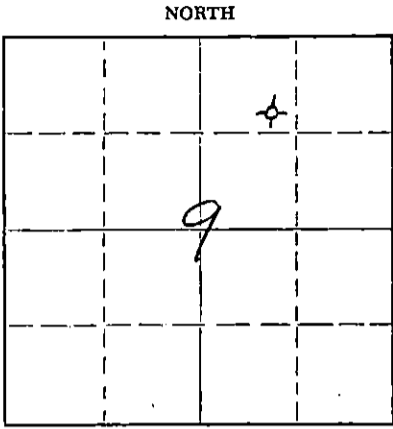


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

Stafford County. Sec. 9 Twp. 25 Rge. 11 (W)
Location as "NE/CNWxSWx" or footage from lines SE/4 NW/4 NE/4
Lease Owner Thos. H. Allan & Heathman Oil
Lease Name Vogel Well No. 1
Office Address 925 Union Center, Wichita 2, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed September 21 19 57
Application for plugging filed " 23 19 57
Application for plugging approved " 23 19 57
Plugging commenced " 24 19 57
Plugging completed " 24 19 57
Reason for abandonment of well or producing formation Dry Hole



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production _____ 19 ____
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well R. M. Brundage
Tested formation Lansing Depth to top 3523 Bottom 3530 Total Depth of Well 4130 Feet
Show depth and thickness of all water, oil and gas formations.

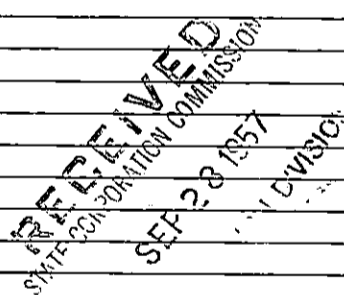
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8	210'	None
				5 1/2	4128'	2857'

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.

- 3607 - Top of Lane Well Plug
- 3607 - 3510 Gravel
- 3510 - 3480 5 sacks of cement
- Cut casing @ 2835 - Pulled 2857' of Casing
- 3480 - 225 Heavy Rotary Mud
- 225 - 175 Rock Bridge & 20 sacks of cement
- 175 - 50 Mud
- 50 - Surface Rock Bridge & 5 sacks of cement



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

Name of Plugging Contractor Thos. H. Allan
Address 925 Union Center, Wichita 2, Kansas

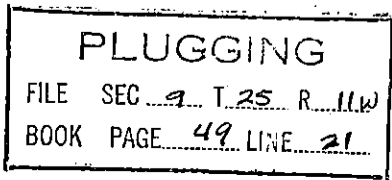
STATE OF KANSAS COUNTY OF SEDGWICK, ss.
Thos. H. Allan (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Thos. H. Allan
925 Union Center, Wichita 2, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 27th day of September, 19 57

Osie M. Stewart
Notary Public.

My commission expires June 14, 1958



8 5/8" @ 210' - 175 Sx. Circ.
5 1/2" @ 4128' - 150 Sx. - Pulled 2857'

ALLAN & HEATHMAN - #1 VOGEL
SE NW NE 9-25-11W
Stafford County, Kansas
COMM: 8/8/57 COMPL: 9/24/57
CONTRACTOR: Tom Allan
ELEV: 1808 RB

I.P. Abandoned

All Depths From Rotary Bushings

0 - 20 Sandy Soil
105 Coarse Sand
210 Red Beds
550 Red Shale
570 Anhydrite
1075 Shale
1300 Salt & Shale
1430 Shale
1680 Anhydrite
2000 Lime & Shale
2200 Shale
2300 Lime
2700 Shale
2800 Lime
2940 Shale
3020 Lime
3030 Shale
3257 Lime
3261 Black Shale
3265 Lime
3271 Shale
3285 Lime
3418 Shale & Sdy. Sh
3425 Brown Lime
3449 Shale
3468 Lime
3470 Shale
3486 Lime
3516 Shale & Lime
3558 Lime
3560 Shale
3585 Lime
3588 Shale
3597 Lime
3605 Shale
3658 Lime
3664 Shale
3690 Lime
3700 Shale
3716 Lime
3752 Shale & Shells
3760 Shale
3777 Cherty congl.
3789 White Chert
3824 Lime
3908 Shale
3925 Lime
4010 Cherty Lime
4026 Lime
4045 Green Shale

4052 Sdy. Shale
4095 Shale
4130 Dolomite
Drill Stem Tests
#1 - 3471-3485 - 90 Min.
190' of gas - 57' S.O&GC Mud
B.H.P. 30 Min. - 368#
#2 - 3524-3550 - 60 Min.
Gas to surface in 10 Min.
45' HO&GC Mud - 60' Emulsion
600' Muddy Oil - 50' Free Oil
10' Water
B.H.P. 30 Min. - 1033#
#3 - 3590-3610 - 60 Min.
28' Mud with oil spots
B.H.P. 30 Min. - 41#
#4 - 3910-3916 - 90 Min.
Gas to surface, 10 Min.
35' S.O&GC Mud
B.H.P. 30 Min. - 548#
#5 - 3916-3922 - 30 Min.
12' Mud
B.H.P. 30 Min. - 0#

Schlumberger log 2 ft. shallower than
time log
CHANGED TO CABLE TOOLS
Temperature Survey - Top Cement 3360
Plugged back to 3932 (Schlumberger Meas.)
Perforated 46 holes 3907-3913 (S M)
Bailed 5 gal. Muddy Water with G.S.O./hr.
Acid - 500 gal., 40# Max.
Swab Test - 1 3/4 bbl. Oil & 10 bbl.
Water/day
Gas Pressure - 100# 30 Min.
Apx. 171 MCF/day
Plugged back to 3607 (S M)
Perforated 49 holes 3523-3530
Bailed 10 gal. Oil & 10 gal. Water/hr.
500 gal. Acid - 280# Max. Pressure
Swab Test ending 18 bbl. Oil & 6 bbl.
Water/6 hours
1500 gal. Acid on vacuum
Swabbed 10 bbl. Oil & 14 bbl. Water/4th
8 hours

RECEIVED
COMMISSION
OCT 10 1957
CONSERVATION DIVISION

PLUGGING
FILE SEC. 9 T. 25 R. 11W
BOOK PAGE 49 LINE 21

ALLAN & HEATHMAN - #1 VOGEL
SE. NW NE 9-25-11W
Stafford County, Kansas

FORMATIONS (Time Log & Samples)

545	(+1363)	Anhydrite
3257	(-1449)	Heebner
3418	(-1610)	Brown Lime
3449	(-1641)	Lansing
3777	(-1969)	Mississippi
3823	(-2015)	Kinderhook
3911	(-2103)	Viola
4026	(-2218)	Simpson
4094	(-2286)	Arbuckle

I certify that the attached is a true and correct copy of the well log on the attached test.

Thos H. Allan

Subscribed and sworn to before me this 27th day of September, 1957

Reie M. Stewart

My Commission expires June 14, 1958.

RECEIVED
STATE CONSERVATION COMMISSION
SEP 28 1957
CONSERVATION DIVISION
Topeka, Kansas

PLUGGING
FILE SEC. 9 T. 25 R. 11W
BOOK PAGE 49 LINE 21