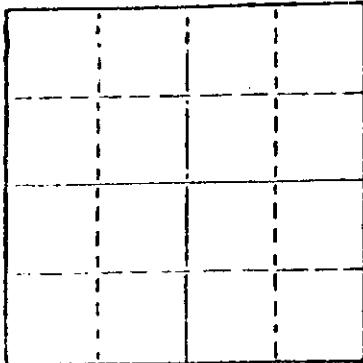


STATE OF KANSAS
STATE CORPORATION COMMISSION

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Locate well correctly on above
Section Plot

Name of Conservation Agent who supervised plugging of this well Gilbert Balthazar
Producing formation Depth to top Bottom Total Depth of Well 5175'
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

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 for each plug set.

T.D. 5175'Set 1st Plug @ 750' with 70 sx.Set 2nd Plug @ 240' with 20 sx.Set 3rd Plug @ 40' Solid Bridge with 10 sx.Rathole with 5 sx., 50-50 posmix, 6% gel.Plug was down @ 9:00 p.m., 2/15/81.State Plunger - Gilbert Balthazar.

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

Name of Plugging Contractor Abercrombie Drilling, Inc.

STATE OF Kansas COUNTY OF Sedgwick, ss.
Jack L. Partridge, Asst. Sec./Treas. (employee of owner) or (owner or operator)
of the 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 and that the same are true and correct. So help me God.

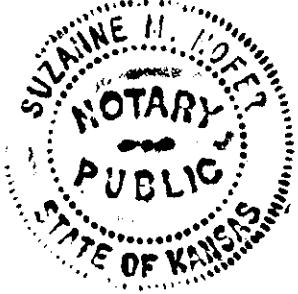
(Signature)

Jack L. Partridge801 Union Center, Wichita, KS 67202

(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of February, 1981Suzanne M. Hayes

Notary Public.

My commission expires 2/4/85

FEB 20 1981
2-20-81
CONSERVATION DIVISION
LAWRENCE, KANSAS

CONTRACTOR'S WELL LOG

15101205086000

OPERATOR: Ben Hogan
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: DeWERFF #1
 LOCATION: SW SE, Section 18-19S-27W
 Lane County, Kansas
 SPUD DATE: 2/04/81
 COMPLETION DATE: 2/15/81

0	197	Clay & Shale
197	2055	Sand & Shale
2055	2100	Anhydrite
2100	2593	Sand & Shale
2593	4222	Shale
4222	5008	Lime
5008	5175	Lime & Chert
	5175	Rotary Total Depth

Spud hole @ 11:00 a.m., 2/04/81. Drilled 289' of a 12 $\frac{1}{4}$ " hole. Ran 7 jts. of 8 5/8" - 20# casing (tally 280.55) Set @ 286' K.B. Cemented with 190 sx. of common 2% gel, 3% c.c. Cement did circulate. Plug was down @ 6:30 p.m., 2/04/81.

T.D. @ 5175'. LTD @ 5177'. Set 1st Plug @ 750' with 70 sx., Set 2nd Plug @ 240' with 20 sx. Set 3rd Plug @ 40' Solid Bridge with 10 sx. Rathole with 5 sx. 50-50 posmix, 6% gel. Plug was down @ 9:00 p.m., 2/15/81. State Plagger - Gilbert Balthazar.

SAMPLE TOPS:

Anhydrite 2058'
 B/Anhydrite 2086'

STATE OF KANSAS)
) SS
 COUNTY OF SEDGWICK)

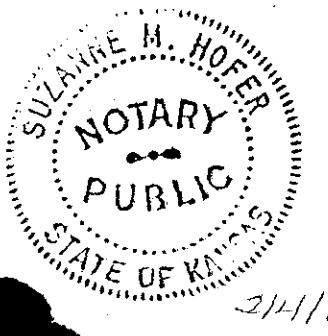
Jack L. Partridge, Assistant Secretary/Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the DeWERFF #1, SW SE, Section 18-19S-27W, Lane County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge
 Jack L. Partridge, Asst. Sec./Treas.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 19th day of February, 1981.

Suzanne M. Hofer
 Suzanne M. Hofer, Notary Public



2-20-81

ABERCROMBIE DRILLING, INC.

801 UNION CENTER
WICHITA, KANSAS 67202

DeWERFF #1 (Rig #6)
SW SE
Section 18-19S-27W
Lane County, Kansas

OPERATOR: Ben Hogan
CONTRACTOR: Abercrombie Drilling, Inc.
ELEVATION: G.L. 2730'

Ben Hogan
Hogan & Leonard Oil Company
Box 11276
Ft. Worth, TX 76110
817-921-2661

Page 1

API #15-101-20,508-0000

2/04/81 Moving in and rigging up. Deviation 1472' -

2/05/81 Spud @ 11:00 a.m., 2/04/81. Drilled 289' of a 12 $\frac{1}{4}$ " hole. Deviation 1010' -
Ran 7 jts. of 8 5/8" - 20# casing (tally 280.55) Set @ Deviation 1958' -
286' K.B. Cemented with 190 sx. of common 2% gel, 3% c.c. Deviation 2395' -
Cement did circulate. Plug was down @ 6:30 p.m., 2/04/81. Deviation 3006' -
Drilled the plug @ 2:45 a.m., 2/05/81. @ 7:00 a.m. drilling
@ 680'.

2/06/81 Drilling @ 2378'.

2/07/81 Drilling @ 3031'. Visc. 31, Mud Wt. 9.1, pH 8.0, Chl. 25,000, Solids 6.6%, LCM 2#, Acc. Mud Cost \$1441.55.

2/08/81 Drilling @ 3435'. Visc. 36, Mud Wt. 9.0, pH 7.5, Chl. 16.000, Solids 4.6%.

2/09/81 Drilling @ 3915'. Visc. 42, Mud Wt. 9.4, pH 8.0, WL 22.4, Chl. 14,000, Solids 6.6%, Acc. Mud Cost \$4498.28.

2/10/81 @ 4257' start out for DST #1. Mud Wt. 9.5, Visc. 49, WL 11.0, pH 10.5, Salt 11,000, Solids 6.4%, Daily Mud Cost \$2105.10, Acc. Mud Cost \$6603.35.

2/11/81 Drilling @ 4330'. Visc. 54, Mud Wt. 9.3, pH 9.5, WL 18, Chl. 11,000, Solids 8.5%, Daily Mud Cost \$49.35, Acc. Mud Cost \$6652.70.

2-12-81 @ 4449' stuck pipe. Pipe stuck @ 3:45 p.m. 2-11-81
Spotted oil, soaked pipe for 1 hour. Pipe wouldn't come loose, increase strokes on pump to 10 spm, have good circulation. Visc. 51, mud weight 9.4, ph. 11, water loss 14.8, chloride, 14,000, solids 7.6%, daily mud cost \$933.55, accumulated mud cost \$7,646.25.

2/13/81 Drilling @ 4768'. Bit #3. Visc. 59, mud weight 9.2, water loss 10.4, ph. 11.5, chloride 9,000, solids 6% daily mud \$956.16, accumulated mud \$8693.70.

2/14/81 Drilling @ 4845'. Mud Wt. 9.0, Visc. 52, WL 11.2, pH 11.5, Salt 10,000 ppm. Solids 7%, Daily Mud Cost \$277.85, Acc. Mud Cost \$8971.55.

2/15/81 @ 5175', waiting on loggers. Visc. 48, Mud Wt. 9.3, pH 11, WL 12.8, Chl. 8,000, Solids 6.5%, LCM 1#, Daily Mud Cost \$136.80, Acc. Mud Cost \$9108.35.

2/16/81 @ 5175' T.D. LTD 5177'. Set 1st Plug @ 750' with 70 sx., 2nd Plug @ 240' with 20 sx. Set 3rd Plug @ 40' Solid Bridge with 10 sx. Rathole with 5 sx. 50-50 posmix, 6% gel. Plug was down @ 9:00 p.m., 2/15/81. State Plugger - Gilbert Balthazor.

SAMPLE TOPS:

Anhydrite 2058
B/Anhydrite 2086

TYPE

NOTICE OF INTENTION TO DRILL

C-1

MI-1991

TO BE FILED WITH THE STATE CORPORATION COMMISSION
PRIOR TO COMMENCEMENT OF WELL

API Number

(For office use only)

15-101-20,508-0000

1. Operator Ben Hogan

Starting Date Feb. 4, 1981

Address P.O. Box 11276 Fort Worth, TX 76110

County Lane

2. Contractor Abercrombie Drilling, Inc.

Sec. 18 Twp. 19 S Rge. 27W E W

Address 801 Union Center Wichita, KS 67202

Spot Location SW SE

3. Type of Equipment: Rotary Cable Tool

4. Well to be Drilled for: Oil Gas

Disposal Input Other

5. Depth of Deepest Fresh Water within 1 mile 150 ft.

6. Depth of Municipal Water Well within 3 miles None ft.

7. Depth to Protect all Fresh Water 550 ft.

8. Amount of Surface Casing to be set 250 ft.

9. Alternate No. 1 No. 2

Nearest Lease Line 660 ft.

Lease Name De Werff

Well No. #1

Est. Total Depth 5025 ft.

REMARKS:

FEE-1-28-81
PC #13001

OPERATOR STATES THAT HE WILL COMPLY WITH K. S. A. 55-128

MAILED

Signature of Operator

Jack L. Partridge

OB

JAN 30 1981
1-30-81
COMMUNICATIONS DIVISION
KANSAS, KANSAS