

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

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

API NUMBER 15-071-20653-0000

LEASE NAME Atna

WELL NUMBER 1

1329 Ft. from S Section Line

1313 Ft. from E Section Line

SEC. 22 TWP. 20 RGE. 40 (E) or (W)

COUNTY Greeley

Date Well Completed N/A

Plugging Commenced 3:39AM/10-25-

Plugging Completed 6:40AM/10-25-

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

LEASE OPERATOR Horseshoe Operating, Inc.

ADDRESS 500 West Texas, Suite 1190

Midland, TX 79701

PHONE#(915) 683-1448 OPERATORS LICENSE NO. 4894

Character of Well D & A

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

The plugging proposal was approved on 10-24-96 (date)

by Steve Durrant (KCC District Agent's Name).

Is ACO-1 filed? _____ If not, is well log attached? No

Producing Formation Winfield Depth to Top 2805 Bottom 2825 T.D. 2843

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
		272	0	8 5/8"	272"	0

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.
Cent w/205 sx 60/40 POZ - 6% gel - 1/4# flocelex pumped down drill pipe,
1st plug 50 sx from 2425' to 2200', 2nd plug 80 sx from 1350' to 1150', 3rd
50 sx from 300' to 200', 4th from 40' to surface, 15 sx rathole and 10sx
mouse hole.

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

Name of Plugging Contractor Dowell License No. _____

Address P. O. Box 4378, Houston, TX

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Horseshoe Operating, Inc.

STATE OF Kansas COUNTY OF Seward, ss.

Terry W. Maxwell, agent (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) Terry W Maxwell

(Address) P. O. Box 800, Liberal, KS

67905

SUBSCRIBED AND SWORN TO before me this 18 day of November, 1996

Donda D. Maxwell
Notary Public

My Commission Expires: 12-13-96



KCC USE:

FORM C-1 7/91

EFFECTIVE DATE: 7-13-96

State of Kansas

FORM MUST BE TYPED
FORM MUST BE SIGNED

DISTRICT # 1

NOTICE OF INTENTION TO DRILL 071-20,653-0000 ALL BLANKS MUST BE FILLED

SGA? Yes, No

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

Expected Spud Date 8 10 96 APPROX Spot C SE/4 Sec 22 Twp 20 S, Rg 40 East West

OPERATOR: License # 4894
Name: Horseshoe Operating, Inc.
Address: 500 W. Texas, Suite 1190
City/State/Zip: Midland, TX 79701
Contact Person: S. L. Burns
Phone: (915) 683-1448

1329 feet from South/North line of Section
1313 feet from East/West line of Section
IS SECTION X REGULAR IRREGULAR?

(NOTE: Locate well on the Section Plat on Reverse Side)
County: Greeley

Lease Name: Atna Well #: #1
Field Name: Bradshaw

Is this a Prorated Spaced Field? X yes no
Target Formation(s): Winfield

Nearest lease or unit boundary: 1313
Ground Surface Elevation: 3571.6 feet MSL

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: 230'
Depth to bottom of usable water: 1320'

Surface Pipe by Alternate: 1 X 2
Length of Surface Pipe Planned to be set: 350'

Length of Conductor pipe required:
Projected Total Depth: 3000'

Formation at Total Depth: Winfield
Water Source for Drilling Operations:

well farm pond X other

CONTRACTOR: License #: 30606
Name: Murfin Drilling Company

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

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

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

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

Exp. 1/8/97

AFFIDAVIT

250' 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 Tully Medina
SPUD DATE 10-21-96 INIT. KS
LENGTH SURFACE PLANNED 260'
RESERVE PIT STATUS- REMOVE FLUID LINED
after salt sect. bbls. when done bbls.
RATHOLED AHEAD? Y N SIZE HOLE
SURFACE PIPE 2 1/2" @ 272' CONDUCTOR
ANHYDRITE T- B-2422 ELEVATION
FD 2843 FORMATION Winfield
RAN PIPE @ DV TOOL ALT II DONE SX Y N SX
Arbuckle Plug @ Ft. W/ SX
Bug./Council @ Ft. W/ SX
Anhydrite Base @ 2422 Ft. W/ 50 SX
1/2 Base Anyh. @ 1320 Ft. W/ 80 SX
1/2, 1/2 Plug @ 1350 Ft. W/ SX
Bottom Surface @ 320 Ft. W/ 50 SX
40' Plug @ 10 Ft. W/ 10 SX
RAT HOLE CIRC/W 1/2 SX MOUSE HOLE W/ 10 SX
WATER WELL SX (Irr. Well Pond Hauling)
TECHNICIAN Sy DATE 10-24-96
TYPE OF CEMENT 60/40 60/60 DATE 10/25/96
STARTING TIME 3:39 (AM/PM) DATE 10/22/96
COMPLETION TIME 7:00 (AM/PM) DATE 10/22/96
CEMENT COMPANY Dowell