

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 077 — 20,530 ✓
County Number

Operator

Wells Energy Co.

Address

700 S. Colorado Blvd., Suite 454 Denver, Colo 80222

Well No.

#1

Lease Name

Dirks

Footage Location

480' FNL & 2310' FWL

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

H-30, Inc.

Geologist

Eldon J. Schierling

Spud Date

7/12/79

Date Completed

8/13/79

Total Depth

4456'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

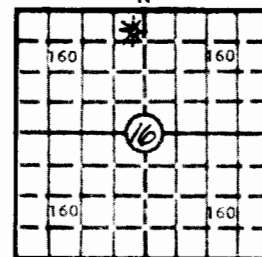
S. 16 T. 31 R. 9

Loc. 480' FNL & 2310' FWL NW

County Harper

640 Acres

N



Locate well correctly

Elev.: Gr. 1694'

DF 1700' KB 1702'

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
Surf.	12 1/4"	8 5/8"	24#	250'	Com. 3% CaCl ₂	225	
Prod.		4 1/2"	10.5#	4441'	50-50 POZ	125	

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
2 3/8"	4443'	N/A

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac-384 bbl. 65% quality foam, 9000# sn.	4441' - 4456'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	310 MCF	27.84 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Well not yet tied in			4441' - 4456'		

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		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 1	Lease Name Dirks	Gas		
S 16 T 31 S R 9 ^F 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
DST #1 - 4440-4451, 30"-60"-45"-90", Rec. 65' very heavy mud, IFP=1226#, ISIP=1226#, FFP=1226#, FSIP=1226# DST #2 - 4440-4456 (Miss), 30"-60"-45"-90", Rec. 180' GCM, 60' th GCWM Final Flow 81.6 MCFD/5" 63.3 MCFD/10" 57.7 MCFD/20", stabilized thru 45' IFP=126#-126#, FFP=137#-158#, ISIP=1217#, FSIP=1217#			Heebner Lansing B/Kansas City Mississippian	3532-1830 3742-2040 4254-2552 4438-2736
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Owner Title 1/2/80 Date			

COMPANY Wells Energy Company

SEC. 16 T. 31S R. 9W
LOC. 530' FNL & 2310' FWL

FARM Dirks

NO. 1

COUNTY Harper

ROTARY TOTAL DEPTH 4,456'

COMM. July 11, 1979

COMP. July 21, 1979

CONTRACTOR H-30, Inc. (Rig #5)

ISSUED July 27, 1979

CASING

10 3/4"

8 5/8" Set at 250' cemented w/225 sxs cement

5 1/2"

4 1/2" Set at 4,440' cemented w/125 sxs cement

ELEVATION 1,703' K.B.

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed and Shale

270'

Shale

906'

Shale and Lime

2,071'

Lime and Shale

2,345'

Shale and Lime

2,540'

Sand and Shale

2,605'

Lime and Shale

3,050'

Shale and Lime

3,275'

Lime and Shale

3,716'

Shale and Lime

3,880'

Lime

4,020'

Lime and Shale

4,185'

Shale and Lime

4,297'

Lime

4,433'

Shale and Lime

4,475'

Lime

4,456'

Rotary Total Depth

4,456'

I hereby certify the above and foregoing to be
a true and correct log of the above described
well as shown by the drilling reports.

H-30, INC.

Dean Britting
Dean Britting

State of Kansas

County of Sedgwick

ss:



WELLS ENERGY CO

700 So. Colorado Blvd., Suite 454, Denver, Colorado 80222
303-759-5525

16-31-94
16-3-94

Wells Energy Co.

Dirks Well #1

Elev. = 1694 GL

Spud 7/12/79

8 5/8" CSA 250'

1700 KB

DST #1 4440'-51' - Tool plugged

DST #2 4440'-56' (Miss) - 30"-60"-45"-90"

GTS 29" - 58 MCFD, Rec. 180' GCM, 60' GCWM

IFP = 126#-126#, ISIP = 1217#,

FFP = 137#-158#, FSIP = 1217#

Set 4 1/2" csg. at 4441' w/125 sx.

C.O. to TD 4456', A/500 gal., Frac w/384 bbl. foam, 8500# Sn.
Well flowed 300 MCFD, 1 BFPH (5% oil)

Tops - Hbnr	3532 (-1830)
Lnsq	3740 (-2038)
B/KC	4255 (-2553)
Miss	4438 (-2736)

RECEIVED
STATE CORPORATION COMMISSION

AUG 24 1988

CONSERVATION DIVISION
Wichita, Kansas

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

AUG 25 1988