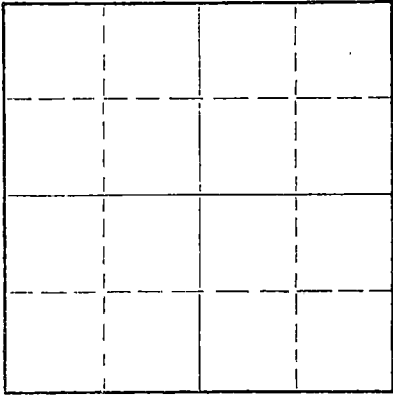


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Pawnee County, Sec. 8 Twp. 23 Rge. 17 (E) (W)
Location as "NE/CNW/SW" or footage from lines. NW SE SW
Lease Owner Raymond Oil Co., Inc.
Lease Name J. Schartz #8 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 7 6/4/69 19____
Plugging completed 7/25/69 19____
Reason for abandonment of well or producing formation depleted.

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 4326 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	279	none
				5 1/2"	4323'	3094'

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 4305', ran sand to 4200', ran 5 sacks of cement.
Loaded hole with water, shot pipe at 3320', 3200', spotted 80
barrels oil and 78 barrels water at 700 lb. pressure, worked pipe
to 28" tension, worked pipe to 37" tension. Checked hole to 3100',
shot pipe at 3080', got loose and pulled 76 joints, pumped 20 sacks
of mud, 5 sacks of hulls and 100 sacks of cement to plug well.

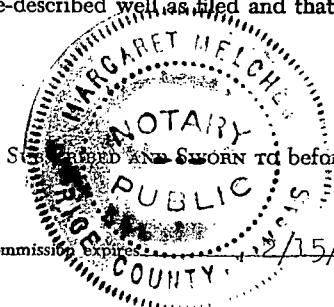
PLUGGING COMPLETE.

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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 as 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 28th day of July, 19 69
Margaret Melcher
Notary Public.

WELL LOG

15-149-61121-0000

WELL NO. 8 FARM J. Schartz
 DEED INTEREST 50% PARTNER'S INTEREST Big Chief 25%, Youcano 25%
 OVERRIDE OR OIL PAYMENT _____
 LEASE DESCRIPTION SW 1/4 of Sec. 6-23S-17W
 SEC. 8 TWP. 23S RANGE 17W COUNTY Pawnee STATE Kansas
 WELL LOCATED NW 1/4 SE 1/4 SW 1/4 990 FT. North
 OF South LINE 1650 FT. East OF West LINE OF Sec. 8
 DRILLING CONTRACTOR Gabbert-Jones Drilling Company, Wichita, Kansas
 PRICE PER FT. \$2.15 DAY WORK RATE \$480. w/dp & \$400. w-o dp
 CONTRACTOR FURNISHED _____
 DRILLING IN CONT. Pawnee Drilling Co., Great Bend RATE PER DAY \$250. per day
 ROTARY COMMENCED January 6, 1957 COMPLETED January 26, 1957
 CABLE TOOLS COMMENCED January 29, 1957 COMPLETED February 3, 1957
 ELEVATION D. F. 2036' GROUND 2034' ROT. B. 2039'
 ZERO POINT Rob. Bushing (5.35' above bradenhead) OF WELL Oil Well

SAND RECORD:

TOP	BOTTOM	THICKNESS	COMPLETION DATE
			ROTARY HOLE <u>4326'</u>
			T. D. CABLE TOOL HOLE <u>4305 1/2 BPTD</u>
			MAXIMUM DEVIATION <u>2° @ 3550' - 3805' & 4005'</u>
			PLUGGED BACK WITH <u>Cement not drilled out</u>
			PLUGGED BACK TO <u>4305 1/2</u>

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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>22.4#</u>	<u>J-55</u>	<u>Stls.</u>	<u>8rd</u>	<u>Hgc. 2</u>	<u>New</u>	<u>279</u>	<u>175sk</u>	<u>2% c.c</u>	<u>12 1/2</u>	<u>None</u>
<u>5-1/2</u>	<u>15.5#</u>	<u>J-55</u>	<u>Stls.</u>	<u>8rd</u>		<u>New</u>	<u>4323</u>	<u>150sk</u>		<u>7-7/8</u>	<u>None</u>

CENTRALIZERS 4193, 4216, 4255, 4297, 4320 SHOE Larkin Shoe & Baker Float
 TOP CEMENT BY SURVEY 3725' SCHLUMBERGER TO 4313

ACID TREATMENT, SHOT OR PERFORATING RECORD

DATE	TOTAL DEPTH	FROM	TO	ANCHOR USED	SHELL DIA.	PRODUCTION		AMOUNT OF SHOT OR ACID	TORPEDO COMPANY
						BEFORE	AFTER		
<u>1-30-57</u>	<u>4305 1/2</u>	<u>4232</u>	<u>4244</u>	<u>Perf</u>	<u>15/32</u>	<u>0</u>	<u>1/2 BPPH</u>	<u>71 bullets</u>	<u>Lane-Wells</u>
<u>1-30-57</u>	<u>4305 1/2</u>	<u>4232</u>	<u>4244</u>	<u>Acidized</u>		<u>1/2 BPPH</u>	<u>1 BPPH</u>	<u>300 Gal. WCA</u>	<u>Dowells</u>
<u>2-1-57</u>	<u>4305 1/2</u>	<u>4232</u>	<u>4244</u>	<u>Petrofrac</u>		<u>1 BPPH</u>	<u>5 BOPH</u>	<u>15000 gal. oil</u>	
								<u>& 15000" SD</u>	<u>Dowell</u>

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.
<u>2-12-57</u>	<u>40</u>		<u>15</u>	<u>8</u>	<u>Pump</u>	<u>State Potential Test</u>	

ORIGINAL SIGNED BY JACK. SMITH

APPROVED

DRILLERS LOG - F

0 - 60 Sand
 60 - 120 Shale & sand
 120 - 279 Shale & shells
 279 - 470 Shale & Red Bed
 470 - 479 Lime
 479 - 900 Red Bed & Shale
 900 - 1105 Shale & lime
 1105 - 1135 Anhydrite
 1135 - 1403 Shale & shells
 1403 - 1565 Shale & lime
 1565 - 2015 Shale & shells
 2015 - 2025 Shale & lime
 2025 - 2150 Lime
 2150 - 2360 Lime & shale
 2360 - 2485 Lime
 2485 - 3299 Shale & lime
 3299 - 3370 Lime
 3370 - 3655 Shale & lime
 3655 - 3685 Lime
 3685 - 3810 Lime & shale
 3810 - 4075 Lime
 4075 - 4219 Lime & shale
 4219 - 4245 Conglomerate
 4245 - 4268 Lime
 4268 - 4291 Lime & shale
 4291 - 4324 Lime
 4324 Rtd

GEOLOGICAL TOPS

BY: Gerald J. Kathol

Hoebner 3654' Schl. Meas.
 Toronto 3674'
 Brown lime 3762'
 Lansing 3769'
 Conglomerate Shale 4194'
 Chert Conglomerate 4210'
 Mississippi Chat 4253'
 Misener Sand 4277'
 Viola 4297'

DRILL STEM TESTS

No. 1 4191' - 4224' Schl. Meas.
 Tool open one hour, weak blow, re-
 covered 25' of mud w/few oil specks.
 FP. o#, 30 min. SIBHP 35%.
 No. 2 4235' - 4243' Schl.
 Set packer and took 20 min. initial
 BHP TOOD open one hour, gas to sur-
 face in 23 min. recovered 200' heavy
 free oil and 10' water. Initial BHP
 1000#, 20 min, SIBHP 900#, 1 FP 40#,
 FFP 150%.
 No. 3 4245' - 4273' Schl.
 Tool open one hour, fair to good blow,
 recovered 190' oil cut mud. No. initial
 BHP obtained. 30 min. SIBHP 765#, 1FP
 35%, FFP 100%.

No. 4 4274' -

Tool open one hour, fair to weak blow
 recovered 65' slightly oil cut mud.
 Initial 30 min. BHP 1230# 30 min SIBHP
 180#, 1 FP 25#, FFP 38%.

15-145-01121-0000

CORING RECORD

No. 1 4214' - 4224' Schl. recovered 9 1/2'.
 4214-18 1/2 Sand, chert & shale, bleeding
 oil & gas.
 4218 1/2 - 23 1/2 Shale, no show.
 4223 1/2 - 24 Lost
 No. 2 4226' - 4235' Schl. recovered 7'.
 4226-27' Lost-believed to be shale
 4227-33 Red & green shale
 4233-34 Chert & shale, very slight
 show of oil
 4234-35 Lost- believed to be as above
 No. 3 4235' - 4243' Schl. recovered 1 1/2'.
 4235-36 1/2 Conglomerate, chert & shale
 trace of free oil & odor..
 4236 1/2 - 43 Lost - believed to be same as
 above, probably more porous.
 No. 4 4280' - 4295' Schl. recovered 15'.
 4280-81 Sand, free oil & good saturation
 4281-82 Shale
 4282 1/2 - 85 1/2 Sandy shale & shaley sand, poor
 porosity and no oil.
 4285 1/2 - 91 Shale
 4291-95 Lime & shale.

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COMPLETION RECORD

Moved in and rigged up cable tools. Bailed mud
 and ran Lane-Wells log to 4305 1/2' PETD. Perforated
 from 4232-44' with 71-15/32" bullets. Bailed 2
 hours, well making 10 gal. of fluid per hour, oil
 and oil cut mud. Treated with 300 gal. of mud
 acid down the casing. Total load 108 BF. Max.
 treating pressure 350#, final pressure 400#,
 Swabbed load back and tested. Well averaged 1
 BFPH, 16% wtr. on 4 hr. test after recovering
 load. Ran tubing and fraced with 15,000 gal. oil
 and 15,000# of sand. Loaded hole with 95 BO and
 broke down formation with 28 BO. Breakdown pres-
 sure 2400#. Treating pressure 2400#, injection
 rate 18 bbl./min. with 2 pumps. Flushed with 126
 BO. Total load to recover 602 BO. Swabbed back
 727 BF in 42 hrs. 6-11% water. Ran rods and re-
 leased cable tools February 3, 1957. Set unit
 and put on pump 2/8/57. Took state potential
 2/12/57, well pumped 8 hours at the rate of
 120 BOPD plus 44 BWPD (27% water.)