

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-135,23,617-0000

LEASE NAME Harkness

WELL NUMBER 1

660 Ft. from S Section Line

1650 Ft. from E Section Line

SEC. 27 TWP. 20 RGE. 23 (E) or (W)

COUNTY Ness

Date Well Completed 11-21-91

Plugging Commenced 11-21-91

Plugging Completed 11-21-91

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Bird Energy, Inc.

ADDRESS P.O. Box 1612 Dodge City, KS 67801

PHONE# (316) 227-6041 OPERATORS LICENSE NO. 6574

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 11-81-91 (date)

by Case Morris (KCC District Agent's Name).

Is ACO-1 filed? Yes If not, Is well log attached? _____

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4390

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
						DEC 23 1991 12-23-1991

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.

Bottom Plug: @ 1460' w/50 sacks cement thru drill pipe

Next Plug: @ 680' w/60

15 sacks in Rat Hole

Top Plug: @ 40' w/10

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929

Address P.O. Box 823 great Bend, KS 67530

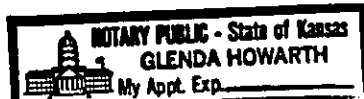
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Bird Energy, Inc.

STATE OF Kansas COUNTY OF Ford, ss.

Louis S. Bird, president (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Louis S. Bird

(Address) Box 1612, Dodge City, Ks. 67801



SUBSCRIBED AND SWORN TO before me this 17th day of December, 19 91

Glenda Howarth
Glenda Howarth Notary Public

My Commission Expires: 10-29-94

DRILLER'S WELL LOG

DATE COMMENCED: November 13, 1991
DATE COMPLETED: November 21, 1991

Bird Energy, Inc.
HARKNESS #1
C E/2 SW SE
Sec. 27, T20S, R23W
Ness County, Ks.

0 - 434' Surface Soil, Sand, Clay, Shale
434 - 886' Shale
886 - 1125' Sand
1125 - 1418' Shale
1418 - 1454' Anydrite
1454 - 2206' Shale & Lime
2206 - 3725' Lime & Shale
3725 - 4378' Lime
4378 - 4390' Chert & Lime
4390' RTD

ELEVATION: 2222' K.B.

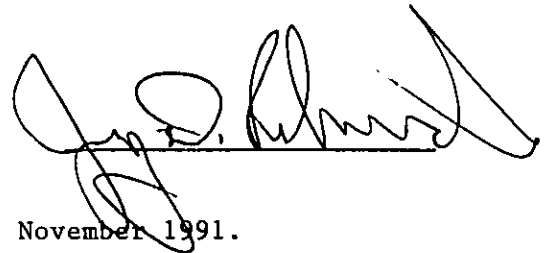
DEC 23 1991

Surface Pipe: Set new
8-5/8", 25# pipe @645'
w/260 sacks 60/40 pozmix
2% gel 3% cc.

A F F I D A V I T

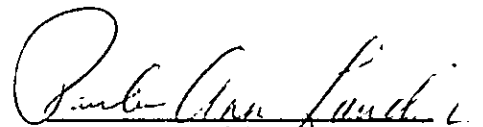
STATE OF KANSAS
COUNTY OF BARTON) ss

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



Subscribed and sworn to before me this 25th day of November 1991.

12-11-91


Notary Public