



SIDE TWO

Operator Name CINCRIS ENERGY COMPANY, INC Lease Name NEWELL Well# 2 SEC 31 TWP 24 RGE 11  East  West

WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Name Top Bottom

DST #1 3517-3565 45/45/45/45  
 HP 1836-1790, FP 52-95, 105-116  
 SIP 975-995 REC 20 GCM, 240 OGCM

HEEB 3301  
 BR LM 3447  
 LKC 3478  
 KIND 3806  
 KIND CHT 3861  
 RTD 3910  
 LTD 3909

DST #2 3682-3710 45/45/45/45  
 HP 1890-1847, FP 21-85, 105-127  
 SIP 943-912 REC 250 MW.

DST #3 3862-3872 30/30/30/30  
 HP 1974-1942 FP 85-105, 130-148  
 SIP 530-530 REC 130 GCM  
 GAUGE 687 MCFGD

RAD-GRD LOG

TUBING RECORD size 2 7/8 set at packer at N/A Liner Run  Yes  No

Date of First Production 12-3-85 Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	<u>10</u> Bbls	<u>700</u> CAOF MCF	<u>50 %</u> Bbls		

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION  open hole  perforation  other (specify)

PRODUCTION INTERVAL LKC, MISS

SURFACE PRODUCTION	<u>12 1/4</u> <u>7 7/8</u>	<u>8 5/8</u> <u>5 1/2</u>	<u>24</u> <u>14</u>	<u>2.52</u> <u>3909</u>	<u>60/40 P02</u> <u>60/40 P02</u>	<u>1.75</u> <u>150</u>
--------------------	-------------------------------	------------------------------	------------------------	----------------------------	--------------------------------------	---------------------------

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
<u>1</u>	<u>3863-73</u>	<u>NATURAL</u>	
<u>1</u>	<u>3550-55</u>	<u>1500 GAL 15% ACID</u>	

*End* 31-24-11W

DRILLERS' LOG

COMPANY: Cincris Energy Company, Inc. WELL NAME: Newell #2  
 CONTRACTOR: Mallard Drilling DESCRIPTION: SW SE NW  
 P. O. Box 905 Sec. 31-24-11W  
 McPherson, Kansas 67460 API #185-22,245  
 Stafford County

TOTAL DEPTH: 3910' ELEVATION:  
 COMMENCED: October 26, 1985 COMPLETED: November 2, 1985

\*\*\*\*\*

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, shale	0	3080
Shale, lime	3080	3565
Lansing	3565	3836
Kinderhook	3836	3872
Shale, lime	3872	3910 T.D.

RECORDED  
 STATE CORPORATION COMMISSION  
 JAN 27 1986  
 CONSERVATION DIVISION  
 WICHITA, KANSAS

JAN 29 1986  
 Geological Survey  
 WICHITA BRANCH

\*\*\*\*\*

Ran 6 joints new 8 5/8" x 24# x 252.48' casing. Set at 260.98' w/ Ld. Jt. Cement w/ 175 sx 60/40 Poz., 3% c.c., 2% gel. P.D. at 12:15 a.m. 10-26-85. Cement did not circ. Cement 15' down.

Ran 95 joints 5 1/2" x 14# x 3934'. Set at 3909'. Shoe jt. 12.6'. Cement w/ 150 sx 60/40 Poz., 10% salt. Land plug w/ 1300#, released and held. 11:48 p.m. 11-2-85.

STATE OF KANSAS )  
 ) SS:  
 COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, certify that this is a true and correct copy of the log of the well.