

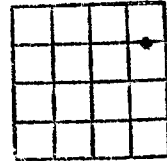
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

Company- HUNKLE OIL CO.
 Farm- Riedel No. 1

SEC. 27 T. 13 R. 16W
 C E $\frac{1}{2}$ NE

Total Depth. 3457'
 Comm. 9-25-57 Comp. 10-5-57
 Shot or Treated.
 Contractor. Garvey Drlg. Co.
 Issued. 1-4-58

County Ellis
 KANSAS



Elevation. 1959' DF

Production. 59 BOPD

CASING:

8 5/8" 193.45' w/125 sx cem.
 5 1/2" 3453' w/500 s. cem.

Figures indicate Bottom of Formations.

sand-shale	427
shale-iron	447 ✓
iron-sand	495 ✓
shale	550
sand-shale-red bed	1054
Anhydrite	1089
shale-shells	1820
shale-lime	2555
shale-shells	2725
shale	2895
lime-shale	3050
lime	3113
lime-shale	3213
lime	3390
lime-shale	3455 RTD
lime-shale	3457
Total Depth	

TOPS:

Anhydrite	1054
Heebner	3148
Lansing-Kansas City	3196
Gorham sand	3453

pi

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5290 name Hinkle Oil Company address 1016 Union Center Building City/State/Zip Wichita, Kansas 67202

Operator Contact Person Orvie Howell Phone (316) 267-0231

Contractor: license # NA name Garvey Drilling Co.

Wellsite Geologist James Ralstin Phone (316) 262-3223

Design & Type of Completion *Depleted Oil Well [] New Well [] Re-Entry [] Workover [X] Oil [] SWD [] Temp Abd [] Gas [] Inj [] Delayed Comp. [] Dry [] Other (Core, Water Supply etc.)

If OWWO: old well info as follows: Operator NA Well Name Comp. Date Old Total Depth

WELL HISTORY

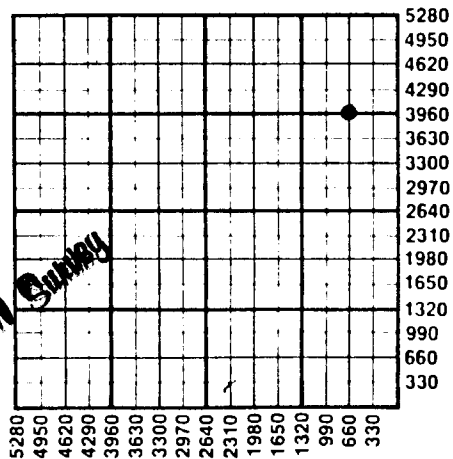
Drilling Method: [X] Mud Rotary [] Air Rotary [] Cable 9-27-57 10-5-57 10-8-57 Spud Date Date Reached TD Completion Date 3457 3457 Total Depth PBTD Amount of Surface Pipe Set and Cemented at 193.45 feet Multiple Stage Cementing Collar Used? [X] Yes [] No If Yes, Show Depth Set 1078 feet

If alternate 2 completion, cement circulated from 1078 feet depth to Surface w/ 400 SX cmt

API NO. 15-NA 1957 KC-KCC County Ellis C E2 NE4 (location) Sec 27 Twp 13S Rge 16 3960 Ft North from Southeast Corner of Section 660 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name Riedel Well# 1 Field Name Air Base Producing Formation Gorham Sand Elevation: Ground 1956 KB 1961

Section Plat



JUL 24 1988 State Geologist's Survey

WATER SUPPLY INFORMATION

Source of Water: Division of Water Resources Permit # NA [] Groundwater NA Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge [] East [] West [] Surface Water NA Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge [] East [] West [] Other (explain) NA (purchased from city, R.W.D.#)

Disposition of Produced Water: [] Disposal [] Repressuring Docket # NA

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name Hinkle Oil Co. Lease Name Riedel Well# 1 SEC 27 TWP. 13S RGE. 16

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
HEEBNER	3148	
TORONTO	3170	
LANSING-KANSAS CITY	3196	
GORHAM SAND	3453	
TOTAL DEPTH	3457	

DST #1 3198-3229: Open 1 Hr. Recovered 28' mud with few specks of oil. IBHP 0 - 20" IFP 0. FFP 0, FBHP 0 - 20".

DST #2 3266-3289: Open 1 Hr. Recovered 85' muddy salt water. IBHP 980# - 20". IFP: 0, FFP: 0, FBHP: 940# - 20"

DST #3 3445-3457: Open 1 Hr. Recovered 180' gas, 1260' clean oil, 60' muddy oil. IBHP: 1053# in 20 minutes. IFP: 133#, FFP: 630#, FBHP: 1035# in 20 minutes.

TUBING RECORD size <u>NA</u> set at - packer at -		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)		
Estimated Production Per 24 Hours	Oil	Gas	Water
	<u>NA</u> Bbls	<u>NA</u> MCF	<u>NA</u> Bbls
	Gas-Oil Ratio		Gravity
			<u>CFPB</u>

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

3453-57

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12 1/2	8.5/8	32	193.45	Common	125 sx	2% CaCl
Production	7.7/8	5.1/2	15.5	3453	Common	100 sx	
DV Tool @ 1078' Cemented to surface with 400 sx. cement							

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
	Squeezed holes in casing @ 2440 with 250 sx common cement (6-16-79)		