

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

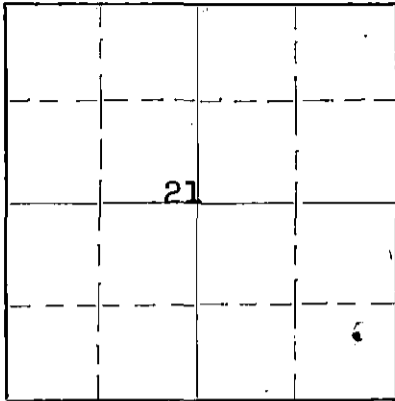
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas

OR
FORMATION PLUGGING RECORD

Strike out upper line
when reporting plug-
ging off formations.

ESSESE

NORTH



Locate well correctly on above
Section Plat

Pratt County, Sec. 21 Twp. 28S Rge. (E) 12 (W)

Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines. *SE 1/4 660' N of S & 330' W of E*

Lease Owner *G. S. Hayes*

Lease Name *G.S. Hayes* Well No. *1*

Office Address *Box 731 Tulsa, Oklahoma*

Character of Well (completed as Oil, Gas or Dry Hole) *Gas*

Date, well completed *4-30-45* 193*4*

Application for plugging filed *October 23* 193*4*

Application for plugging approved *October 24* 193*4*

Plugging Commenced *January 6* 193*4*

Plugging Completed *January 12* 193*4*

Reason for abandonment of well or producing formation *Unable to operate on a profitable basis*

If a producing well is abandoned, date of last production *April* 193*4*

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 *H. W. Kerr*

Producing formation *Viola Lime* Depth to top *4330'* Bottom *4354'* Total Depth of Well *4457'* Feet

Show depth and thickness of all water, oil and gas formations. *P.B. to 4361' 6"*

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled Out
Lansing	Slight Show Oil, Salty	3724'	3906'	8-5/8" OD	354'	None.
Mississippi Chat	No Show Oil	4174'		5-1/2" OD	4453'	2009'
Viola	Light Sat.	4330'	4354'			
Simpson Sand	Water	4446'	4457'			
Plugged back to 4361' Perforated in Viola 4330' to 4354'						
Acidized With 1000 Gals. Initial Production 3,118 MCF Gas						
At time well was plugged was making so much water that we could not operate.						

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 *4330'* feet to *359'* feet for each plug set.

Filled hole with crushed rock 4371' to 4330'

Dumped 5 sacks cement at 4330'

Mudded 4330' to 350'

Cemented with 15 sacks at 350'

Mudded hole to top

Capped with 10 sacks cement.

Cement was put in hole with dump bailer.

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

Correspondence regarding this well should be addressed to *Tide Water Associated Oil Co.*

Address *c/o W. B. Alleman Box 108 Eureka, Kansas*

STATE OF *Kansas* COUNTY OF *Greenwood*, ss.

Tide Water Associated Oil Co. (employee of owner) or (owner or operator) of the above-described well,

by *W. B. Alleman* 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) *W. B. Alleman*

Box 108 Eureka, Kansas
(Address)

SUBSCRIBED AND SWORN to before me this *19* day of *Jan* 19 *48*

Della Brewer

Notary Public.

My commission expires *Sept 23 1951*

PLUGGING
FILE SEC 21 T28 R 1710
BOOK PAGE 142 LINE 9

WELL RECORD G. S. HAYES

APPROP NO 365 TITLE NO 4348 LEASE NAME J. C. S. Banbury "B" WELL NO 1
 DESCRIPTION 160 Ac. SE/4 Sec. 21-28S-12W, Pratt County, Kansas. Chitwood Pool
 LOCATION 660' N of S Line & 330' W of E Line of Sec. 21
 RIG CONTRACTOR Drilling Contractor DRILLING CONTRACTOR Barnett Drilling Company
 DRILLING COMMENCED 3-3-45 COMPLETED 4-30-45 COMMENCED PRODUCING 4-27-45
 ROTARY TOOLS USED FROM 0 TO 4457 CABLE TOOLS USED none To Complete FUEL KIND Gas

CASING-LINER-SCREEN-TUBING RECORD

SIZE	O.D.	WEIGHT	THRD	MAKE-KIND	LFWLD SMLS	NEW S" N	(R) AT	PULLED OUT		LEFT IN		CEMENTING RECORD		
								OVER-ALL TALLY FEET	IN.	OVER-ALL TALLY FEET	IN.	NO SACKS	KIND	CEMENTED BY
8-5/8"	OD	32#	8v	J-55 R-2	SMLS	SH	354'			352	9	300'		Hallibrtn.
5-1/2"	OD	14#	8rd	J-55 R-2	"	N	4453'			4589	8	200		"
2-3/8"	OD	4.7#	8rd	H-40 EUE	"	SH	4365'			4395'		Incl. 6'		Pup. & Anchor
*250 Sax inside casing - did not circulate - 50 sax outside casing thru 1" pipe at 80' down the hole.														

CASING-LINER-TUBING PERFORATED FROM 4330 TO 4354 METHOD ETC Lane Wells - 66 shots
~~CASING-LINER-TUBING~~ PERFORATED FROM 4350 TO 4358 METHOD ETC 1/2" holes
 PACKER SET AT _____ SIZE AND KIND _____

PRODUCING HORIZON FORMATION RECORD

ELEVATION	NAME OF FORMATION	TOP	BOTTOM	REMARKS
GROUND <u>4122</u> DERRICK FLOOR <u>4125.5</u> 6' BACK OF SHEET FOR COMPLETE LOG OF WELL <u>4878.5</u>	<u>Viola Line (Perfs)</u>	<u>4330</u>	<u>4354</u>	<u>(a)</u>
				<u>Water in Simpson Sand 4446-4457'</u>
			<u>4457'</u>	<u>P.B. to 4361'6"</u>
TOTAL DEPTH OF WELL				

INITIAL PRODUCTION RECORD

DATE	SIZE OF CHOKE	FLOWING PRESSURE		TEST DATA			METHOD OF PRODUCING	REMARKS
		TUBING	CASING	HRS-MIN	BBLs OIL	GAS VOLUME		
<u>4-27-45</u>						<u>620 MCF</u>	<u>1-1/2 Bbl.</u>	<u>Open flow - natural</u>
<u>5-2-45</u>						<u>3,118 MCF</u>	<u>-</u>	<u>" " - after acid</u>

POTENTIAL 24 HRS NATURAL _____ BBLs OIL _____ BBLs % WATER AFTER SHOT ACID _____ BBLs OIL _____ BBLs % WATER GVTY _____
State Test. - shut in 6 hr. Press. 865#

SHOT OR ACIDIZING RECORDS

DATE	KIND	QTS	GAL	FROM	TO	SIZE OF SHELL	ANCHOR OR BLANKET	SHOT BY (CO)
<u>4-29-45</u>	<u>Acid</u>		<u>1000</u>					

CLEANING OUT-PLUGGING BACK-DEEPENING RECORDS

AUTH NO	DATE COMM CD	DATE COMPL D	FROM	TO	PRODUCTION BEFORE		PRODUCTION AFTER		REMARKS
					OIL	WATER	OIL	WATER	
									SEE DAILY REPORT FOR OTHER DETAILS

1878'

(a) All measurements from rotary table 4122' D.F. El. plus 1'6" for measurement at ground ft level deduct 3'2"

cc: Allenan, Wichita Office, Kansas Well Log Bureau

Shale & shells	225
shale & lime shells	358
shale & shells	1335
Red rock & shells	1695
lime & shale	1835
lime	1981
lime & shale	2210
lime	2405
shale & shells	2495
lime & shale	2870
lime	3240
lime & shale	3425
lime	3485
lime - broken	3674
shale & lime	3775
lime (cored 3855'-63')	3863
lime	3940
lime & shale	4161
lime	4181
Cherty lime	4222
lime	4283
shale	4307
lime & shale	4328
lime (cored)	4340
Cherty Lime (cored)	4350
lime (cored)	4356
lime	4370
Chert	4374
lime	4377
shale & lime	4389
lime	4400
Cherty lime	4423
lime - hard	4430
lime (cored)	4443
Simpson shale (cored)	4446
Simpson Sand (cored)	4457
Total Depth	4457
P.B. depth	4371'6"

Geological Data

Top Brown Lansing - 3724
 Top White Lansing - 3739
 3852-56 Fair porosity, good sat. & odor
 3858-60 fair por. & stain cored-salty taste
 3874-80 fair por. & stain
 3896-3910 sli. por. & stain
 3906-07 Good por. & sat. and odor
 Base Pennsylvanian
 Top Mississippi chat - 4174
 Top Kinderhook shale & lime 4220
 Top Viola 4330
 4330-54 good por., light sat. & odor
 Top Simpson shale 4443-1/2
 Top Simpson sand 4446-1/2 fair sat.
 good porosity (tested water).

T.D. 4457'

Core Record

From	To	Recovery	Remarks
3855-3859'		2'	Cherty Fossil. Ls.
3859-3863'		3-1/2'	Dense Lime - fair odor
4328-4332'		4'	Broken lime & shale
4332-4336'		4'	Lime - fair odor & poros.
4336-4340'		4'	Lime - fair sat. good odor
4340-4344'		4'	Lime - hard & cherty
4344-4356'		5'	Sherty Fossil. Lime - fair to good odor
4430-4435'		5'	Lime
4435-4441'		5-1/2'	Lime
(4441-4443')		4-1/2'	(Lime
(4443-4446')			(Simpson Shale
4446-4457'		6-1/2'	Shale & sand (saturated) Sand - some saturation

DST @ 4446' T.D.

Tool open 25 minutes - 450' mud

COMPLETION RECORD

4/1/45 Rotary Hole completed at 4457'
Ben Schlumberger.
 4/2/45 Cemented 5-1/2" casing
 4/6/45 Rigged up Cardwell Unit - bailed mud
 4/7/45 Drilled plug to 4409', hole filled 1800' w/ water in 15 hrs.
 4/8/45 P.B. 29' w/ 3 sax Calseal - no shut off
 4/10/45 Bailed calseal - SIM 4457'
 4/11/45-4/17/45 Dumped in plastic - P.B.D. 448'.
 failed to plug off water - ran tbg. to cement
 4/18/45 Squeezed 50 sax. Took 33 sax @ 3200#. Max.Press.
 4/22/45 SIM 4445'6". Hole dry. Drilled plug to 4442'.
 Hole dry.

Lane Wells Perf. Record in Simpson

4446-4447-1/2 - 45 shots - no show
 Re-Pref. 4446-4447-1/2 - 4 " - bailed 1-1/2 gal.
 water in 2 hrs. not salty
 Drilled plug to 4450' & Perf.
 4447-4449' w/ 6 shots - no show
 4/23/45 - acidized w/ 460 gal.
 4/24/45 - Bailed hole - Drilled cement 4450-52'
 4/25/45 - Perforated 4447'8" to 4451'8" - 12 shots
 w/ no show
 Ran 7 sax cement - PB depth 4371'6"
 4/26/45 - Perf. 4330'-4354' w/ 66 shots in Viola Lm
 4/27/45 - Flowed open 15 hrs. & tested 620 MCF gas
 and 1-1/2 barrels water
 4/29/45 - Acidized w/ 1000 gal.
 5/2/45 - State test. Open thru casing & tubing
 2 hours & tested 3.118 MCF/day.
 Shut in Pressure 6 hr. 865#.