

WELL PLUGGING RECORD 15-149-60205-0060

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 SE SE SW

Lease Owner Raymond Oil Co., Inc.

Lease Name J. Schartz #1 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

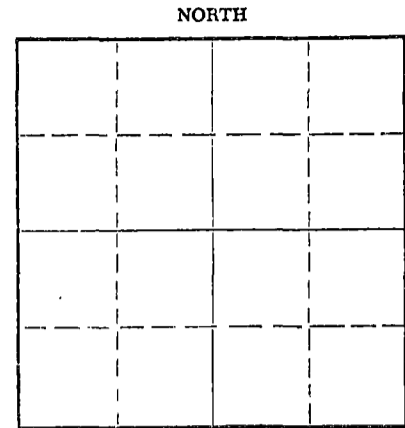
Plugging commenced 7/17/69 19

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Massey

Producing formation Depth to top Bottom Total Depth of Well 4543 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	244	none
				5 1/2"	4303'	2832'

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 4321', ran sand to 4280' and ran 5 sacks of cement.  
Shot pipe at 3434', 3332', 3227', spotted 70 barrels oil and ran plug to 3150', worked pipe, shot pipe at 3107', 3010', 2916', 2820', worked pipe loose and pulled 90 joints. Pumped 20 sacks of mud, 5 sacks of hulls and 100 sacks of cement to plug well.

PLUGGING COMPLETE.

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JUL 31 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

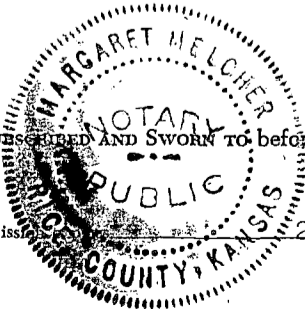
(employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Noel Knight  
Chase, Kansas

(Address)

Subscribed AND SWORN TO before me this 28th day of July 1969

My commission expires 2/15/71



Margaret Melcher  
Notary Public.

WELL LOG

15-149-60205-0000

WELL NO. \_\_\_\_\_ FARM Richards  
 DRILLING CONTRACTOR Hilton Drilling Company PARTNER'S INTEREST \_\_\_\_\_  
 OVERRIDE OR OIL PAYMENT \_\_\_\_\_  
 LEASE DESCRIPTION 160 Acres  
 SEC. 8 TWP. 23S RANGE 17W COUNTY Lawrence STATE Kansas  
 WELL LOCATED SE 1/4 SE 1/4 SW 1/4 FT. \_\_\_\_\_  
 OF \_\_\_\_\_ LINE \_\_\_\_\_ FT. \_\_\_\_\_ OF \_\_\_\_\_ LINE OF \_\_\_\_\_  
 DRILLING CONTRACTOR Staked by Hilton  
 PRICE PER FT. \_\_\_\_\_ DAY WORK RATE \_\_\_\_\_  
 CONTRACTOR FURNISHED \_\_\_\_\_  
 DRILLING IN CONT. \_\_\_\_\_ RATE PER DAY \_\_\_\_\_  
 ROTARY COMMENCED 1/2/51 COMPLETED 1/20/51  
 CABLE TOOLS COMMENCED \_\_\_\_\_ COMPLETED \_\_\_\_\_  
 ELEVATION D. F. \_\_\_\_\_ GROUND \_\_\_\_\_ ROT. B. 2098 KH  
 ZERO POINT \_\_\_\_\_ TYPE OF WELL Oil

SAND RECORD:

	TOP	BOTTOM	THICKNESS

COMPLETION DATE 1-20-51  
 T. D. ROTARY HOLE 1513'  
 T. D. CABLE TOOL HOLE \_\_\_\_\_  
 MAXIMUM DEVIATION \_\_\_\_\_  
 PLUGGED BACK WITH Crushed Rock  
 PLUGGED BACK TO 1321'

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>2-3/4"</u>	<u>21#</u>						<u>244</u>	<u>200</u>			
<u>5-1/2"</u>	<u>11#</u>						<u>1303</u>	<u>125</u>			

CENTRALIZERS \_\_\_\_\_ SHOE 1302'  
 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

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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>2-2-51</u>	<u>118</u>		<u>154</u>	<u>24</u>	<u>Pump</u>		

APPROVED

cc: G.R. Wilson

15-145-06285-0000

Manning Drilling Company; tools picked up plug at 4301', shot 2-24-54, run Dowell calliper and collar log. Plugged hole back from 4543' to 4321' with crushed rock. Dowell plastic plug from 4321' to 4309', treatment completed 8:30 p.m. 1-24-54. Cleaned out to bottom well, made 2.43 bbls. water with trace oil every 2 hrs. 4 hr. test. 1-29-54: put 600' fluid in hole, shot with GCM 1' off bottom, 6" of shoe, well swabbed .93 bbls. hr. for 12 hrs. with trace of oil. Went in hole with Baker packer to Sand Frac well, 200 gal. mud acid, 5000 gal. oil, 10,000# sand. Max. press. 3000 PSI, final press. 1000 PSI. 1 min. pressure drop 1200 PSI, 5 min. pressure drop 200 PSI. Swab through 2" tubing, 2" tubing pulled. Fluid level approx. 1500', swabbed down to 3300', swabbed 22 bbls. per hr., 33% oil, 70% water. Swab test through casing, 18 bbls. per hr. 1 1/2 sand on bottom. Swab test 18 bbls. fluid per hr. 2-3-54: put on pump. 3-1-54: Pot. 148 bbls., 45% water.

	FROM	TO
Sand, Clay & Gravel		125
Blue Shale & Shells		245
Shale, Shells & Sand		300
Shale & Shells		375
Red Bed		595
Sand		655
Red Bed		1125
Anhydrite		1154
Shale & Shells		1635
Lime & Shale		2025
Lime		2400
Sand		2420
Lime		2540
Lime & Shale		3340
Lime		3698
Lime & Shale		3776
Lime		4116
Lime & Shale		4232
Lime, Shale & Chert		4299
Sand		4316
Shale & Chert		4329
Shale		4338
Lime & Chert		4398
Lime, Chert & Shale		4439
Lime & Chert		4458
Lime & Shale		4489
Lime, Shale & Sand		4527
Lime		4543
Total Depth		4543

DST #2: 4305-29 (Schl. 4301-25)  
Halliburton-Misener  
Tool open 2 hrs. w/strong blow thru-out. Rec. 150' fluid (30' oil & gas cut mud, 90' heavy oil cut mud, 30' water. BHP 20" 850#.

DST #3: 4529-33 (Schl. 4525-29)  
Halliburton-Arbuckle  
Tool open 1 hr. strong blow thru-out. Rec. 2760' sulphur water. BHP 20 min. 1470# IFP 120#; YFP 1220#

Oil shows found in Misener, Mississippi and cherty congl.

FORMATION TOPS:	From	To
Anhydrite	1125	914
Heebner Shale	3668	1570
Douglas Shale	3699	1601
Brown Lime	3775	1677
Lensing KC	3782	1684
Base Kansas City	4143	2045
Shaley Conglomerate	4207	2109
Cherty Conglomerate	4248	2150
Mississippi	4261	2163
Kinderhood Sand	4299	2201
(Misener 17' thick)		
Viola	4338	2210
Simpson Shale	4488	2390
Arbuckle	4529	2431
R.T.D.	4543	2445

CORING  
Coro #1 (Schl. 4297-4325)  
(4301-4329) - Full recovery

DRILL STEM TESTS  
DST #1: 4275-4303 (Schl. 4271-4279)  
Halliburton-Mississippi, tool open 2 hrs. w/medium to weak blow 1st hr & decrease to very weak. Rec. 90' very slightly oil & gas cut mud. BHP 20 min. 145#.

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