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11-21
API NUMBER 15- 135-23,617-0000

To: STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

E/2 SW SE, SEC. 27, T 20 S, R 23 W/E
660 feet from S section line
1650 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 6574
Operator: Bird Energy, Inc.
Name: _____
Address: P.O. Box 1612
Dodge City, KS 67801

Lease Name Harkness Well # 1
County Ness 142.67
Well Total Depth 4390 feet
Conductor Pipe: Size _____ feet
Surface Casing: Size 8 5/8 feet 645

Abandoned Oil Well _____ Gas Well _____ Input Well _____ SWD Well _____ D&A X
Other well as hereinafter indicated _____

Plugging Contractor Duke Drilling Company, Inc. License Number 5929
Address 310 W. Central, Wichita, KS 67202

Company to plug at: Hour: 11 a.m. Day: 21 Month: 11 Year: 19 91

Plugging proposal received from Jay Schneider
(company name) Duke Drilling (phone) 316-267-1331

were: to fill hole with heavy mud and spot cement through drill pipe Anhydrite 1402-50'
1st plug at 1460' with 50 sx cement,
2nd plug at 680' with 60 sx cement,
3rd plug at 40' with 10 sx cement,
4th plug to circulate rathole with 15 sx cement.

Plugging Proposal Received by Case Morris (TECHNICIAN)

Plugging Operations attended by Agent?: All _____ Part X None _____

Operations Completed: Hour: 12:30 p.m. Day: 21 Month: 11 Year: 19 91

ACTUAL PLUGGING REPORT 1st plug at 1460' with 50 sx cement,
2nd plug at 680' with 60 sx cement,
3rd plug at 40' with 10 sx cement,
4th plug to circulate rathole with 15 sx cement.

RECEIVED
NOV 26 1991

Remarks: Used 60/40 Pozmix 6% gel 1/2# floseal by Allied.
(If additional description is necessary, use BACK of this form.)

INVOICED (If possible) observe this plugging.

Signed: [Signature] (TECHNICIAN)

DATE 12-9-91
INV. NO. 34044

FOR KCC USE:

EFFECTIVE DATE: 10-21-91

DISTRICT #

SEAT, Yes No

FORM C-1 7/91

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED

State of Kansas

135-23,617-0000

NOTICE OF INTENTION TO DRILL

Must be approved by the K.C.C. five (5) days prior to commencing well

Expected Spud Date November 1, 1991

Spot C-E/2 SW SE, Sec 27, Twp 20 S, Rg 23, East West

OPERATOR: License # 6574
Name: BIRD ENERGY, INC.
Address: P. O. Box 1612
City/State/Zip: Dodge City, Kansas 67801
Contact Person: Louis S. Bird
Phone: 316/227-6041

660 feet from South Meek line of Section
1650 feet from East Meek line of Section
IS SECTION X REGULAR IRREGULAR

CONTRACTOR: License # 5929
Name: DUKE DRILLING CO., INC.

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Ness
Lease Name: Harkness Well #:
Field Name: Reinert

Well Drilled For: Well Class: Type Equipment:
X Oil Enh Rec Infield X Mud Rotary
Gas Storage X Pool Ext. Air Rotary
OVDW Disposal Wildcat Cable
Seismic: # of Holes Other

Is this a Prorated/Spaced Field? yes X no
Target Formation(s): Ft. Scott, Miss.
Nearest lease or unit boundary: 330'
Ground Surface Elevation: 2215 feet MSL

If OVDW: old well information as follows:
Operator:
Well Name:
Comp. Date: Old Total Depth

Water well within one-quarter mile: yes X no
Public water supply well within one mile: yes X no
Depth to bottom of fresh water: 280'
Depth to bottom of usable water: 570'

Directional, Deviated or Horizontal wellbore? yes X no
If yes, true vertical depth:
Bottom Hole Location:

Surface Pipe by Alternate: X 1 2
Length of Surface Pipe Planned to be set: 695'
Length of Conductor pipe required: None
Projected Total Depth: 4400'
Formation at Total Depth: Mississippian

Exp. 4/16/92
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.

Water Source for Drilling Operations:
X well farm pond other
DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zone:

RECEIVED NOV 26 1991 AFFIDAVIT

590' Alt. I Req.

Pusher Jerry SPUD DATE 11-29-91 INIT. SM
LENGTH SURFACE PLANNED 620

RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.

RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 8 3/4" @ 245 CONDUCTOR
ANHYDRITE T-1402 B-1450 ELEVATION

TD 4390 FORMATION
RAN PIPE @ DV TOOL ALT II DONE
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 1460 Ft. W/ 50 SX
1/2 Base Anyh. @ 680 Ft. W/ 60 SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ Ft. W/ SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ SX

WATER WELL SX (Irr. Well Pond
TECHNICIAN DATE 11-18-91
TYPE OF CEMENT 6440 67. 1/4# F.S.

STARTING TIME 11: (AM/PM) DATE 11-21-91
COMPLETION TIME 12:30 (AM/PM) DATE 11-21-91
CEMENT COMPANY Actual