

SIDE TWO

Operator Name Hess Oil Company Lease Name Caruso Well # 1

Sec. 22 Twp. 15 Rge. 25 East West County Trego

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: 4340' - 4385' Miss.
 15-33-45-33. Strong blow through both flows. Rec. 330' free oil, 700' sl. muddy oil (86% oil, 12% mud, 2% water), 480' thin muddy oil (82% oil, 16% mud, 2% water), and 180' gas above fluid.
 IHP 2347, IFP 224-292, ISIP 1225, FFP 402-587, FSIP 1116, FHP 2309. Tmp 124.

Name	Top	Bottom
Anhydrite	1848	1886
Heebner	3727	
Lansing	3767	
Stark Shale	3998	4061 (KC)
Marmaton	4075	
Pawnee	4187	
Fort Scott	4260	
Cher. Shale	4294	
Miss. Lime	4361	
Miss. Dolo.	4375	
R.T.D.	4385	

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	118	0	5		40
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)

4370' - 4385'

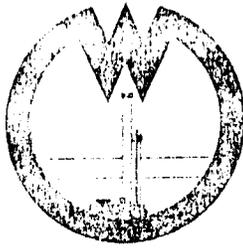
Report all strings set-conductor, surface, intermediate, production, etc.

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 Production	12 1/2"	8-5/8"	20#	207' 4370' and	60/40 Poz. 60/40 Poz. Econolite	35 100 250	2% gel, 3% CC 10% salt (Total 350)

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	none	none	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	4380'			

Date of First Production 8/6/87 Producing Method Flowing Pumping Gas Lift Other (explain).....



22-15-25W

WHITE

AND ELLIS DRILLING, Inc.

DRILLERS LOG

OPERATOR: Hess Oil Company, P. O. Box 905, McPherson, KS 67460

CONTRACTOR: White & Ellis Drilling, Inc., 401 E. Douglas, Suite 500, Wichita, Ks. 67202

Lease Name Caruso Well No. 1

Sec. 22 T. 15 S R. 25 W Spot N/2 SE SE

County Trego State Kansas Elevation _____

Casing Record:

Surface: 8 5/8" @ 207' with 135 sx. 2% Gel 3% CC

Production: 5 1/2" @ 4370' with 350 sx.

Type Well: Oil Well Total Depth 4385'

Drilling Commenced 7-21-87 Drilling Completed 7-27-87

Formation	From	To	Tops
Cellar	0	0	
Shale, Lime	7	4385	

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

NOV - 6 1987

RECEIVED
STATE CORPORATION COMMISSION

NOV 5 1987

CONSERVATION DIVISION
Wichita, Kansas