

SIDE TWO

Operator Name Pan Eastern Exploration Co. Lease Name Miller "O" Well # 1H

Sec. 9 Twp. 33 Rge. 38 County Stevens

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

Name	Top	Bottom
Shale-Redbed	0	615
Redbed-Shale	615	946
Shale-Redbed	946	1180
Glorietta Sand	1180	1341
Shale	1341	1685
Shale-Lime	1685	2835
TD	2835	

RELEASED

OCT 20 1988

FROM CONFIDENTIAL

CASING RECORD <input checked="" 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	24	614	75/25 Poz Common	215 150	2%cc + 1/4# cel 3%cc + 1/4# cel
Production	7 7/8	5 1/2	14	2833	20% DC-D 10% DC-D	200 40	2%cc + 1/4# cel 2%cc + 1/4# cel
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method <input 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 CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) Delayed
 Used on Lease Dually Completed
 Conmngled

GABBERT-JONES, INC.
WICHITA, KAS.

DRILLERS WELL LOG

MILLER O-1H
2310' FSL & 1320' FEL Sec. 9-33S-38W
STEVENS COUNTY, KANSAS

COMMENCED: 8-1-87

COMPLETED: 8-5-87

OPERATOR: PAN EASTERN EXPLORATION COMPANY

DEPTH	To	Formation	Remarks
0	615	Shale-Redbed	Ran 14 jts. of 24# 8 5/8"
615	946	Redbed-Shale	csg. set @ 614' w/215
946	1180	Shale-Redbed	sks 25/25 Posmix - 1/4# Floseal
1180	1341	Glorita Sand	2% CC - 150 sks Common
1341	1685	Shale	3% CC - 1/4# Floseal
1685	2835	Shale-Lime	PD @ 3:30 AM 8-2-87.
	2835 TD		Ran 69 jts. of 14# 5 1/2"
			csg. set @ 2833' w/
			200 sks Class C -
			20% Diecell D - 2% CC
			1/4# Floseal - 40 sks Class C
			10% Diecell D - 2% CC
			1/4# Floseal
			PD @ 8:30 AM 8-5-87.

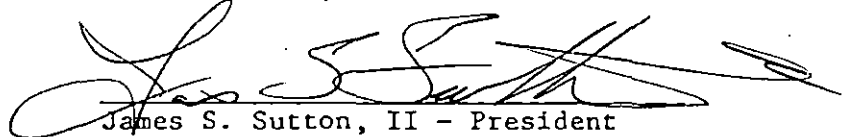
STATE OF KANSAS
RELEASED
SEP 23 1987
OCT 20 1988
FROM CONFIDENTIAL

STATE OF KANSAS)
)
COUNTY OF SEDGWICK) 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.


KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

SEP 24 1987

GABBERT-JONES, INC.


James S. Sutton, II - President

Subscribed & sworn to before me this 13th day of August 1987.


Lola Lenore Costa - Notary Public

My Commission expires 11-21-88