

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA BRANCH
CONFIDENTIAL

S. 12 T. 16S R. 21 E
Loc. E 1/2 of SW 1/4
County Miami

API No. 15 — 121 — 22,857
County Number

Operator Aegean Petroleum, Inc.

Address P. O. Box 24 Osawatomie, Kansas 66064

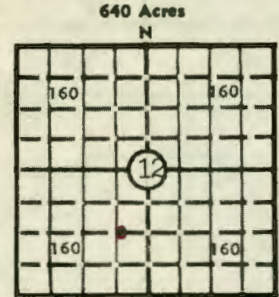
Well No. A-8 Lease Name Bengert

Footage Location 1320 feet from (QQ) (S) line 3240 feet from (QQ) (W) line

Principal Contractor C & M Drilling, Inc. Geologist Jim Stegeman

Spud Date 5-7-81 Date Completed 5-11-81 Total Depth 750' P.B.T.D.

Directional Deviation - Oil and/or Gas Purchaser La Jet



Released
Date: JUN 4 1982
FROM CONFIDENTIAL

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	8 1/2"	7"		21'	Portland A	96	4 sx 2% Prem. Gel
Production	6 1/4"	4 1/2"	10.5	737'			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			8 Holes = 1 per foot	3 1/2 Alum. Strip Jets	673-680
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
300 gal. 15% HCL, 1 gal. ea. D-4, SS-1, IS-1, I-1, ASA-1 (20 bbl)	673-680
frac sand 20/40 1500#, 10/20 2000#, 8/12 5000#, WG-5 100#,	
Breaker "F" 8#, 102 bbl wtr.	

INITIAL PRODUCTION

Date of first production 6-11-81	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS Oil 1.63 bbls. Gas MCF Water 1.97 bbls. Gas-oil ratio CFPB	Producing interval(s) Squirrel
Disposition of gas (vented, used on lease or sold) Vented	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Aegean Petroleum, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. A-8	Lease Name Bengert	oil
S 12 T 16S R 21 E W		

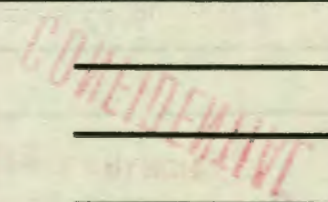
WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
soil	0	3		
clay	3	7		
lime	7	20		
shale	20	27		
lime	27	38		
shale	38	40		
lime	40	62		
shale	62	87		
lime	87	111		
shale	111	199		
lime	199	220		
shale	220	245		
lime	245	253		
shale	253	316		
lime	316	342		
shale	342	349		
lime	349	371		
shale	371	375		
lime	375	380		
shale	380	383		
lime	383	388		
shale	388	494		
sand	494	508		
shale	508	520		
sandy shale	520	528		
shale	528	552		
lime	552	560		
shale	560	589		
lime	589	598		
shale	598	611		
lime	611	616		
shale	616	621		
lime	621	640		
shale	640	656		
lime	656	660		
shale	660	668		
core	668	688		
shale and lime	688	698		
shale	698	750	TD	

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	
	Signature _____
	Title _____
	Date _____