on oath, state that the above Drillers' Well Log is true and correct to the best of my knowledge and belief and according to the records of this office.

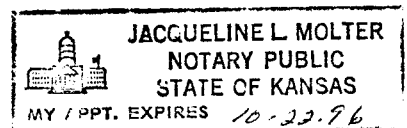
BIG A DRILLING, LC

William Heskett
William Heskett, Toolpusher

Subscribed & sworn to before me this

29th Day of December 1994

My Appointment Expires:

10-22-96

Jacqueline L. Molter