

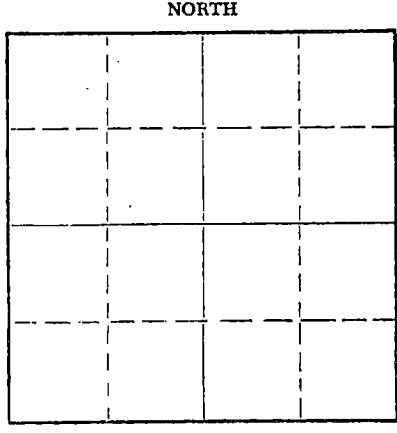
STATE OF KANSAS
STATE CORPORATION COMMISSION

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/SE/SW" or footage from lines. NW NW NE
Lease Owner Raymond Oil Co., Inc.
Lease Name L.J. Scharz #5 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 5/5/69 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 4282 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

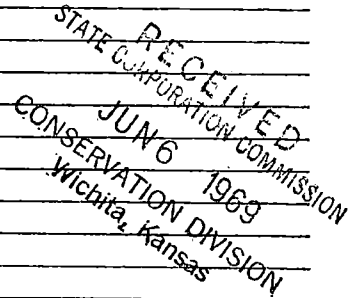
CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8	204	none
				5 1/2"	4281'	3350'

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 4282', ran sand to 4225' and ran 5 sacks of cement. Loaded hole with water, shot pipe at 3402', 3320', worked pipe loose and pulled 80 joints. Pumped 20 sacks of mud, 5 sacks of hulls and 100 sacks of cement.

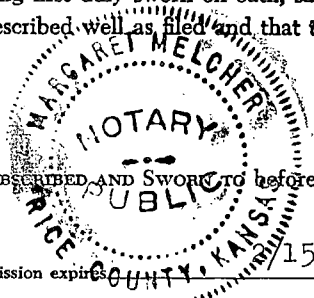
PLUGGING COMPLETE.



(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
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 as filed and that the same are true and correct. So help me God.

(Signature) [Signature]
CHASE, KANSAS
(Address)



SUBSCRIBED AND SWORN to before me this 4th day of June, 19 69
[Signature] Notary Public.

My commission expires 1/15/71

WELL LOG

15-145-01107-0000

WELL NO. 5 FARM L. J. SCHWARTZ

DEEP-ROCK INTEREST Hilton Brly. Co., Inc. PARTNER'S INTEREST _____

OVERRIDE OR OIL PAYMENT _____

LEASE DESCRIPTION _____ 320 Acres

SEC. 8 TWP. 23S RANGE 17W COUNTY Pawnee STATE Kansas

WELL LOCATED NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ FT. _____

OF _____ LINE _____ FT. _____ OF _____

DRILLING CONTRACTOR Hilton

PRICE PER FT. _____ DAY WORK RATE _____

CONTRACTOR FURNISHED _____

DRILLING IN CONT. Manning RATE PER DAY _____

ROTARY COMMENCED 7/23/54 COMPLETED 8/5/54

CABLE TOOLS COMMENCED 8/7/54 COMPLETED 8/16/54

ELEVATION D. F. 2067 GROUND _____ ROT. B. _____

ZERO POINT 7' above braden head TYPE OF WELL _____

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STATE CORPORATION COMMISSION
MAR 17 1969
CONSERVATION DIVISION
Wichita, Kansas

SAND RECORD:

	TOP	BOTTOM	THICKNESS

COMPLETION DATE 8/16/54

T. D. ROTARY HOLE 1282

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>24.8</u>						<u>204'</u>	<u>175</u>			
<u>5-1/2</u>	<u>15.54</u>						<u>1281'</u>	<u>150</u>			

CENTRALIZERS _____ SHOE _____

TOP CEMENT BY SURVEY _____ SCHLUMBERGER TO _____

ACID TREATMENT, SHOT OR PERFORATING RECORD

DATE	TOTAL DEPTH	FROM	TO	ANCHOR USED	SHELL DIA.	PRODUCTION BEFORE	PRODUCTION AFTER	AMOUNT OF SHOT OR ACID	TORPEDO COMPANY
(See other side.)									

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

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STATE CORPORATION COMMISSION
MAY 17
CONSERVATION DIVISION
Wichita, Kansas

15445-01107-0000

L. J. Scharz #5

Additional Information:

WTD 4284'. 5 1/2" 15.5# set at 4282'. Spang 5rd casing w/Baker guide shoe and float collar Baker H-15 Centralizers @ 4272, 4250, 4218, 4170. Scratchers @ 4267, 4245, 4219, 4165, 4125. Float collars @ 4243. Casing collars @ 4198.87, 4157.95, 4118.98, 4078.14, 4037.05, 3996.32. Casing @ 4282. Cemented w/150 sz. common cement, shoe joint 39.00, zero point 7 ft above braden head. Hailed hole out, cemented to 4261', logged and perforated 4224-30 w/LW 6 shots per foot, w/4-4's. Well showed trace of drilling H2O and mud w/est. 3 bbls. oil per hr. One hr. test. Run 2" EUE tubing w/Guleberson packer to 4212, fraced w/200 gals. mud acid, M.P. 1200#, Br. to 650#, 20 bbls. oil flush, M.P. 2300#, Br. to 2100#. Run 5000 gals Petrofrac w/7500# 40-60 sand, M.P. 5500, Br. to 5100. Flushed w/70 bbls oil, shut w/1450#, Max. on casing 750#. Released tool & pulled tubing, tubing ran back to 4255, swabbed thru tubing after recovery of 165 bbls. Pulled tubing, well swabbed thru casing. Perf. 4224-30 w/LW "H" gun 2 shots per foot. Well showed no increase. Fraced w/300 Fixfrac, 4000 gals. Petrofrac, 3000# 20-40 sand. Packer pulled & tested thru casing, well showed 7 1/2-8 bbls. oil per hour w/7% H2O. Put on pump 8-16-54.

Well logs

Sand and clay	75
Shale	120
Sand streak & shale	185
Shale, grey	205
Shale, shells & sand	355
Red bed & sand	485
Red bed	560
Sand	635
Red bed & shale	1100
Anhydrite	1125
Shale & shells	1275
Shale & salt	1425
Lime & shale	2225
Lime	2335
Sand & lime	2415
Shale & lime	2615
Lime	2685
Shale & lime	3252
Lime	3648
Shale & lime	3721
Lime	4049
Shale & lime	4114
Lime	4151
Congl.	4174
Chert, lime & shale	4262
Lime & chert	4282
Total depth	4282

DST #1

4202-4178

24' anchor BHP 1295#
Gas to surface in 6 min. 3320' oil tool open 1 hour.

4202-4178

Formation tops:

Anhydrite	1100	
Heebner	3615	-1545
Br. Lime	3721	-1651
Lansing-K.G.	3729	-1659
Shaley congl.	4149	-2079
Congl. sand	4167	-2097
Cherty congl.	4177	-2107
Mississippi	4189	-2119
Wicener	4221	-2151
Viola	4263	-2196
RTD	4282	-2212