

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

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

15-135-21240-0000

API NUMBER 8-25-76

LEASE NAME Thornburg "L"

WELL NUMBER #1

1310 Ft. from S Section Line

640 Ft. from E Section Line

SEC. 3 TWP. 16S RGE. 26E (K) or (W)

COUNTY Ness

Date Well Completed 8-25-76

Plugging Commenced 10-25-93

Plugging Completed 10-25-93

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

LEASE OPERATOR Vintage Petroleum, Inc.

ADDRESS 4200 One Williams Center, Tulsa, OK 74172

PHONE# (918) 592-0101 OPERATORS LICENSE NO. 013122

Character of Well Oil

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

The plugging proposal was approved on June 8, 1993 (date)

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

Is ACO-1 filed? YES If not, is well log attached? NO

Producing Formation Mississippian Depth to Top 4500 Bottom 4520 T.D. 4590

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
Mississippi		4505	09	4 1/2"	4589'	-
Mississippi		4516	20			

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 plug were used, state the character of same and depth placed, from feet to feet each set
First plug set CIBP at 1300', tested casing to 300 lbs. Second plug perforated casing at 1150', pumped 160 % cement maximum pressure 1200 psi and shut in 30 psi. Third plug hooked onto backside and pumped in 215 SX cement maximum pressure 350 psi and shut-in 155 psi. Used 60/40 Pozmix 6% gel. no casing recovery.

Name of Plugging Contractor Halliburton License No. 5287

Address P.O. Box 951046, Dallas, TX 75395-1046

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Vintage Petroleum, Inc.

STATE OF Oklahoma COUNTY OF Tulsa, ss.

Rebecca Sanford (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 the same are true and correct, so help me God.

DEC 6 1993

HAYS, KS

(Signature) Rebecca Sanford

(Address) 4200 One Williams Ctr., Tulsa, OK 74172

SUBSCRIBED AND SWORN TO before me this 3rd day of December, 19 93

Shelley A. Wilson
Notary Public

My Commission Expires: 4.9.95

USE ONLY ONE SIDE OF EACH FORM

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5287
DEC 16 1993
12-16-93
CONSERVATION DIVISION
Wichita, Kansas

15:13S:21240 0000

ATTACHMENT NO. 1

Proposed Method of Plugging

1. Prove 4 1/2" casing integrity to 1150'.
2. Perforate squeeze holes at 1150'.
3. Pump 80 sacks cement through squeeze holes at 1150' and leave 4 1/2 casing full of cement.
4. Pump 200 sacks cement down 4 1/2" X 8 5/8" annulus.
5. Cut-off 4 ft below ground level.

Mr. Steve Durant with the Kansas Corporation Commission, Dodge City, Kansas, approved a P & A procedure which includes the above with Neil Pfannenstiel on June 8, 1993.

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15-135-21240-0000

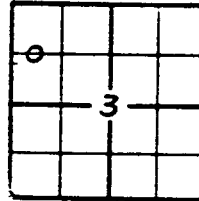
DONALD C. SLAWSON

408 120 BUILDING
WICHITA, KANSAS
PHONE FO 3-3201

GEOLOGIC REPORT LOG

COMPANY DONALD C. SLAWSON
JCR

API 15-135-21,240



WELL #1 THORNBURG-2"

FIELD JUDICA WEST

PRODUCTION:

LOCATION C W/2 NW

ELEVATION: KB 2587

SEC. 3 TWP. 16 S RGE. 26 W

DF 2584

GL 2582

COUNTY NESS

Drilling Measured From: K.B.

STATE KANSAS

Samples Saved From: 500 To TD

Drilling Time From: 3500 To TD

OPERATOR: DONALD C. SLAWSON

Samples Examined From: 3500 To TD

CONTRACTOR: SLAWSON DRIG - Rig #3

Geological Supervision From 3950 To Total Depth

COMM: 8-7-76 COMP. 8-15-76

Wellsite Geologist: RALPH RUWWE

CASING RECORD

Electrical Surveys: GR-N; 11

SURF: 1" @ 308 PROD: 4 1/2" @ 4589

Acoustic-Caliper

TOTAL DEPTH DRILLERS: 4590

(DRESSER-ATLAS)

TOTAL DEPTH LOG: 4593

FORMATION TOPS & STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
ANHYDRITE	2024	2026	+561	-1
LEEBNER	3852	3853	-1266	-8
ANSING	3893	3895	-1308	-9
STARK	4134	4136	-1549	-4
SEE KC	4196	4199	-1612	-1
CHEROKEE	4386	4386	-1799	+1
CHEROKEE	4417	4420	-1833	-1
CONGLOMERATE	4471	4469	-1887	-23
MISSISSIPPIAN	4497	4500	-1913	-23
MISS LIME	4522	4525	-1938	-23
SAGE	4568	4566	-1979	-23
TOTAL DEPTH	4590	4593	-2006	-23

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CONSERVATION DIVISION
Wichita, Kansas

REFERENCE WELL FOR STRUCTURE SLAWSON #1 NELSON "2"

Sec 3-16s-26w (Producers 1/2 m. south)