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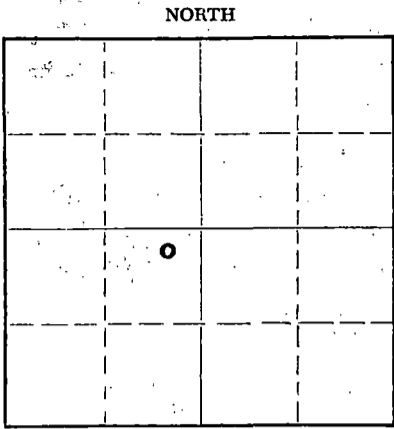
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Comanche County, Sec. 17 Twp. 33 S Rge. - (E) 18 (W)

Location as "NE/CNW/SW" or footage from lines NE/4-NE/4-SW/4
Lease Owner The Pure Oil Company
Lease Name T. R. Hackney Well No. 1
Office Address Box #271 - Tulsa 2, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed February 9, 1958
Application for plugging filed (Telephoned 2/10/58) February 19, 1958
Application for plugging approved (Telephoned 2/10/58) February 13, 1958
Plugging commenced February 10, 1958
Plugging completed February 10, 1958
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 W. L. Lackamp, Jr.
Producing formation None Depth to top - Bottom - Total Depth of Well 6225 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
Elgin	Water	4158	4190	13-3/8"	261'	None
Lansing	Water	4190	5041	8-5/8"	2657'	None
Marmaton	Water	5041	5208			
Miss.	Water	5208	5840			
Viola	Water	5840	6110			
Simpson	Water	6110	6175			
Arbuckle	Water	6175	6225			

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.

Dry Hole, mudded hole 6225-2604. Set 8-5/8" Halliburton plug at 2604 and spotted 45 sx. cement 2604-2465, mudded 2465-265. Set 8-5/8" Halliburton plug at 265 - Spotted 20 sx. cement 265-205. Mudded 205-35. Set Halliburton plug at 35 and dumped in 10 sx. cement, filling 8-5/8" csg. to top. Screwed steel cap on top 8-5/8" surface casing.

RECEIVED
STATE CORPORATION COMMISSION
2-26-58
FEB 26 1958
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Capitt Drilling Company (Drilling Contractor)
Address 814-16 Union Center Building, Wichita 2, Kansas

STATE OF Oklahoma, COUNTY OF Comanche, ss.
I, H. E. Schafer (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) H. E. Schafer H. E. Schafer
Division Supt. of Production
(Address)

SUBSCRIBED AND SWORN TO before me this 20th day of February, 19 58

My commission expires September 9, 1958 W. A. Brown Notary Public.

PLUGGING
FILE SEC 17 T 33 R 184
BOOK PAGE 82 LINE 1

WELL LOG AND RELATED DATA

3-28-58

DIVISION S. H. Producing DISTRICT Buffalo (Coldwater) LEASE Hacienda, T. R.
 ACRES 160 LEASE NO. 12346 AFE NO. 2490 ELEVATION Grd. 1986' - D.F. 1991' WELL NO. 1
 EX-SEC. 17 TWP. 33 S RGE. 18 W PRCT.-DIST.-TWP. -
 SURVEY (Coldwater Prospect) COUNTY Comanche STATE Kansas

LOG			
FROM	TO	TOTAL	FORMATION
0	60	60	Clay, sand
60	175	115	Red Bed
175	267	92	Red Bed & Lime
267	354	87	Shale
354	660	306	Shale, lime shells
660	905	245	Shale & Shells
905	1305	400	Shale & Lime
1305	1455	150	Shale & Salt Streaks
1455	1550	95	Shale & Lime
1550	1735	185	Shale & Shells
1735	1870	135	Shale & Lime Streaks
1870	1935	65	Lime
1935	2035	100	Lime & Shale
2035	2106	71	Lime
2106	2226	120	Lime & Shale
2226	2335	109	Lime & Anhydrite
2335	2657	322	Lime
2657	2805	148	Lime & Shale
2805	2885	80	Lime
2885	3204	319	Lime & Shale
3204	3327	123	Lime
3327	3520	193	Lime & Shale
3520	3564	44	Lime
3564	<u>WARBINSKE</u>		(Elec. Log Top)
3564	3815	251	Lime
3815	3867	52	Lime & Shale
3867	<u>DEER CREEK LIME</u>		(Elec. Log Top)
3867	4070	203	Lime & Shale
4070	4090	20	Shale
4090	<u>LECOMPTON LIME</u>		(Elec. Log Top)
4090	4125	35	Shale
4125	<u>ELGIN ZONE</u>		(Elec. Log Top)
4125	4158	33	Shale
4158	4178	20	Shale & Sand
4178	4259	81	Shale & Shells
4259	4295	36	Shale
4295	4300	5	Lime
4300	<u>TORONTO LIME</u>		(Elec. Log Top)
4300	4352	52	Lime
4352	<u>DOUGLAS</u>		(Elec. Log Top)
4352	4356	4	Lime
4356	4462	106	Shale & Sand
4462	4488	26	Sand
4488	4491	3	Shale & Lime
4491	<u>LANSING</u>		(Elec. Log Top)
4491	4540	49	Shale & Lime
4540	4857	317	Lime
4857	4890	33	Lime & Shale
4890	4910	20	Shale & Lime
4910	4929	19	Lime & Shale
4929	5054	125	Lime
5054	<u>HARMATION</u>		(Elec. Log Top)
5054	5208	154	Lime
5208	<u>SPERGEN</u>		(Elec. Log Top)
5208	5314	106	Lime
5314	5320	6	Lime & Chalky Lime
5320	<u>WALSAM</u>		(Elec. Log Top)
5320	5335	15	Lime & Chalky Lime

LOCATION

2319 FEET NORTH OF SOUTH SECTION LINE
 2335 FEET EAST OF WEST SECTION LINE
 2981 FEET SOUTH OF NORTH SECTION LINE
 3001 FEET WEST OF EAST SECTION LINE

SCALE 2"=1 MILE

CASING AND CEMENTING RECORD

SIZE CASING	13-3/8"	8-5/8"		
THREAD	8 Rd	8 Rd		
WEIGHT	48#	44 1/2-1/2#		
GRADE	J-55	J-55		
CONDITION	C/A	C/A		
SET AT	261'	2657'		
SACKS CEMENT	225	1550		
SIZE OF HOLE	17-1/4"	12-1/4"		

LINER RECORD

SIZE	WT.	COND.	LENGTH	BLANK	PERF.	SET AT

GUN PERFORATING RECORD

DATE	CASING	FROM	TO	SIZE SHOTS	NO. SHOTS

SHOT OR ACID RECORD

DATE	TOP	BOTTOM	SHOT-ACID	REMARKS

DRILLING: COMMENCED 1/2/58 COMPLETED 2/9/58
 ELECTRICAL SURVEY BY Schlumberger (Elec. Micro) DATE 2/9/58
 DRILLED WITH (Capitt Drilling Company) Rotary TOOLS
 DRILLED IN WITH (Capitt Drilling Company) Rotary TOOLS
 FIRST PROD.—NAT. DATE _____ HRS. _____ BBLs. _____ OIL
 WATER _____ M CU. FT. GAS _____ LBS. ROCK PRESS.
 SHOT _____
 FIRST PROD. AFTER ACID—DATE _____ HRS. _____ BBLs. _____ OIL
 WATER _____ M CU. FT. GAS _____ LBS. ROCK PRESS.
 GAS/OIL RATIO _____ POTENTIAL Dry Hole BBLs.
 GRAVITY _____ TEMP. _____ GRADE _____

PLUGGING
 FILE SEC. 17 T. 33 R. 18 W
 BOOK PAGE 82 LINE 1

FROM	TO	TOTAL	FORMATION	FROM	TO	TOTAL	FORMATION
5335	5420	85	Lime	DRILL SPDM TESTS:			
5420	<u>BURLINGTON</u>		(Elec. Log Top)	1/20/58	4117-4178 (Elgin)		
5420	5478	58	Lime	Tool open 1 hr. - Air to surface immediately			
5478	5480	2	Lime & Chert	Fair blow continued throughout test - Recovered 125' drilling mud - IFF 30%, FFP 80%. Initial 20 minute SI BHP 510%, final 20 min. SI BHP 1190%.			
5480	<u>COWLEY FACIES</u>		(Elec. Log Top)	1/23/58	4490-4640 (Lansing)		
5480	5522	42	Lime & Chert	Tool open 1 hr. - Air to surface immediately with good blow continuing throughout test - Recovered 2345' of salt water - IFF 350%, FFP 1530% - 20 minute initial SI BHP 1650%, 20 minute final SI BHP 1620%.			
5522	5731	209	Lime	1/26/58	4834-4951 (K.C.Lime)		
5731	5786	55	Shale	Tool open 1 hr. and 30 minutes - Strong blow air immediately, gas to surface in 5 min. - Gas volume after 10 minutes - 196,000 GFD, 20 minutes - 240,000 GFD - 30 minutes 277,000 GFD - 40 minutes 310,000 GFD - 50 minutes 310,000 GFD - 60 minutes 340,000 GFD - 70 minutes 340,000 GFD - 80 minutes 350,000 GFD and after 90 minutes 367,000 GFD - Recovered 30' drilling mud and 305' gas-cut mud - Initial 20 minute SI BHP 1865#, IFF 69# - FFP 90% - Final 25 minute SI BHP 1805# (IHP 2360#, FHP 2340#).			
5786	5790	4	Shale & Lime	1/28/58	5103-5121 (Harmaton)		
5790	<u>KINDERHOOK</u>		(Elec. Log Top)	Tool open 1 hr. - Air to surface immediately, fair blow continued throughout test - Recovered 15' mud - IFF 30%, FFP 30% - 20 min. initial SI BHP 1865# - 20 minute Final SI BHP 1560#.			
5790	5823	33	Shale & Lime	1/29/58	5225-5240 (Misc.)		
5823	5859	36	Lime & Shale	Tool open 1 hr. - Air to surface immediately fair blow continued throughout test - Recovered 10' very slightly gas-cut mud - IFF 1865#, FFP 180% - 20 minute initial SI BHP 1930% - 20 minute Final SI BHP 1895% - DST classified as misc-run.			
5859	5890	31	Lime	1/30/58	5225-5255 (Misc.)		
5890	<u>VIOLA</u>		(Elec. Log Top)	Tool open 1 hr. - Air to surface immediately Good blow throughout test - Gas to surface in 4 minutes - Gas volume in 30 minutes estimated 49,000 GFD, in 45 minutes 41,000 GFD, in 1 hr. 41,000 GFD - Recovered 20' gas-cut mud - IFF 30%, FFP 19% - 20 minute initial SI BHP 1865# - 20 minute Final SI BHP 1200%.			
5890	6035	145	Lime	2/ 1/58	5258-5357 (Misc.)		
6035	<u>SIMPSON DOLOMITE</u>		(Elec. Log Top)	Tool open 1 hr. - Air to surface immediately fair blow throughout test - Recovered 70' mud - IFF 50%, FFP 50% - 20 minute initial SI BHP 815# - 20 minute final SI BHP 585#.			
6035	6045	10	Lime	2/ 7/58	6031-6045 (Simpson)		
6045	6050	5	Lime, sandy	Tool open 1 hr. - Air to surface immediately with weak blow increasing to good blow throughout - Recovered 40' watery mud and 1435' of salt water with sulphur smell - IFF 130%, FFP 910%, 20 minute initial SI BHP 2250 - 20 minute final SI BHP 2250#			
6050	6110	60	Lime	2/ 9/58	6191-6225 (Arbuckle)		
6110	<u>SIMPSON SAND</u>		(Elec. Log Top)	(Double packers) Tool open 1 hr. - Air to surface immediately, weak blow throughout test - Recovered 125' thick mud - IFF 15%, FFP 65% - 20 minute initial SI BHP 1923# - 20 minute final SI BHP 1912#.			
6110	6115	5	Lime				
6115	6133	18	Sand				
6133	6191	58	Shale & Lime				
6191	<u>ARBUCKLE</u>		(Elec. Log Top)				
6191	6215	24	Shale & Lime				
6215	6225	10	Lime				
6225			TOTAL DEPTH				
(All measurements taken from top of rotary bushing which is 3' above derrick floor.)							
ADDITIONAL WELL DATA:							
ANGULAR DEVIATION:							
	Degrees			Degrees			
Depth	Off Vertical	Depth	Off Vertical				
134	1/4	3107	3-7/8				
550	3/4	3204	3-1/2				
856	3/4	3327	3				
1150	1-1/8	3397	2-1/2				
1307	1	3508	2-1/2				
1870	1/4	3692	2-1/4				
2225	1-3/4	3911	2-3/4				
2298	4	4178	2				
2398	5	4500	1				
2430	6-1/4	4626	1				
2460	6	4764	1				
2490	6	4857	1/2				
2520	5	4951	1/4				
2540	4-1/2	5117	1/2				
2584	4-3/4	5357	3/4				
2615	4-3/4	5478	3/4				
2630	4-1/2	5638	1				
2655	4-1/4	5731	1				
2739	4-1/4	5823	1-1/4				
2832	4-1/4	5911	1-3/4				
2885	4-1/4	6003	1-1/2				
2988	4	6133	1-3/4				