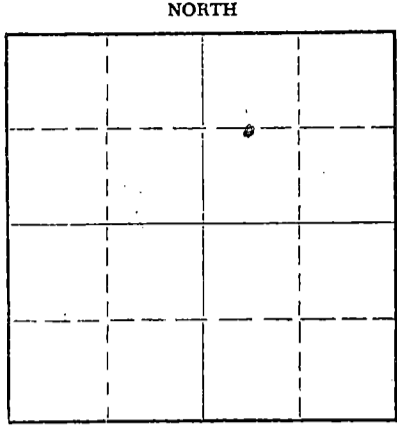


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

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

Pawnee County, Sec. 8 Twp. 23 Rge. 17 (E) (W)
Location as "NE/CNW/SW" or footage from lines CW/2 W/2 NE/4
Lease Owner Raymond Oil Co., Inc.
Lease Name L.J. Schartz #15 Well No.
Office Address Wichita, Kansas 67202
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 19
Application for plugging approved 19
Plugging commenced 4/26/69 19
Plugging completed 6/3/69 19
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 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 Massey
Producing formation Depth to top Bottom Total Depth of Well 4299 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	208'	none
				5 1/2"	4298'	3221'

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.

Checked hole to 4265', ran sand to 4175' and ran 5 sacks of cement.
Loaded hole with water, shot pipe at 3393', 3300', 3205', worked pipe at no gain in tension. Spotted oil. Worked pipe loose and pulled 101 joints.
Pumped 20 sacks of mud, 5 sacks hulls and 100 sacks of cement to plug well.

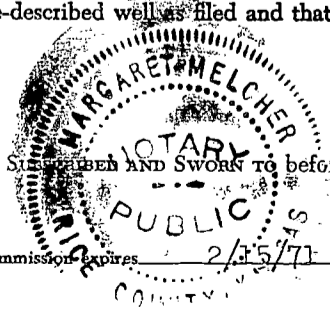
PLUGGING COMPLETE.

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JUN 6 1969
CONSERVATION DIVISION
Wichita, Kansas

(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 RICE, ss.
NOEL J. KNIGHT (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, filed and that the same are true and correct. So help me God.

(Signature) Noel Knight
CHASE, KANSAS
(Address)



Subscribed and sworn to before me this 4th day of June, 1969
My commission expires 2/15/71
Margaret Melcher
Notary Public.

WELL LOG

15-145-01117-0000

WELL NO. 15 FARM L. J. SCHIANTZ
 DEEP ROCK INTEREST Hilton Drilling Co., Inc. PARTNER'S INTEREST _____
 OVERRIDE OR OIL PAYMENT _____
 LEASE DESCRIPTION 320 Acres
 SEC 8 TWP 23S RANGE 17W COUNTY Palmer STATE Kansas
 WELL LOCATED C W/2 1/4 W/2 1/4 NE _____ FT. _____
 OF _____ LINE _____ FT. _____ OF _____ LINE OF _____
 DRILLING CONTRACTOR Hilton Drilling Co.
 PRICE PER FT. _____ DAY WORK RATE _____
 CONTRACTOR FURNISHED _____
 DRILLING IN CONT. _____ RATE PER DAY _____
 ROTARY COMMENCED 5/24/56 COMPLETED 6/5/56
 CABLE TOOLS COMMENCED _____ COMPLETED _____
 ELEVATION D. F. 2067' GROUND _____ ROT. B. _____
 ZERO POINT 7' above breden head TYPE OF WELL Oil

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 CONSERVATION DIVISION
 Wichita, Kansas

SAND RECORD:

	TOP	BOTTOM	THICKNESS

COMPLETION DATE 6/5/56
 T. D. ROTARY HOLE 4200'
 T. D. CABLE TOOL HOLE _____
 MAXIMUM DEVIATION _____
 PLUGGED BACK WITH _____
 PLUGGED BACK TO _____

CASING RECORD

SIZE O. D.	WEIGHT PER FT.	GRADE	LW OR SMLS	THREAD	CPLG	NEW OR S. H.	SET AT	CEMENT WITH	AQUA-GEL	SIZE HOLE	PULLED
<u>8-5/8"</u>	<u>24</u>						<u>200'</u>	<u>200</u>			
<u>5-1/2"</u>	<u>14</u>						<u>4200'</u>	<u>150</u>			

CENTRALIZERS _____ SHOE 27.99'
 TOP CEMENT BY SURVEY _____ SCHLUMBERGER TO _____

ACID TREATMENT, SHOT OR PERFORATING RECORD

DATE	TOTAL DEPTH	FROM	To	ANCHOR USED	SHELL DIA.	PRODUCTION BEFORE	AFTER	AMOUNT OF SHOT OR ACID	TORPEDO COMPANY
(See attached sheet)									

WATERFLOOD INFORMATION

CORE RECORD:
 DATE CORED _____
 TYPE OF BARREL USED _____
 CORING FLUID _____
 CORED FROM _____ TO _____
 TOTAL CORE RECOVERED _____
 PERCENTAGE RECOVERY _____

WELL COMPLETION DATA:
 T. D. WHEN COMPLETED _____
 ANCHOR USED _____
 PACKER SET AT _____
 CHAT FILLED TO _____
 PACKER CEMENT: BOTTOM _____ TOP _____
 SACKS CEMENT USED _____

PRODUCTION RECORD

NOTE: GIVE ALL PRODUCTION DATA FOR FIRST FEW DAYS; SHOWING WHETHER NATURAL _____ AFTER SHOT _____ AFTER ACID _____

DATE	OIL BARRELS	GAS M. CUBIC FT.	WATER BARRELS	HOURS	METHOD	PRESSURES CASING/TUBING	REMARKS SIZE CHOKE, ETC.

APPROVED

cc: Wilson

WELL LOG

Sand & Clay	40
Clay	60
Shale & Clay	208
Shale	355
Red Bed and Sand	560
Sand	635
Red Bed and Sand	835
Red Bed	1075
Anhydrite	1125
Shale & Shells	1900
Shale & Lime	2060
Lime	2325
Lime & Sand	2425
Shale & Lime	3275
Lime	3647
Shale & Lime	3785
Lime	4155
Shale & Lime	4188
Shale	4194
Lime & Chert	4251
Sand, Shale & Lime	4300
Total Depth	4300

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 CONSERVATION DIVISION
 Wichita, Kansas

WELL STEM TESTS

DST #1: 4176-4188

Tool open 90 minutes, gas to surface in 4 minutes, recovered 600⁺ of oil. IFP 55%, FFP 250%, BHP 1005⁺ in 30 minutes.

DST #2: 4198-4220

Tool open 40 minutes, gas to surface in 2 minutes, oil to surface in 35 minutes, IFP 255%, FFP 670%, BHP 1000⁺ in 30 minutes.

CORRELATIONAL TOPS

Hoobner	3620	-1550
Brown Lime	3722	-1652
Lensing-K.C.	3731	-1661
Shaly Conglomerate	4157	-2087
Sand Conglomerate	4165	-2095
Cherty Conglomerate	4176	-2106
Mississippi Chert	4198	-2128
Miscner Sandstone	4218	-2178
Viola Chert	4295	-2215
R.T.D.	4300	