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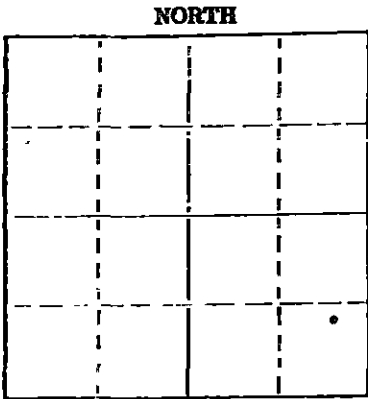
15-145-01303-0002

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 P. O. BOX 17027
 WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

Pawnee County, Sec 31 Twp 22 Rge 15W (E) (W)
 Location as "NE/CNWESW" or footage from lines NE SE SE
 Lease Owner Phillips Petroleum Co.
 Lease Name Bowman "B" Well No. 2
 Office Address Box 287, Great Bend, Ks. 67530
 Character of Well (completed as Oil, Gas or Dry Hole) Gas
 Date well completed 8-22 19 68
 Application for plugging filed 8-25 19 75
 Application for plugging approved 8-26- 19 75
 Plugging commenced 9-9 19 75
 Plugging completed 19
 Reason for abandonment of well or producing formation Depleted
 If a producing well is abandoned, date of last production August 19 75
 Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well
 Producing formation Howard Depth to top 2975 Bottom 2983 Total Depth of Well 3060 PBT
 Show depth and thickness of all water, oil and gas formations.

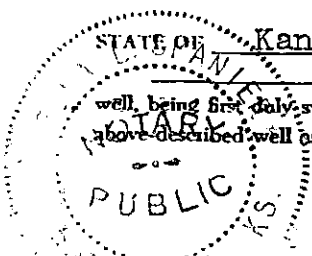
OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
Howard	Gas & water	2975'	2983'	8 5/8"	380'	0
				5 1/2 "	3624	2128'

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.
 On 9-9-75 Shirer's WSU MI & RU. Hallib killed gas w/50 BSW. Unit pl'd rods & pmp. Hallib mixed 2 sx gel in 20 BFW, 35 sx 60/20 Pozmix cmt - pmpd on btm. Pld 97 jts 2 7/8" OD tbg (3016.16') Hallib ran WLM - Top cmt 2902', Plg Unit MO. Knights Csg Pullers MI & RU. Dug out cellar- pld 21" Tens. 1st shot @ 2213', 2nd shot @ 2181', 3rd shot @ 2150'. Csg loose - pld 65 jts 5 1/2" OD 8rd thd csg. (2128.37'). Hallib mixed & pmpd 3 sx hulls, 25 sx Bentonite & 125 sx 60/40 Pozmix. Max pres 600#, SI pres 150#. Job compl 9-12-75 & well P & A.

(If additional description is necessary, use BACK of this sheet)
 Name of Plugging Contractor Knight Casing Pulling Co. Inc.
 Address Chase, Kansas



STATE OF Kansas COUNTY OF Barton ss.
 C. D. Dohrer (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) C. D. Dohrer Area Supt.
 Box 287, Great Bend, Ks. 67530 (Address)
 SUBSCRIBED AND SWORN TO before me this 17th day of September 19 75
 My commission expires March 29, 1976
 Velma L. Spanier Notary Public.

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8 5/8" @ 380' - 200 Sx
5 1/2" @ 3624' - 75 Sx

ALLAN, ET AL - #2 BOWMAN
NE SE SE 31-22-15W
Abo Pool, Pawnee County, Kansas
COMM: 8/9/58 COMPL: 8/22/58
CONTRACTOR: Tom Allan
ELEV: 2017 RB

I.P. Swab 160 bbl./3 hours

All Depths From Rotary Bushings

0 - 30 Soil
155 Sand
340 Blue Gumbo & Sand
380 Red Beds
943 Red Shale
968 Anhydrite
1250 Red Shale
1450 Shale
1750 Salt & Shale
1950 Shale
2000 Shale & Shells
2500 Lime & Shale
3100 Shale & Shells
3300 Lime & Shale
3308 Lime
3312 Shale
3360 Lime
3365 Shale
3384 Lime
3400 Shale & Lime
3408 Lime
3414 Shale
3418 Black Shale
3426 Lime
3440 Shale
3450 Lime
3530 Shale
3536 Brown Lime
3541 Shale
3556 Lime
3560 Shale
3578 Lime
3586 Shale
3594 Lime
3601 Cherty Lime
3608 Shale
3616 Soft Lime
3624 Hard Wht. Lime
CHANGED TO CABLE TOOLS
3626 Lime
3627 Oolitic Chert
3628 (TD) Saturated Oolitic Lime

FORMATION TOPS:

943 (+1074)	Anhydrite
3414 (-1397)	Heebner
3530 (-1513)	Brown Lime
3541 (-1524)	Lansing

* 11/16/68 Plugged back to 3595
Perforated 24 holes 3544-48 in top of
Lansing
Acid Treatment 1000 gals.
2/ 5/69 Connected to Kansas-Nebraska gas line
4/10/69 Gas exhausted
4/30/69 Plugged back to 3060
Perforated 5 holes @ 3035
Squeezed 200 sacks cement
5/ 3/69 Perforated 46 holes 2975-83 in Howard gas
zone (gas & water)
9/2/ 71 Added Worthington Compressor

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Bailed 1/2 bbl. of oil per hour
150 gal. acid 500# → 300#
Swab 160 bbl. oil in 3 hours