

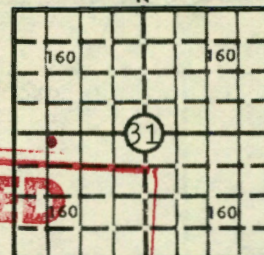
KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 121 —
CountyIMPORTANT
Kans. Geo. Survey request
samples on this well.22,479
Number WICHITA BRANCHsamples sent in previously
(June 1981)

S. 31 T. 16R. 22 E W

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

County Miami

640 Acres
N

Locate well correctly

Elev.: Gr.

DF

KB

Operator

Aegean Petroleum, Inc.

Address

P. O. Box 24 Osawatomie, Ks. 66064

Well No.

#A-2

Lease Name

Hollinger

Footage Location

160

feet from (N) line

680

feet from (W) line

Principal Contractor

T. D. Corporation

Geologist

Jim Stegeman

Spud Date

3/16/81

Date Completed

3/18/81

Total Depth

781'

P.B.T.D.

APR 30 1982

FROM CONFIDENTIAL

Directional Deviation

—

Oil and/or Gas Purchaser

La Jet

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
Production	6 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	10.5	771.23	Portland A	106	4 sx Prem. Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			23 Holes = 2 per foot	3 $\frac{1}{2}$ " Alum. Strip Jets	685-696
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
400 gal. 15% HCL, 1 gal. ea. I-1, D-4, IS-1, SS-1 (30 bbl)	685-696
frac sand 20/40 1000#, 10/20 2000#, 8/12 4000#, WG-5 100#	
Breaker "F" 8# (100 bbl fluid)	

INITIAL PRODUCTION

Date of first production 4-10-81		Producing method (flowing, pumping, gas lift, etc.) Pumping			
RATE OF PRODUCTION PER 24 HOURS		Oil 2.87 bbls.	Gas MCF	Water 5.79 bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Vented			Producing interval (s) Squirrel		

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 trans-
mitted 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-2	Lease Name Hollinger	Oil
S 31 T 16S R 22 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
Clay	7	7		
Lime	3	10		
Sandstone	16	26		
Lime	7	33		
Shale	6	39		
Lime	11	50		
Gray Shale	12	62		
Lime	17	79	Oil and gas show 93'	
Shale	23	102		
Lime	14	116		
Shale	98	214		
Lime	18	232		
Limey Shale	10	242		
Shale	14	266		
Lime	7	273		
Shale	6	279		
Limey Shale	15	294		
Lime	12	306		
Limey Shale	15	321		
Lime	10	331		
Limey Shale	4	335		
Lime	14	349		
Shale	3	352	Gas and oil show 353'	
Limey Shale	3	355		
Lime	22	377		
Limey Shale	2	379		
Shale	2	381		
Lime	6	387		
Limey Shale	4	391		
Lime	4	395	bottom of hertha @ 395'	
Limey Shale	4	399		
Shaley Lime	18	417		
Limey Shale	21	438		
Shale	64	502		
Lime	1	503		
Shale	55	558		
Limey Shale	6	564		
Lime	5	569		
Shale	6	575		

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

Date Received	Signature
	Title
	Date

Operator

page 2

31-16-226
DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: *oil*

Aegean Petroleum, Inc.

Well No.

A-2

Lease Name

Hollinger

Oil *oil*S 31 T 16S R 22 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
Lime	3	578		
Shale	22	600		
Limey Shale	8	608		
Shale	15	623		
Lime	4	627		
Shale	4	631		
Limey Shale	25	656		
Lime	1	657		
Limey Shale	2	659		
Lime	4	663		
Shaley Lime	4	667		
Limey Shale	11	678		
Lime	5	683		
Sandy Lime	4	687		
Core to	20	707		
Limey Shale	23	730		
Lime	1	731		
Limey Shale	42	773		
Shale	4	777		
Limey Shale	4	781 TD		

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

Date Received

Signature

Title

Date