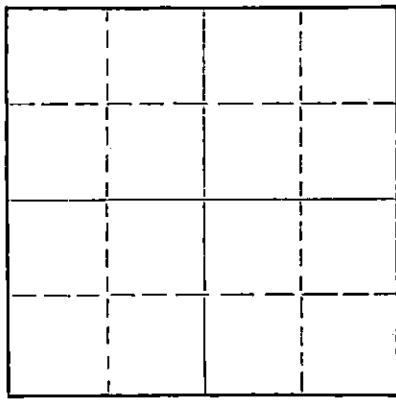


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 North Market, Insurance Bldg.  
Wichita, Kansas

Stafford County, Sec. 14 Twp. 21S Rge. (E) 13 (W)

Location as "NE/CNW/SW" or footage from lines 50' East of NE SW NE  
Lease Owner Natural Gas and Oil Company  
Lease Name Doran Well No. 4  
Office Address P. O. Box 105 - Great Bend, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Oil  
Date well completed October 7, 1952 19  
Application for plugging filed 12-8 19 59  
Application for plugging approved 12-11 19 59  
Plugging commenced 12-8 19 59  
Plugging completed 12-14 19 59  
Reason for abandonment of well or producing formation Depleted



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production November 11 19 59  
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 Mr. Frank Broadfoot  
Producing formation Arbuckle Depth to top 3542 Bottom 3575 Total Depth of Well 3637' Feet  
Show depth and thickness of all water, oil and gas formations. Plug back T.D. - 3599'.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	227	-0-
				5 1/2"	3636	2253

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.

Measured into plug back at 3599'. Plugging commenced: 12-8-59.  
Plugging completed: 12-14-59. Plugged off bottom: Sanded back to 3530' and dumped 5 sacks of cement. Loaded hole with water. Worked and shot pipe. Shot 5 1/2" casing at 2253'. Circulated and spotted 40 barrels of oil. Found hole in pipe at 2265'. Worked pipe. Pulled and laid down pipe. Pushed plug to 3000'. Plugged well with mud to 220'. Set rock bridge and dumped 20 sacks of cement at 220'. Filled hole with mud. Set rock bridge at 40' and capped the well with 10 sacks of cement.

RECEIVED  
STATE CORPORATION COMMISSION

DEC 17 1959

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor J. O. Forbes d/b/a/ Forbes Casing Pulling Company  
Address Box 221 - Great Bend, Kansas

STATE OF KANSAS, COUNTY OF BARTON, ss.  
J. B. Steele, Jr. (employee of 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) J. B. Steele, Jr.  
P. O. Box 105 - Great Bend, Kansas  
(Address)

SUBSCRIBED AND SWORN to before me this 16th day of December 19 59

Richard R. Beach  
Notary Public.

My commission expires July 27, 1963

COPY OF  
DRILLERS LOG

15.185.13040.0000

COMPANY: Westgate-Greenland Oil Company  
 CONTRACTOR: Westgate Drilling Corporation  
 FARM: Doran 4-A  
 LOCATION: 50 feet East of NE SW NE  
 Sec. 14-21S-13W  
 Stafford County, Kansas  
 COMMENCED: September 21, 1952 - Rotary  
 October 6, 1952 - Cardwell  
 COMPLETED: October 3, 1952 - Rotary  
 October 7, 1952 - Cardwell  
 ELEVATION: 1866 DF

0	to	95	Sand and shale
95	to	140	Sand
140	to	180	Shell and shale
180	to	215	Sand and shale
215	to	227	Shale
227	to	710	Shale, red bed w/sand streaks
710	to	740	Anhydrite
740	to	780	Shale and shells
780	to	1000	Shale and red bed
1000	to	1210	Shale and salt
1210	to	1380	Shale and shells
1380	to	1550	Shale and lime
1550	to	2200	Lime and shale
2200	to	2300	Shale
2300	to	2895	Shale and lime
2895	to	3025	Lime
3025	to	3095	Lime and shale
3095	to	3133	Lime
3133	to	3137	Heebner shale
3137	to	3139	Lime
3139	to	3165	Lime and shale
3165	to	3197	Shale
3197	to	3249	Shale and sandy shale
3249	to	3264	Sandy shale
3264	to	3278	Brown lime W/shale
3278	to	3492	Lansing lime
3492	to	3544	Shale and lime
3544	to	3637	Arbuckle lime
		3637	T. D. RB

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DEC 9 1959  
CONSERVATION DIVISION  
Wichita, Kansas

Set 227 feet of 8 5/8" 24# surface pipe. Cemented with w 200 sacks cement and 2 sacks calcium chloride.

Set 5 1/2" O. D. casing @ 3636. Cemented with 100 sacks cement.

Drill Stem Tests: #1 3284-3321, 1 hr, rec. 14' very slightly oil and gas cut mud, no BHP.  
 #2 3344-63, 1 hr, blew 6 minutes, rec. 40' mud, no BHP.  
 #3 3395-3443, 1 hr, rec. 240' muddy salt water, BHP 900#.

TOPS: Anhydrite 708 Lansing 3276  
 Heebner 3131 Arbuckle 3542.  
 Brown lime 3262

No schlumberger run.

Perforated 132 shots 3543-3575, swabbed 70 BO cleaning out, swabbed 60 BO on 6 hour test.

10/8/52 Filed 25 BOPD Temporary Productivity Affidavit  
 POTENTIAL: 495 Barrels produced.