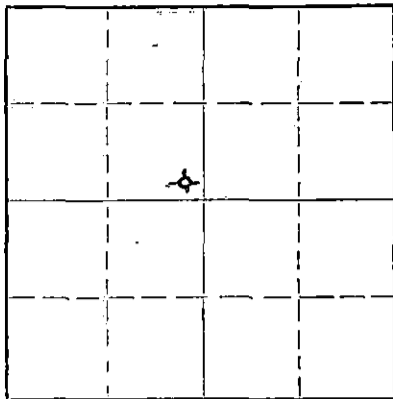


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Biting Building
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Barton County. Sec. 29 Twp. 20 Rge. 13 (E) W (W)
Location as "NE/CNW/SW" or footage from lines C SE/1 SE/1 NW/1
Lease Owner Graybol Contracting Corp., & L. B. Smith
Lease Name Murphy Well No. 1
Office Address 523 Petroleum Bldg., Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed March 16, 19 53
Application for plugging filed March 16, 19 53
Application for plugging approved March 16, 19 53
Plugging commenced March 25, 19 53
Plugging completed March 29, 19 53
Reason for abandonment of well or producing formation Dry Hole

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 C. D. Stough
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3362 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"	222	None
				5-1/2"	3555	3068

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.

Lane Wells plug @ 3150
Sanded hole to 3325 ran
5 sacks cement @ 3325'
pits jetted up by Sun
Cementing Co. and hole filled
w/ heavy mud then pumped in
100 sacks cement as per instructions
of C. D. Stough.

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

Name of Plugging Contractor West Supply Company
Address Chase, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.
A. N. Ward (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) [Signature]
523 Petroleum Bldg., Wichita, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 6th day of April, 19 53

My commission expires My Commission Expires Oct. 31, 1955

[Signature]
Notary Public.

24-2675-S 2-52-20M

PLUGGING
FOR SEC 29 T 20 R 13W
BOOK PAGE 84 LINE 41

RECEIVED
CONSERVATION DIVISION
APR 6 - 1953
4-6-53
WICHITA, KANSAS

GRAYBOL CONTRACTING CORP. & L. B. SMITH

Murphy No. 1

15.009.30917.0000

SE 1/4 Sec. 29-208-13N,
Barton County, Kansas

Comm. Drig. : 2-12-53
Completed : 2-26-53 (Rotary)
Total Depth : 3551'

Elevation : 1696 R.E.
Initial Prld.:
Contractor : Graybol
Tools : Rotary

CASING RECORD

PULLED

Left in Hole

Run
222' 8-5/8" Surface cemented with 250 sacks Monarch Cement
3529' 5-1/2" Casing cemented with 75 sacks Monarch cement

222' 8-5/8" Casing
5-1/2" Casing

STRATA	DEPTH	FORMATION TOP	ROTARY BUSHING
Sand	110	Topeka Lino	2842' (-946)
Sand & Iron	115	Hochner Shale	3125' (-1229)
Sand	195	Toronto Lino	3117' (-1253)
Sand - Streaks Shale	318	Brown Lino	3215' (-1349)
Red Bed	760	Lansing	3257' (-1361)
Anhydrite	785	Cherty Conglomerate	3505' (-1609)
Shale & Shells	1255	Arbuckle	3526' (-1630)
Salt & Shale	1425		
Shale	1580		
Shale & Shells	1618		
Lino	1685	Drill Stem Test #1 @ 3285-3333'. Open 25 minutes - weak blow for 10 minutes. Recovered 10' mud with spots of oil. No. B.H.P.	
Sandy Lino	1770		
Lino & Shale	2215		
Shale & Shells	2375		
Lino & Shale	2710		
Shale	2765	Drill Stem Test #2 @ 3527-3535'. Open 30 minutes - weak blow for 10 minutes. Recovered 10' slightly oil cut mud. 550% B.H.P.	
Lino & Shale	2842		
Lino - Streaks Shale	3125		
Black Shale	3129		
Lino	3132		
Shale	3147		
White Lino	3160	Drill Stem Test #3 @ 3511-3516'. Open 25 minutes - weak blow for 8 minutes. Recovered 10' mud with few spots of oil. 780% B.H.P.	
Shale - Sandy	3215		
Brown Lino	3251		
Shale	3257		
Lino - Streaks Shale	3478		
Shale - Streaks Lino	3505		
Cherty Conglomerate	3526	Drill Stem Test #4 @ 3511-3551'. Open 30 minutes - weak blow for 11 minutes. Recovered 20' oil cut mud. 1070% B.H.P.	
Dolomite	3551		
TOTAL DEPTH	3551		

I hereby certify that the above is a true and correct log of said well as reflected by the daily drilling reports.

GRAYBOL CONTRACTING CORPORATION

By A. H. Ward
A. H. Ward

STATE OF KANSAS)
COUNTY OF SEDGWICK)

PLUGGING

FILE SEC 29-208-13N

Subscribed and sworn to before me this 14th day of March, 1953. BOOK PAGE 24 LINE 44

My Commission Expires Oct. 31, 1955

Charles J. Roberts
Notary Public

STATE OF KANSAS
APR 6 - 1953
CONSERVATION DIVISION
Wichita, Kansas

Commenced March 8, 1953 drilled plug and cleaned out to bottom @ 3551 SSO. dumped 50 gallons Mud acid on bottom - bailed out acid - was spent. Bailed as follows: 1st hour, 2 gallons water, 5 gallons oil - 2nd hour, 1½ gallons water, ½ gallons oil - 3rd hour, 1 gallon water, 5 gallons oil - drilled 3551 to 3552 - Bailed 9 hours and recovered each hour 1 gallon water and ½ gallons oil - water analysis = H₂S - none - Spg. = 1.036 - TS = 52,000 - CL = 31,200 - SO₄ = 5600 - Ph = 8 - Acidized w/250 gallons Hawco 15%. Formation would not take acid @ 1000#. Took bailer of acid off bottom and pressured to 1250# - took acid slowly - all in in 3 hours - pressure dropped 50% in 5" - swabbed hole down and tested w/Bailer 1½ gallons oil per hour and 1½ gallons water per hour. Reacidized w/1250 gallons Hawco 15% penetrating acid - Pressure 1400# after 800 gallons broke to 1250# and took acid in 1 hour. Pressure drop from 1250# to 1150# in 5". Swabbed hole down and bailed for 16 hours as follows:

<u>Water</u>		<u>Oil</u>		<u>Water</u>		<u>Oil</u>	
31	gal.	5	gal.	15	gal.	3.34	gal.
30	"	5	"	15	"	3.34	"
31	"	5	"	13	"	3.34	"
24	"	6.68	"	13	"	3.34	"
17	"	6.68	"	13	"	3.34	"
17	"	5	"	15	"	3.34	"
15	"	3.34	"	16	"	3.34	"
13	"	3.34	"	15	"	3.34	"

Ran Lane Wells Log -

drilled 3552-55½ tested 24 gallons water, 6½ gallons oil in 2 hours - drilled 3555½-57½ no change. Samples showed very little stain - drilled 3557½ to 3562½ - samples showed no stain. Slight increase in water. Set Lane Wells plug @ 3450' Perf. w/18 IW A-2 shots 3416-22 rainbow oil and 2 gallons water in 1 hour - acid 500 gallons - Max. pressure 1750 final pressure 1250# - Shut in pressure drop 200# 5" - swabbed hole down and bailed 5 gallons water with Scum oil per hour.

Perf. w/16 IW A-2 Shots 3382-86 No show.

Perf. w/22 IW A-2 Shots 3336-44 Bailed approximately 1 bbl. water per hour.

D & A March 14, 1953.

R
STATE

APR 6
CONSERVATION DIVISION
WATER