

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 185 — 21,196  
County Number

Operator

Dakota Resources, Inc.

Address

2900 Security Life Bldg. Denver, Colo 80202

Well No.

#74-4

Lease Name

Heyen

Footage Location

2310 feet from (N) (X) line 990 feet from (E) (V) line

Principal Contractor

Allen Drilling Co.

Geologist

Wayne Lebsack

Spud Date

1/13/81

Date Completed

3/25/81

Total Depth

3930

P.B.T.D.

3840

Directional Deviation

N/A

Oil and Gas Purchaser

Kansas Power &amp; Light

## 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	--	8-5/8"	28#	277	50/50 pos.	265	2% gel, 3% cc
Production	--	4-1/2"		3918	50/50 pos.	150	10% salt, 3/4% of 1% C.F.R. 2

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3 shots/ft.	SS B Jet	3810-13 & 3820-28
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	3834				

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
A/ 250 gal. NE 15	3810-28 Gross

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
Not yet connected.		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	IPF 1,350 MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
To be sold.			Viola		

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.

IMPORTANT

Kans. Geo. Survey request  
sample on this well.State Geological Survey  
WICHITA, BRANCH

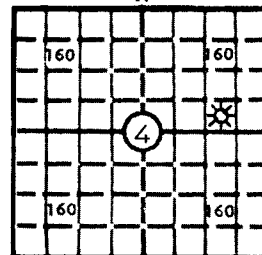
S. 4 T. 24 R. 12 W

Loc. C SW SE NE

County Stafford

640 Acres

N



Locate well correctly

Elev.: Gr. 1878

DF KB 1883

Operator Dakota Resources, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 74-4	Lease Name Heyen	Gas
S <u>4</u> T <u>24</u> R <u>12</u> <sup>K</sup> / <sub>W</sub>		

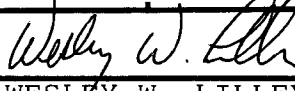
### WELL LOG

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 3806-3828  Open 10", Closed 20" Open 60", Closed 30" GTS 1 minute; stabilized @ 2,190 MCFG/D after 25". I.C.I.P. 893 F.C.I.P. 856 F.P. 300/315; 338/338  Rec. 90 GCM			Heebner Toronto Brown Lime Lansing Base K.C. Viola	3285 3302 3432 3462 3736 3806

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

Date Received	
	WESLEY W. LILLEY <small>Signature</small>
	VICE PRESIDENT <small>Title</small>
	JUNE 9, 1981 <small>Date</small>

DRILLER'S WELL LOG

4-24-12W

DATE COMMENCED: 1/13/81  
DATE COMPLETED: 1/19/81

Dakota Resources, Inc.  
HEYEN No. 74-4  
SW SE NE Sec. 4-24S-12W  
Stafford County, KS

DUPLICATE

State Geological Survey  
WICHITA, BRANCH

ELEVATION: K.B.

FORMATION DATA

Anhydrite

Anhydrite

TIGHT HOLE

Wayne Lebsack, Geologist

SURFACE PIPE:

Set 8-5/8" 28# used casing  
@ 277' w/ 265 sks pozmix,  
2% gel, 3% c.c. did circ.

PRODUCTION PIPE:

Ran 96 jts. 4 1/2" @ 3918',  
Tally 3924.27',  
w/ 150 sks 50/50 pozmix,  
10% salt, 3/4% of 1% C.F.R. 2  
Preceded w/ 20 bbl. salt flush

A F F I D A V I T

STATE OF KANSAS )  
COUNTY OF BARTON ) ss.

Joe Gerritzen, of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Joe Gerritzen