

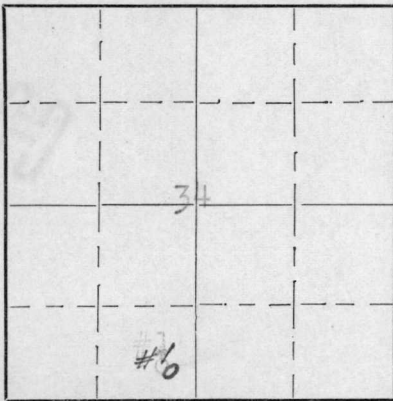
WELL PLUGGING RECORD

FORMATION PLUGGING RECORD

Strike out upper line when reporting plugging of formations.

STATE OF KANSAS STATE CORPORATION COMMISSION Give All Information Completely Make Required Affidavit Mail or Deliver Report to: Conservation Division State Corporation Commission 800 Bitting Building Wichita, Kansas

NORTH



Locate well correctly on above Section Plat

Reno County. Sec. 34 Twp. 23S Rge. 4 (E) 4 (W) Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines 330' N & 330' W of S.E. Corner Lease Owner: Tide Water Associated Oil Company 8/2 SW 1/4 Lease Name: C.W. Grandon Well No. 1 Office Address: Tulsa Oklahoma Box 731 Character of Well (completed as Oil, Gas or Dry Hole): Oil Date, well completed: 3/18/35 Application for plugging filed: May 28 Application for plugging approved: May 29 Plugging Commenced: May 29 Plugging Completed: June 1 Reason for abandonment of well or producing formation: Unable to operate on profitable basis If a producing well is abandoned, date of last production: May 26, 1940 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: Ruel Durkee Producing formation: Chat Depth to top: Bottom: Total Depth of Well: Feet Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

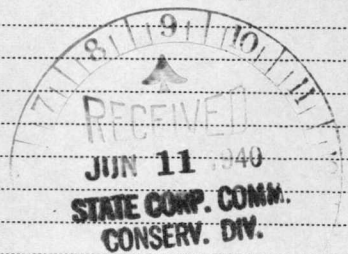
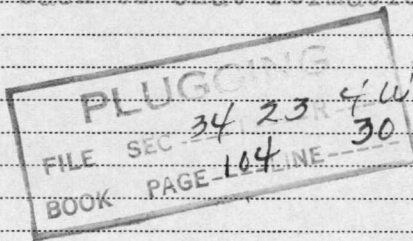
CASING RECORD

Table with 7 columns: Formation, Content, From, To, Size, Put In, Pulled Out. Rows include Hunton Lime and Chat.

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.

Filled hole with mud from 3393' to 3320' Filled hole with chat 3320' to 3290' Cement 3290' to 3255' mud 3255' to 250' Cement 250' to 235' Mud 235' to base of cellar 10 Sacks cement plug in top of 16"OD Casing

This well was plugged back to chat formation Dec. 1937



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

Correspondence regarding this well should be addressed to: Tide Water Associated Oil Company Address: P.O. Box 731 Tulsa Oklahoma.

STATE OF Kansas COUNTY OF Reno, ss. W.B. Alleman

(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) W.B. Alleman (Address) Eureka Kan

SUBSCRIBED AND SWORN to before me this 10 day of June, 1940

My commission expires Dec 16 - 1940

Notary Public.

15-155-02678-0000

WELL RECORD

APPROP. NO. 2091 TITLE NO. 3462 LEASE NAME CHAS. W. GRANDON WELL NO. 1
 DESCRIPTION E/2 SW/4 Sec. 34-23S-4W Reno County, Kansas
 LOCATION 330' North & 330' West of SE Corner
 RIG CONTRACTOR By Drilling Contractor DRILLING CONTRACTOR Olson Drilling Company
 DRILLING: COMMENCED 1-30-35 COMPLETED 3-18-35 COMMENCED PRODUCING 3-21-35
 ROTARY TOOLS USED: FROM _____ TO _____ CABLE TOOLS USED: FROM _____ TO _____ FUEL: KIND Gas

CASING-LINER-SCREEN-TUBING RECORD

SIZE	O.D. I.D.	WEIGHT	THRD.	MAKE-KIND	LPWLD SMLS	NEW S. H.	SET AT	PULLED OUT		LEFT IN		CEMENTING RECORD	
								OVER-ALL TALLY FEET	IN.	FEET	IN.	NO. SACKS	KIND
15-1/2"	ID	70#			LPWLD	SH	250'	NONE		253'		200	Halliburton
8-1/4"	ID	32#			SS	SH	3590'	NONE		3590'		350	"

CASING-LINER-TUBING: PERFORATED FROM 3315' TO 3343' METHOD, ETC. Lane-Wells 12-12-37
 CASING-LINER-TUBING: PERFORATED FROM _____ TO _____ METHOD, ETC. _____
 PACKER: SET AT _____ SIZE AND KIND _____

PRODUCING HORIZON FORMATION RECORD

ELEVATION	NAME OF FORMATION	TOP	BOTTOM	REMARKS
GROUND DERRICK FLOOR	<u>Chat</u>	<u>3265'</u>	<u>3388'</u>	
<u>- 1470</u>	<u>Hunton Lime</u>	<u>3600'</u>	<u>3603'</u>	
TOTAL DEPTH OF WELL				<u>3603'</u>

SEE BACK OF THIS SHEET FOR COMPLETE LOG 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>Pumping</u>	

4-17-35

POTENTIAL: 24 HRS. NATURAL _____ BBLs. OIL _____ BBLs. % WATER. AFTER SHOT-ACID 1640 BBLs. OIL - BBLs. % WATER 42

SHOT OR ACIDIZING RECORDS

DATE	KIND	QTS.	GAL.	FROM	TO	SIZE OF SHELL	ANCHOR OR BLANKET	SHOT BY (CO.)
<u>3-18-35</u>	<u>Acid</u>		<u>1500</u>	<u>3592'</u>	<u>3343'</u>	<u>-</u>	<u>-</u>	<u>Dowell Chemical Co.</u>
<u>12-15-37</u>	<u>Acid</u>		<u>2000</u>	<u>3315'</u>	<u>3343'</u>	<u>-</u>	<u>-</u>	<u>Chemical Process Co.</u>

CLEANING OUT-PLUGGING BACK-DEEPENING RECORDS

AUTH. No.	DATE COMM'CED	DATE COMPL'D	FROM	TO	PRODUCTION BEFORE		PRODUCTION AFTER		REMARKS
					OIL	WATER	OIL	WATER	
<u>*</u>	<u>12-2-37</u>	<u>12-15-37</u>	<u>3603'</u>	<u>3393'</u>	<u>20</u>	<u>600</u>	<u>524</u>	<u>120</u>	SEE <u>back of sheet</u> FOR OTHER DETAILS

PLUGGING
 FILE SEC. 34 23 4/1
 BOOK PAGE 104 LINE 30

RECEIVED
 JUN 15 1940
 STATE OIL COMM.
 CONSERV. DIV.

Potential Test 6-21-35 - 1,615 Oil - 15 Water.

Clay, Sand & Gravel	0 to	170
Sand & Shale Shells		250
Sand & Shale		475
Shale		500
Sand & Shells		620
Shells & Shale		710
Sand & Shale		750
Shale & Shells		800
Shale		815
Lime		850
Broken Lime		940
Shale & Shells		1186
Broken Lime		1240
Shale		1260
Sandy Lime		1275
Hard Lime		1310
Lime		1340
Lime & Sand		1365
Shale		1395
Shale & Lime		1485
Shale & Shells		1643
Shale		1720
Lime		1737
Shale & Lime		1843
Shale		1850
Shale & Shells		1930
Lime		2010
Shale & Shells		2045
Shale & Lime Shells		2125
Lime Shells		2168
Shale & Shells		2250
Lime		2274
Shale		2339
Broken Lime		2362
Shale & Lime Shells		2404
Shale & Lime		2476
Shale & Lime Shells		2522
Shale & Shells		2587
Lime		2820
Shale & Lime		2824
Lime		2835
Sandy Lime		2851
Hard Lime		2867
Lime		2909
Hard Lime		2915
Lime - Soft		2922
Lime - Medium		2967
Lime		3029
Broken Lime		3046
Broken Lime & Shale		3076
Shale & Shells		3092
Shale		3253
Chat		3265
Chat - Hard		3269
Steel Line Correction		3267
Broken Lime & Chat		3280
Chat		3316
Broken Lime & Chat		3335
Chat - Soft		3356
Chat		3388

Lime & Shale Breaks	3424	
Lime Shells & Shale	3443	
Hard Lime	3446	
Lime	3448	
Hard Lime	3459	
Lime	3466	
Hard Lime	3480	
Lime	3505	
Shale	3560	
Shale	3575	Cored
Shale	3592	"
Lime	3600	"
Lime	3603	"
Lime (Total Depth)	3603	

PLUGGED BACK RECORD -12-2-38 to 12-15-37

Oilman Cement - 10 Sax	3603 - 3585
Sand & Cement	3585 - 3565
Steel Cuttings	3565 - 3560
Lead Wool - 100#	3560 - 3559
Steel Cuttings	3559 - 3557
Lead Wool - 200#	3557 - 3555
Sand & Cement	3555 - 3414
Steel Cuttings	3414 - 3412
Cement & Sand	3412 - 3396
Steel Cuttings & Lead Wool	3396 - 3393

Commenced producing 12-15-37 thru casing perforated from 3315' - 3343'.