

State Geological Survey

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 009 — 21,727 ✓
County Number

Operator

Arrowhead Petroleum, Inc.

Address

Box 8287 Munger Station Wichita, Kansas 67208

Well No.

#1

Lease Name

Esfeld

Footage Location

1650 feet from (N) ~~SE~~ line1650' feet from ~~SE~~ (W) line

Principal Contractor

Big Springs Drilling Stephen R. Powell

Geologist

Spud Date

10-13-79

Date Completed

10-19-79

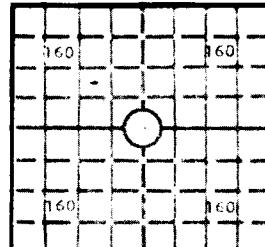
Total Depth

3372'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

640 Acres
N

Locate well correctly

Elev.: Gr. 1863

DF 1865 KB 1862

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	10 1/4	2 1/2		2991'		1255x	
Production	7 1/8	4 1/2		3308'			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at		AP	3215-3225
2 3/8	3258.45'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
200 gal 15% acid	3215-3225
3,000 gal 20% acid	3215-3225

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
12-11-79	Pumping			

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
	10		30	

Disposition of gas (vented, used on lease or sold)	Producing interval(s)

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

H. F. Petroleum Co.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Well No.

H-1

Lease Name

O.1

S 6 T 16 S R 11 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

Anhydrite	275		
Tankwa	2915		
Rhmont	2476		
Howard	2613		
TOP RKA	2650		
ST. CLAIR	2732		
TORONTO	2753		
Fountain	2942		
Brownline	3025		
HANSING	3041		
R.V.C.	3301		
GR. GRANITE	3302		
ARBUCKLE	3362		
TD	3392		

DST H-1 3210-3325

30-45-60-45

Strong bottom

ISIP	954
LESIT	925
IFP	29.36
FFP	44.59

REC. 700' GIP
130' above con

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

Date Received

Dr. Shultz

Signature

Vice President

Title

1/11/80

Date

8E6915

6-16-11W

BIG SPRINGS DRILLING, INC.

SUITE 29 • 400 NORTH WOODLAWN • (316) 681-1732

P.O. BOX 8287
MUNGER STATION
WICHITA, KANSAS 67208

October 25, 1979

DRILLERS LOG

Re: Esfeld # 1
NW SE NW
Sec. 6- Twp 16- Rq 11W
Barton County, Kansas

OPERATOR: Arrowhead Petroleum, Inc.
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 10-13-79
COMPLETED: 10-19-79

State Geological Survey
WICHITA BRANCH

Surface Pipe: 299' of 8 5/8" w/175 sx Common 2% gel 3% ^{RECEIVED} _{COMMISSION}

0	299	Sand, Shale, and Clay
299	745	Clay and Shale
745	780	Anhydrite
780	1440	Shale
1440	2921	Shale and Lime
2921	3372	Lime
3372		RTD

STATE ^{RECEIVED} COMMISSION
OCT 26 1979
CONSERVATION DIVISION
WICHITA, KANSAS

We certify that the above and foregoing is a true and correct copy
of the log on the # 1 Esfeld located in Barton County, Kansas.

BIG SPRINGS DRILLING, INC.

Paul A. Seymour, Jr.

Subscribed and sworn to before me this 25th day of October, 1979.

Ruth M. Bassett
Ruth M. Bassett Notary Public

My Commission Expires:

May 30, 1983