

WELL PLUGGING APPLICATION FORM
(PLEASE TYPE FORM and File ONE Copy)

API # 15-069-20,254-000 (Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR NORTHLAND ROYALTY OPERATING COMPANY KCC LICENSE # 03637
(owner/company name) (operator's)
ADDRESS 3030 Fourth Avenue North CITY Billings,
STATE Montana ZIP CODE 59101 CONTACT PHONE # (406) 259-5400
LEASE MILLER WELL# 8-17 SEC. 17 T. 24S R. 30W (East/West)
- SE - SE - NE SPOT LOCATION/XXXX COUNTY Gray

2310 FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)
330 FEET (in exact footage) FROM E/W (circle one) LINE OF SECTION (NOT Lease Line)

Check One: OIL WELL GAS WELL D&A SWD/ENHR WELL DOCKET# _____
CONDUCTOR CASING SIZE -- SET AT _____ CEMENTED WITH _____ SACKS
SURFACE CASING SIZE 8-5/8" SET AT 366' CEMENTED WITH _____ SACKS
PRODUCTION CASING SIZE -- SET AT _____ CEMENTED WITH _____ SACKS

LIST (ALL) PERFORATIONS and BRIDGEPLUG SETS: --
ELEVATION 2882' KB T.D. 4990' PBTD -- ANHYDRITE DEPTH _____
(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD POOR CASING LEAK JUNK IN HOLE
PROPOSED METHOD OF PLUGGING per KCC recommendations

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? yes IS ACO-1 FILED? herewith
If not explain why? Will furnish with ACO-1

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:
ALLEN DRILLING COMPANY PHONE# () 316/793-3582
ADDRESS P.O. Box 1389, City/State Great Bend, KS 67530

PLUGGING CONTRACTOR ALLEN DRILLING COMPANY KCC LICENSE # 5418N 20 1994
(company name) (contractor's)
ADDRESS P.O. Box 1389, Great Bend, KS 67530 PHONE # () 316/793-3582

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) Completed 11/28/93, 4:30 AM

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT
DATE: 01/17/94 AUTHORIZED OPERATOR/AGENT: Shunda Oakley
(signature)

FOR KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 11-12-93

State of Kansas 15-069-20,254-0000

FORM MUST BE TYPED
FORM MUST BE SIGNED

NOTICE TO DRILL DIST #1
five (5) days prior to commencing well

ALL BLANKS MUST BE FILLED SCA? Yes. No Must be approved by the K.C.C.

Expected Spud Date November 15th 1993
month day year

Spot SE1 SE2 NE1 Sec 17 Twp 24 S. Rg 30 West

OPERATOR: License # 03637
Name: Northland Royalty Operating Company
Address: 3030 Fourth Avenue North
City/State/Zip: Billings, Montana 59101
Contact Person: Joe Glennon/Pete Sheehan
Phone: (406) 259-5400

2310' feet from South / North line of Section
330' feet from East / West line of Section
IS SECTION X REGULAR IRREGULAR?

CONTRACTOR: License #: #5418
Name: Allen Drilling

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Gray
Lease Name: Miller Well #: 8-17
Field Name:

Well Drilled For: Well Class: Type Equipment:
X Oil ... Enh Rec .X Infield .X Mud Rotary
... Gas ... Storage ... Pool Ext. ... Air Rotary
... OWWO ... Disposal ... Wildcat ... Cable
... Seismic: 1 # of Holes ... Other
If OWWO: old well information as follows:
Operator: ...
Well Name: ...
Comp. Date: ... Old Total Depth

Is this a Prorated/Spaced Field? ... yes X no
Target Formation(s): Morrow
Nearest lease or unit boundary: 330'

Ground Surface Elevation: 2851' feet MSL
Water well within one-quarter mile: ... yes X no
Public water supply well within one mile: ... yes X no

Directional, Deviated or Horizontal wellbore? ... yes X no
If yes, true vertical depth: N/A
Bottom Hole Location:
Exp. 5/12/94

Depth to bottom of fresh water: 2800'
Depth to bottom of usable water: 1250'
Surface Pipe by Alternate: .X. 1 2
Length of Surface Pipe Planned to be set: 300'

Length of Conductor pipe required: N/A
Projected Total Depth: 4900'
Formation at Total Depth: Morrow

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

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

Water for drilling to be provided by
AFFIDAVIT drilling contractor. 300' Alt. II Req.

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with 55-101, et. seq.

Pusher A bonds
SPUD DATE 11-16-93 INIT. mls
LENGTH SURFACE PLANNED 300'
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 8 7/8 @ 266 CONDUCTOR
ANHYDRITE T-2046 B-2065 ELEVATION
TD 4990 FORMATION
RAN PIPE @ DV TOOL ALT II DONE
SX SX Y N
Arbuckle Plug @ Ft. W/ SX
Hug./Council @ 3220 Ft. W/ 100 SX
Anhydrite Base @ 2100 Ft. W/ 50 SX
1/2 Base Anyh. @ 1300 Ft. W/ 50 SX
1/2, 1/2 Plug @ Ft. W/ SX
Bottom Surface @ 400 Ft. W/ 50 SX
40' Plug @ 40 Ft. W/ 10 SX
RAT HOLE CIRC/W 5 SX MOUSE HOLE W/ SX
WATER WELL SX (Irr. Well Pond
Hauling
TECHNICIAN CM DATE 11-24-93
TYPE OF CEMENT
STARTING TIME 6:20 (AM/PM) DATE 11-28-93
COMPLETION TIME 4:30 (AM/PM) DATE 11-28-93
CEMENT COMPANY Allied

RECEIVED
STATE CORPORATION COMMISSION
NOV 30 1993
OIL & GAS DIVISION
Wichita, Kansas