



Operator Name Quinoco Petroleum, Inc. Lease Name Teichmann Well # 8

Sec. 10 Twp. 22S Rge. 12  East  West County Stafford

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
DST #1: 3284-3331' : Rec 100' Md, 60' gassy oil specked mud (5% gas, 1% oil, 94% mud)			Name Hubner 3130 (-1276) Toronto 3151 (-1297) Douglas 3164 (-1310) Brown Lime 3261 (-1407) Lansing 3282 (-1428) Arbuckle 3627 (-1773)
DST #2: 3328-82" : Rec 45' gassy mud			
DST #3: 3405'-3465' : Rec only film of oil on tool			
DST #4: 3469-3504 : Rec 640' gas			
DST #5: 3627-3632 : Rec 205' (115' clean gassy oil, 30' gassy OCM, 60' GOWCM)			

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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 noz	250	3%cc, 2%gel
production	7 7/8	5 1/2	15.5	3775	60/40 noz &Howco lite	330	2%gel, 10% salt, flocele/sk
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3657-60			250 gal. 15% NE		3660	
4	3633-34			250 gal. 15% NE		3640	
4	3627-29			" " " "		3629	
TUBING RECORD		Size 2 7/8"	Set At 3751	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
12/4/89							
Estimated Production Per 24 Hours	Oil 18 bbls	Gas -0- MCF	Water 134 bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation 3627-3660  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

FEB 22 1990  
 CONSERVATION DIVISION  
 Wichita, Kansas



# PRIORITY

# ORIGINAL

ANALYTICAL LABORATORY, INC.

424 Greenwood • Wichita, Kansas 67211 • (316) 269-4200

15-(85-22618-000)

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 \*EXTENDED NATURAL GAS ANALYSIS\*  
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COMPANY NAME: GAS MEASUREMENT & CONSULTANT      LAB# 9623856  
 SAMPLE ID: PINNACLE-HOLLWOOD PETROLEUM  
 SETT #: LIECHMAN A-8 *Teichmann A-8*  
 COUNTY: STAFFORD      LEGAL LOCATION: 10-22-12  
 DATE SAMPLED: OCTOBER 23 1996      SAMPLER: BH  
 SAMPLE PRESSURE: 102      TEMPERATURE (F): 60  
 DATE ANALYZED: OCTOBER 25 1996  
 QUALITY CONTROL DATE: OCTOBER 25 1996

\*\*\*\*\*ANALYSIS\*\*\*\*\*CALCULATED AT 14.65 PSIA. AT 60 F\*\*NORMALIZED\*\*\*\*\*

HYDROCARBONS	MOLAL%	LIQUID VOLUME%	BTU AMOUNT	GPM
METHANE	67.04	68.51	674.98	0
ETHANE	4.5	7.26	79.38	0
PROPANE	2.64	4.39	66.22	.72
ISO-BUTANE	.4	.79	12.97	.13
NORMAL-BUTANE	.9	1.71	29.27	.28
ISO-PENTANE	.16	.35	6.38	.06
NORMAL-PENTANE	.22	.48	8.79	.08
3-METHYLPENTANE	*			
2,3-DIMETHYLBUTANE	*			
2-METHYLPENTANE	*			
CYCLOPENTANE	*			
NORMAL HEXANE	*			
HEXANES+	.26	.65	13.13	.11
NITROGEN	22.58	15	0	0
OXYGEN	.07	.04	0	0
CARBON DIOXIDE	.16	.16	0	0
HELIUM	1.07	.66	0	
HYDROGEN	TRACE (<.01)			

TOTALS\*\*\*\*\*      100      100      891.120001  
 1.38

BTU/FT<sup>3</sup> DRY (IDEAL GROSS): 891.120001  
 BTU/FT<sup>3</sup> SATURATED (IDEAL GROSS): 876.41  
 IDEAL SPECIFIC GRAVITY: .7252  
 COMPRESSIBILITY: .9979  
 GPM: 1.38  
 \*=COMBINED WITH HEXANES+

RESPECTFULLY SUBMITTED

*Shirley Foraker*

PRIORITY ANALYTICAL LAB