

SIDE TWO

Operator Name 4-D Petroleum Consultants Lease Name Mason Well # 4

East

County Pratt

Sec. 27 Twp. 29 Rge. 13 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3731'	-1838
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3924'	-2080'
Filed with first ACO-1 List All E.Logs Run: Gt.Guns-Dual Induction Compensated Porosity Sonic Bond Log		B/Kansas City	4312'	-2420'
		Marmaton	4318'	-2427'
		Mississippian	4379'	-2488'
		Kinderhook Shale	4415'	-2523'
		Viola	4481'	-2589'
		Simpson Shale	4598'	-2705'
		Simpson Sand	4610'	-2719'
		Arbuckle	4691'	-2800'
		Arbuckle 2nd break	4716'	2825'

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	10 1/4"	10 3/4"	32 #/ft.	270'	60/40poz	250	3%gel-3%CC
Production	7 7/8"	4 1/2"	10.5#/ft.	4760'	60/40poz	200	10%salt-.75% cd-31

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/spf	4209'-4211' & 3969'-3973'	500 gal. 15% NE per zone	

TUBING RECORD	Size 2.375"	Set At 4225'	Packer At none	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 11/3/91	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 6.0BPD	Gas Mcf 8MCF	Water Bbls. 0	Gas-Oil Ratio	Gravity 34.
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Disposition of Gas:

METHOD OF COMPLETION

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

Open Hole Perf. Dually Comp.
 Other (Specify)

Production Interval
4209'-3969'

ORIGINAL

Part of ACO-1

4-D Petroleum Consultants
Mason #4
27-29-13W
Pratt County, Ks.

Drill Stem Tests

DST #1 3962-3975' (L/KC) Mis-run, tool plugged w/ drill cuttings. Not re-tested.

DST #2 4195-4215' (L/KC) IF 107/107/30', ISIP 1440#/60', FF 107/107#/60',
FSIP 1387#/60" IH 2050#, HH 2050#.
Gas to Sfc. 20" Stab. 28,000 CFGPD.
Rec. 220' free oil, 37 gr., and 30' oil cut mud.

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Techn. Affairs