

STATE OF KANSAS
STATE CORPORATION COMMISSION

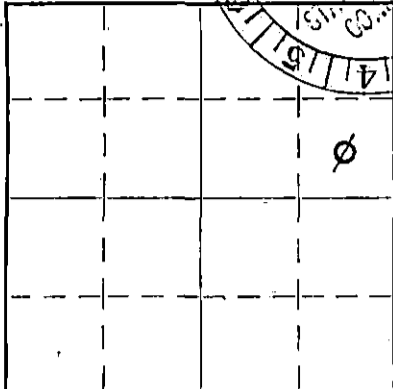
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Commission
800 Bittling Building
Wichita, Kansas



12-13-1937

WELL PLUGGING RECORD
OR
FORMATION PLUGGING RECORD

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



Locate well correctly on above
Section Plat

Barber County, Sec. 24 Twp. 34 S Rge. 15 (W) (W)
Location as "NE 1/4 NW 1/4 SW 1/4" or footage from lines Center SE 1/4 of NE 1/4

Lease Owner W. I. Southern, Inc.
Lease Name G. H. Davis Well No. 3
Office Address 2003 Philtower Bldg.

Character of Well (Completed as Oil, Gas or Dry Hole) D. & A.
Date, well completed October 21, 1937
Application for plugging filed October 8, 1937
Application for plugging approved October 11, 1937
Plugging Commenced October 8, 1937
Plugging Completed October 21, 1937
Reason for abandonment of well or producing formation Hole full water

If a producing well is abandoned, date of last production 1937
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 C. T. Alexander
Producing formation Depth to top Bottom Total Depth of Well 5600 Feet.
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

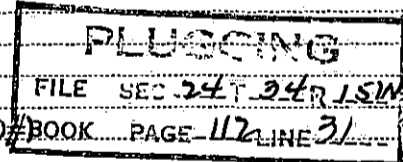
Formation	Content	From	To	Size	Put In	Pulled Out
Marmaton	Gas - Show	4745	4750	8/5/8 32#	4560	3550'
Mississippi Lime	5 gal. 23° oil per 2 hrs.	4950	4855	7" liner	4444-4788	none
Viola lime	1/2 bbl free oil hr. 39° no water	5365	5366			
Silicious Lime	H.F. salt W.	5592	5600			

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.

Shot - 70 Qts. lig. nitro-glycerine - 5" shells - 5360'-5375' 9/20/37 No increase
" " " " " " 4835'-4860' 10/15/37 " "

Plugged back

Chat 5582-5600
 4 5'X24 Containers steel cuttings and 1 container (100#) lead wool 5575-5582
 6 " " " " " 4 " (400#) " " 5126-5140
 12 " " " " " " " " 5118-5126
 6 " " " " " " " " 5115-5118
 1 " " " Chat
 7 " " " steel cuttings
 1 " " " oakum
 12 " " " chat
 12 " " " leadwool and oakum (1000#) 5030-5040
 5 33 Quick Set cement 5017-5030 Hole dry
 5010-5017
 Brick plug - 1 container steel cuttings and 1 container lead wool
 on top 4875-5010
 5 sacks cement 4860-4866
 Sand and mud and pulled 8 5/8 from 3550 3600-4860



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

Correspondence regarding this well should be addressed to W. I. SOUTHERN, INC. 2005 Philtower Bldg. Tulsa, Okla.
Address

STATE OF _____, COUNTY OF _____, ss.
_____, (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) Marshall Brown
Tulsa, Oklahoma
(Address)

SUBSCRIBED AND SWORN to before me this 11th day of December, 1937.

My commission expires August 30, 1940
Louise Feylman
Notary Public.

H. P. mud and 5 d

Wood plug @ 500' in 12 $\frac{1}{2}$ " steel cuttings, oakum, 50 buckets
sand and H.F.M.

25 sacks cement in cellar

1100-3600

Surface to 500'

RECORD OF FORMATIONS

Formation	Top	Bottom	Remarks
Surface and cellar	0	10	
Clay and red bed	10	270	
Red bed and shale shells	270	615	
Shale shells	615	730	
Shale	730	1210	
Shale and shells	1210	1685	
Shale and lime	1685	2035	
Lime	2035	2080	
Lime and shale	2080	2135	
Lime	2135	2170	
Lime and shale	2170	2280	
Lime	2280	2350	
Lime and shale	2350	2400	
Lime	2400	2435	
Lime and shale	2435	2590	
Lime	2590	2705	
Lime and shale	2705	3080	
Lime	3080	3115	
Lime and shale	3115	3150	
Shale	3150	3180	
Shale and lime	3180	3240	
Lime	3240	3950	
* Lime, gray shale and trace black slate	4000	4040	
Lime and gray shale	4040	4095	
Little lime, sand, and trace gray shale	4095	4130	
Trace red bed, gray shale	4130	4175	
Gray shale	4175	4218	
Gray lime and decreasing amount gray shale	4218	4245	
Gray lime	4245	4310	
Gray lime, little gray shale and trace black shale	4310	4340	
Gray lime and little gray shale	4340	4445	
Gray lime	4445	4535	
Gray shale and lime	4535	4570	
	4570	4572	

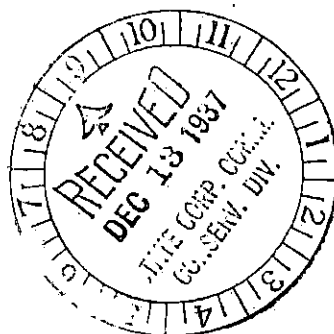
PLUGGING
 FILE SEC 24 T 34 R 15 W
 BOOK PAGE 112 LINE 31
 Top Kansas City Line

Slope test @ 4250 = $\frac{1}{80}$
 S.L.M. @ 4300 OK
 Reamed tight hole 4100-4135 and 4250-4280

S.L.M.
 Drilling time -
 4500 - 4505 = 66 min.
 4505 - 4510 = 70 "
 4510 - 4515 = 120 min.
 4515 - 4520 = 130 "
 4520 - 4525 = 140 "
 4525 - 4530 = 180 "
 4530 - 4535 = 65 min.
 4535 - 4540 = 55 "
 4540 - 4545 = 50 "
 4545 - 4550 = 50 "
 4550 - 4555 = 50 "
 4555 - 4560 = 61 "
 4560 - 4565 = 45 "
 4565 - 4570 = 48 "

Stuck drill pipe coming out of hole at 4477 due motor failure. Circulated pipe loose with oil and conditioned hole

Ran 8 5/8" 32# 8 thr. SS casing and cemented @ 4560. Pumped last 150' down in 14 hrs. Cemented with 225 sacks OK at 11 A.M. 7-28-37 with Halliburton. Moved out rotary and rigged up Standard tools.



RECORD OF FORMATION

Formation	Top	Bottom	Remarks
			Commenced drilling 8/17/37
Lime and shale	4560	4568	
Sand	4568	4570	2 bailers water hour
Gray shale and lime	4570	4575	
Lime	4575	4590	
Black shale and lime	4590	4625	Ran tubing and tried to squeeze job to shut off water @ 4568-70 with 60 sacks. Found top of cement @ 4430 and drilled out to 4565. Tested for 3 hours and found pipe dry. Drilled out to 4572 and made 2/3 of 7"X35' bailer water per hour. Drilled to 4625 and tested. Made 1 2/3 bailers water per hour.
Black shale and little lime,	4625	4647	Increase in water of 1/2 bailer per hour from 4625-4635.
Gray lime and little gray shale	4647	4678	
Black shale and little gray lime	4678	4718	Small show of gas 4710-16.
Gray shale and thin gray lime breaks.	4718	4790	Hole caving and jars on below. S/g 4745-4750, exhausted. Cleaning cave for 5 tours @ 4750' Cleaning out cave for 3 tours @ 4757'. Ran 344' 7" of 7" 22# 10 thr. SS liner (took 208 bbls. to load hole) and cement top and bottom from with 35 sack below and 25 above, from 4444-4788 1/2' W. O. C. 72 hours. Pulled tubing and found bottom 8 joints full cement. Tested top of liner with pressure and found top of liner took pressure at 300#. Reran tubing and spotted 55 sacks of incor cement. Tested with 1000# and found O.K. 9/10/37 found top of cement @4205'. Estimated base cement 4365'
	4209	4424	Drilling cement. Mushy below 4365. Appears pressure of recementing forced first cement job to set behind liner.
	4424	4775	Tools fell thru liner. Found water @ 4550' and exhausted. Restrung derrick and lines and checked depths.
	4775	4791	Cement. Tested liner after bailing dry and found OK.
		4791	S/gas - estimated @ 50,000 CE. Exhausted in 12 hours.
Gray lime and trace of shale	4791	4820	
Black shale, little gray shale and trace lime and chat	4820	4840	Top Mississippi Lime @4835'. (-3156)
Gray lime, chat and trace gray shale	4840	4862	Show dead oil 25° @84°, 4850-55; no further increase to 4862. No gas. Bailed 5 gallons oil per 2 hours to test.
Lime and chat and gray dolomite	4862	4956	Stain of oil and gas. @ 4905-23.
Gray lime	4956	5094	
Trace chat and gray lime with little gray shale	5094	5129	
Gray lime	5129	5150	Base Mississippi Lime
Gray shale and lime, trace red rock 5156-61	5150	5209	Kinderhook Formation
Black shale, gray lime (trace)	5209	5266	Chattanooga Formation-3587

PLUGGING
 FILE SEC 24 34 715W
 BOOK PAGE 112 LINE 31-

RECORD OF FORMATION

Formation	Top	Bottom	Remarks
	5266	5375	Viola Lime Show of live oil 5366-67. Tested 30 gals/2 hrs. 39 grav. @ 76°. No water. Re-tested and made 1 1/4 bbls. oil and 3/4 bbl. Salt water in 15 hrs. Shot with 70 qts. liquid nitro glycerine from 5360-75 under gravel temp. Cleaned out and tested 1/3 bbl. oil and water per 3 hrs. Trace water 5389-5393, exhausted
Green shale (Sylvan)	5375	5405	
Green shale	5405	5425	
Green shale and sand.	5425	5450	Top Simpson Formation @5425'
Green shale	5450	5482	All water exhausted.
Sand and green shale	5482	5530	Fighting bad cave all the way.
	5530	5563	Base of Simpson Formation 1 5/8" X 33' bailer water per hour @5565'
Lime and little sand	5566	5580	Top of Arbuckle - Silicious
Lime and sand	5580	5592	Very hard
Sandy lime - soft H.F. salt w.	5592	5600	Water level rose to 4000' in 72 hours; to 2500' in 96 hours. Preparing to plug back and recover 8 5/8" casing.

FILED 24-34-1510
 BOOK PAGE 112 LINE 24

* From sample determination by Skelly Oil Co.