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STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

Pawnee County. Sec. 21 Twp. 21S Rge. (E) 19 (W)

Location as "NE/CNW/SW" or footage from lines Ctr. NW SE

Lease Owner Graybol Oil Corporation

Lease Name Arnold Well No. 1

Office Address 2200 N.B.T. Bldg. Tulsa, Okla. 74103

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed December 10 19 64

Application for plugging filed December 10 19 64

Application for plugging approved December 10 19 64

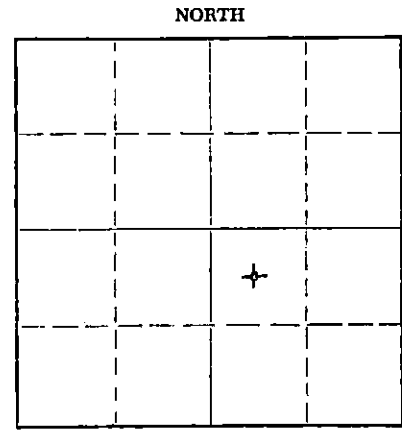
Plugging commenced December 11 19 64

Plugging completed December 11 19 64

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Eldon Petty, Hays, Kansas

Producing formation None Depth to top Bottom Total Depth of Well 4300 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
Lansing limestone	Water	3696	4004	8 5/8"	238'	None
Conglomerate	Water	4184	4243			
Mississippian	Water	4252	4300			

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.

Filled hole with heavy mud-laden fluid. Put swedge in top of surface casing and squeezed with 125 sacks of regular cement, done by Service Company.

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Wichita, Kansas

12-15-64

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

Name of Plugging Contractor None used

Address

STATE OF OKLAHOMA, COUNTY OF TULSA, ss. Lyman C. Dennis (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) Lyman C. Dennis

Tulsa, Oklahoma (Address)

SUBSCRIBED AND SWORN to before me this 14th day of December, 19 64

My commission expires October 2, 1967

Notary Public. (Signature)

GRAYBOL OIL CORPORATION

Pawnee County, Kansas

No. 1 Arnold

Ctr. NW SE Sec. 21-21S-19W

Contractor: Company Tools

Elev. 2083 D.F., 2077 G. L.

Commenced: November 28, 1964

Completed: December 10, 1964

Production: Dry and Abandoned

## CASING RECORD

Set 8 5/8" casing at 238' with 150 sacks of pozmix cement.

DEPTH	FORMATION	WELEX ELECTROLOG TOPS:
0-135	Sandy shale	Stone Corral anhydrite 1208 (+875)
135-350	Shale	Heebner shale 3633 (-1550)
350-557	Red bed and shale	Lansing limestone 3696 (-1613)
557-780	Sand	Base of Kansas City 4004 (-1921)
780-980	Shale, salt and shells	Cherokee shale 4157 (-2074)
980-1214	Shale and shells	Conglomerate 4184 (-2101)
1214-1255	Anhydrite	Mississippian 4252 (-2169)
1255-1600	Shale	Welex total depth 4303
1600-2000	Shale and shells	
2000-2140	Lime and shale	Drill Stem Test No. 1 - 3930-3976.
2140-2310	Lime with shale streaks	Tool open one hour. Recovered 30'
2310-2475	Lime	muddy salt water with oil specks. Initial
2475-2570	Lime with shale	BHP - 1452#/30", Final BHP 1275#/30",
2570-2770	Lime and shale	Initial FP 49#, Final FP 60#.
2770-2910	Shale with lime	
2910-3160	Shale and lime	
3160-3305	Shale with lime	
3305-3485	Lime and shale	
3485-3595	Lime with shale	
3595-3685	Lime	
3685-3750	Lime with shale	
3750-3976	Lime	
3976-4015	Lime and shale	
4015-4110	Lime with shale	
4110-4230	Lime	
4230-4249	Conglomerate	
4249-4300	Driller's Total Depth	

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I hereby certify that the above is a true and correct log of the above-captioned well as taken directly from the daily drilling reports.

GRAYBOL OIL CORPORATION

By: Lyman C. Dennis  
Lyman C. Dennis, Geologist

STATE OF OKLAHOMA

COUNTY OF TULSA

Subscribed and sworn to this 14th day of December, 1964.

My Commission expires: October 2, 1967

[Signature]  
NOTARY PUBLIC