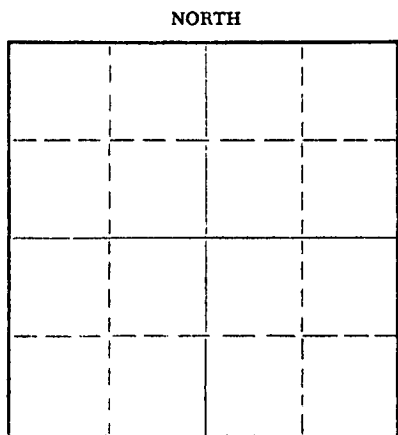


Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above  
Section Plat

Rooks County. Sec. 19 Twp. 10 Rge. 19 (E) (W)  
Location as "NE/CNW/4SW/4" or footage from lines. NE NE SW  
Lease Owner. Al Tipton  
Lease Name. H. Berland Well No. 4  
Office Address. P. O. Box 99 Iola, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole)  
Date well completed 19  
Application for plugging filed 7-28-70 19  
Application for plugging approved 7-29-70 19  
Plugging commenced 8-22-70 19  
Plugging completed 9-3-70 19  
Reason for abandonment of well or producing formation

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 Leo F. Massey  
Producing formation Depth to top Bottom Total Depth of Well 3807 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	1625	None
				5 1/2	3804	3121'.65

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.

Moved unit into location. Rigged up unit. Dug cellar. Plugged bottom back to 3250' with sand and 5 sacks of cement. Took tension on pipe, had 23" at 2000 psi. Shot pipe at 3167'. Working pipe. Shot pipe at 3103' and laid down 24 joints of 5 1/2" casing. Pulled 46 joints of casing. Laid down a total of 100 joints. Set bridge in 8 5/8 at 740'. Dumped 3 yards of concrete and pumped in load of water. Set bridge at 220' and dumped 3 yards of concrete for cap on well. Moved off location.

RECEIVED  
STATE CORPORATION COMMISSION  
9-14-70  
SEP 14 1970  
CONSERVATION DIVISION  
Wichita, Kansas

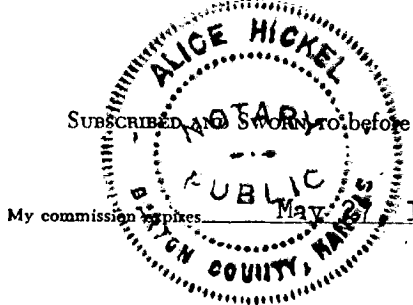
(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Forbes Casing Pulling Company, Inc.  
Address P. O. Box 221 Great Bend, Kansas 67530

STATE OF Kansas COUNTY OF Barton ss.  
James W. Rockhold (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) James W. Rockhold  
P. O. Box 221 Great Bend, Kansas  
(Address)

SUBSCRIBED AND SWORN to before me this 10 day of September, 1970



Alice Hichel  
Notary Public.

# LOG OF WELL

SHEET NO. 2

District Kansas Owner The Texas Co. Farm H. Berland Well No. 4

FORMATION	AMOUNT	COLOR	HARD OR SOFT	DEPTH CORES TAKEN	REMARKS
Clay	50				<p><b>CASING RECORD:</b></p> <p>Set 3-5/8" csg at 1625' with 800 sax Lone Star Portland Bulk Cement.</p> <p>Set 5-1/2" csg at 3804' with 100 sax Lone Star Cement</p> <p><b>ELEVATION:</b></p> <p>2232 KB 2230 DF</p> <p><b>TOPS:</b></p> <p>Topeka.....3230 Heebner.....3441 Lansing.....3478 Conglomerate...3730 Simpson.....3780 Arbuckle.....3802</p> <p><i>Dep Cement 3190</i></p>
Sand	100				
Shale & shells	670				
Shale & sand	915				
Shale & shells	1250				
Shale	1425				
Shale & shells	1440				
Red bed & sand	1605				
Red bed	1616				
Anhydrite	1655				
Red rock	1755				
Shale	1965				
Salt & shale	2100				
Shale	2110				
Lime	2360				
Brown shale & lime	2395				
Lime	3075				
Lime & shale	3085				
Lime	3594				
Lime-Cherty	3618				
Lime	3756				
Conglomerate	3800				
Lime & shale	3805				
Lime	3807				

RECEIVED  
STATE CORPORATION COMMISSION  
JUL 29 1970  
CONSERVATION DIVISION  
Wichita, Kansas

TOTAL DEPTH 3807'

**REMARKS:**

9-8-48 Drilled plug - tested 3/4 bbl oil, no water per hour.

9-9-48 Drilled to 3807', no increase in oil - dumped 50 gal acid to clean up hole.

9-10-48 Acidized w/300 gal, maximum pressure 1000#, broke to 800# & treated at that pressure, after treatment went to vacuum in 5 minutes - swabbed down, then swabbed 5 bbl oil per hour for 5 hours, dropped to 2 1/2 bbl oil per hour in the last two hours.

9-11-48 Tested for water, showed 1/4 bbl per hour - acidized with 500 gal, maximum pressure 1000#, dropped to 650# during treatment, went to vacuum 5 minutes after treatment - swabbed 11 bbl oil, 1 bbl water per hour for nine hours.

9-12-48 Swabbed 147.12 bbl oil, 6 bbl water in 12 hours.