

**KANSAS State Geological Survey**

**WELL COMPLETION REPORT AND DRILLER'S LOG**

**CONFIDENTIAL**

S. 31 T. 16S R. 22 E

AUG

API No. 15 — 121 County — 22,850 Number

Loc. SE $\frac{1}{4}$

County Miami

640 Acres

Operator Aegean Petroleum, Inc.

Address P. O. Box 24 Osawatomie, Kansas 66064

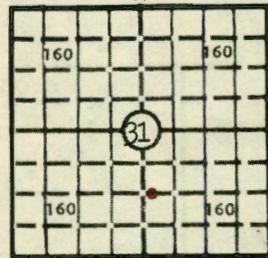
Well No. A-3 Lease Name Loomer

Footage Location 1320 feet from (N)  $\odot$  line 160 feet from  $\otimes$  (W) line

Principal Contractor Cox-Thompson Drilling Geologist Jim Stegeman

Spud Date 6-8-81 Date Completed 6-9-81 Total Depth 717' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser La Jet



Locate well correctly

Elev.: Gr.

**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 $\frac{1}{2}$ "	7"		21.5'	Portland A	89	4 sx 2% Prem. Gel
Production	6 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	10.5	706.94'			

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			16 Holes 1 per foot	3 $\frac{1}{2}$ " Alum. Strip Jets	629-644

**TUBING RECORD**

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. I-1, D-3, IS-1, SS-1, (20 bbl fluid)	629-644
frac sand 10/20 1500#, 8/12 2000#, 6/9 7500#, 200# WG-6, 12#	
Breaker "F", 176 bbl fluid	

**INITIAL PRODUCTION**

Date of first production <u>7-17-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>2.15</u> bbls. Gas <u>MCF</u> Water <u>6.79</u> bbls. Gas-oil ratio <u>CFPB</u>
Disposition of gas (vented, used on lease or sold) <u>Vented</u>	Producing interval (s) <u>Squirrel</u>

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-3	Lease Name Loomer	oil
S <u>31</u> T <u>16S</u> R <u>22</u> E <u>W</u>		

**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 and clay	0	5		
lime	5	8		
shale	8	21		
lime	21	33		
shale	33	35		
lime	35	38		
shale	38	59		
lime	59	74		
shale	74	174		
lime	174	193		
shale	193	227		
lime	227	235		
shale	235	251		
lime	251	264		
shale	264	281		
lime	281	283		
shaley lime	283	291		
shale	291	292		
lime	292	295		
limey shale	295	302		
lime	302	306		
shale	306	316		
lime	316	337		
black shale	337	339		
lime	339	342		
shale	342	348		
lime	348	353		
shale	353	517	Bottom of Hertha @ 353	
lime	517	525	slight oil show odor @ 370	
shale	525	532		
lime	532	535		
shale	535	557		
lime	557	562		
shale	562	578		
lime	578	582		
shale	582	596		
lime	596	598		
shale	598	612		
lime	612	616		
shale	616	633		
core point	633	653		

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

shale	Date Received	653	717 TD	
				Signature
				Title
				Date

CONFIDENTIAL