

To: 1551705
STATE CORPORATION COMMISSION
CONSERVATION DIVISION - PLUGGING SECTION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202

8-4

API NUMBER 15-135-23,763-0000
App. NE NE NW, SEC. 32, T 19 S, R 24 W/4
4840 feet from S section line
3080 feet from E section line

TECHNICIAN'S PLUGGING REPORT

Operator License # 7076
Operator: Black Diamond Oil, Inc.
Name & Address 1105 E. 30th St., Ste. A
Hays, KS 67601

Lease Name Harkness Well # 1
County Ness
Well Total Depth 4450 ^{ft} 144.6 ^{ft}
Conductor Pipe: Size _____ feet
Surface Casing: Size 8 5/8 feet 217

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

Plugging Contractor Emphasis Oil Operations License Number 8241
Address P.O. Box 819, Russell, KS 67665-0819

Company to plug at: Hour: 4 p.m. Day: 4 Month: 8 Year: 19 93

Plugging proposal received from Tom Alm
(company name) Emphasis Oil Operations (phone) 913-483-3518

were: to fill hole with heavy mud and spot cement through drill pipe Anhydrite 1610-44'
1st plug at 1640' with 50 sx cement, 2nd plug at 800' with 80 sx cement,
3rd plug at 230' with 40 sx cement, 4th plug at 40' with 10 sx cement,
5th plug to circulate rathole with 15 sx cement,
6th plug to circulate mousehole with 10 sx cement.

Plugging Proposal Received by Richard Lacey
(TECHNICIAN)

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

Operations Completed: Hour: 5:45 p.m. Day: 4 Month: 8 Year: 19 93

ACTUAL PLUGGING REPORT 1st plug at 1640' with 50 sx cement,
2nd plug at 800' with 80 sx cement,
3rd plug at 230' with 40 sx cement,
4th plug at 40' with 10 sx cement,
5th plug to circulate rathole with 15 sx cement,
6th plug to circulate mousehole with 10 sx cement.

RECEIVED
STATE CORPORATION COMMISSION
AUG 10 1993

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

I (xxx / did not) observe this plugging.

INVOICED
DATE _____
INV. NO. 38367

Signed Richard Lacey
(TECHNICIAN)

EFFECTIVE DATE: 7-20-93

DISTRICT # 1
SEAT Y-1

State of Kansas
NOTICE OF INTENTION TO DRILL 135-23,763-0002

FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED

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

Expected Spud Date July 19, 1993
month day year

Spot Approx.
NE NE NW Sec 32 Twp 19 S. Rg 24 X East West

OPERATOR: License # 7076 ✓
Name: Black Diamond Oil, Inc.
Address: 1105 E. 30th Street, Suite A
City/State/Zip: Hays, KS 67601
Contact Person: Kenneth Vehige
Phone: (913)-625-5891

4840 feet from South / North line of Section
3080 feet from East / West line of Section

IS SECTION X REGULAR IRREGULAR?
(NOTE: Locate well on the Section Plat on Reverse Side)

CONTRACTOR: License # 8241 ✓
Name: Emphasis Oil Operations

County: Ness
Lease Name: Harkness Well # 1

Field Name: the Hair NW
Is this a Prorated/Spaced Field? yes X no

Target Formation(s): Mississippi
Nearest lease or unit boundary: 440'

Ground Surface Elevation: Est. 2320 feet MSL
Water well within one-quarter mile: yes X no

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

Public water supply well within one mile: yes X no
Depth to bottom of fresh water: 250' 302'

Depth to bottom of usable water: 760'
Surface Pipe by Alternate: 1 X 2

Length of Surface Pipe Planned to be set: (250') 200'
Length of Conductor pipe required: N/A

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

Projected Total Depth: 4500'
Formation at Total Depth: Mississippi

Water Source for Drilling Operations:
... well X farm pond other

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

DWR Permit #:
Will Cores Be Taken?: yes X no
If yes, proposed zone:

Exp. 1/15/94

AFFIDAVIT

200' Alt. II Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq.
It is agreed that the following minimum requirements will be met:

Pusher Tom Alum
SPUD DATE 7-26-93 INIT. SLB

LENGTH SURFACE PLANNED 200'
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbbls. when done bbbls.

RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 2 1/2" @ 217' CONDUCTOR
ANHYDRITE T- 1410 B-1674 ELEVATION

TD 4450' FORMATION

RAN PIPE @ SX DV TOOL SX ALT II DONE Y N
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ Ft. W/ SX
Anhydrite Base @ 1640 Ft. W/ 66 SX
1/2 Base Anyh. @ 800 Ft. W/ 80 SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 230 Ft. W/ 40 SX
40' Plug @ 40 Ft. W/ 16 SX
RAT HOLE CIRC/W 15 SX MOUSE HOLE W/ 10 SX

WATER WELL SX (Irr. Well Pond)
TECHNICIAN KAC DATE 8-4-93 Hauling

TYPE OF CEMENT ABG
STARTING TIME 8:00 (AM/PM) DATE 8-4-93
COMPLETION TIME 8:45 (AM/PM) DATE 8-4-93
CEMENT COMPANY ALLCO

6/14/90 @ 9/12/91 1/4 Field