

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Reno SEC. 17 TWP. 24S RGE. 8W E/W
Location as in quarters or footage from lines:

SE SW NE

Locate Well
correctly on above
Section Platt.

Lease Owner Hinkle Oil Company
Lease Name Morton #1 Well No. _____
Office Address 1016 Union Center Wichita, Kansas 67202
Character of Well (Completed as Oil, Gas or Dry Hole): _____
Date Well Completed _____
Application for plugging filed _____
Plugging commenced 3-18-83
Plugging completed 3-23-83
Reason for abandonment of well or producing formation _____

Depleted

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Maurice Leslie

Producing formation _____ Depth to top _____ bottom _____ T.D. 3075'

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"	268'	none
				4-1/2"	2948'	1085'

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 hold. If cement
or other plugs were used, state the character of same and depth placed, from _____ feet
to _____ feet for each plug set.

Pumped bottom with 1 sack hulls and 50 sacks cement, plug stopped @1450'. Plug
dropped to 1950', pumped in 1 sack hulls and 10 sacks cement and plug stopped
@1105'. Shot casing @1100' and pulled a total of 33 joints of 4-1/2" casing.
Plugged well with 3 hulls, 6 gel, released plug and displaced with 115 sacks
50/50 pos, 2% gel, 3% cc.

Plugging Complete.

(If additional description is necessary, use BACK of this sheet)

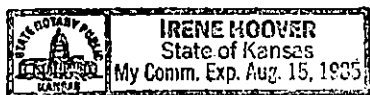
Name of Plugging Contractor Kelso Casing Pulling

STATE OF Kansas COUNTY OF Rice, ss.

B. Darrell Kelso (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) B. Darrell Kelso
Box 347 Chase, Kansas 67524
(Address)

SUBSCRIBED AND SWORN TO before me this 24th day of March, 1983



Irene Hoover
STATE CORPORATION COMMISSION Notary Public.

My Commission expires:

MAR 25 1983
3-25-83
CONSERVATION DIVISION
Wichita, Kansas

KANSAS DRILLERS LOG

RECEIVED
STATE CORPORATION COMMISSION
JAN 24 1983
CONSERVATION DIVISION
Wichita, Kansas

S. 17 T. 24S R. 8 ^{XX}_E
W
Loc. SE SW NE
County Reno

API No. 15 — 155 — 20319
County Number

Operator
Hinkle Oil Company

Address
1016 Union Center, Wichita, Kansas 67202

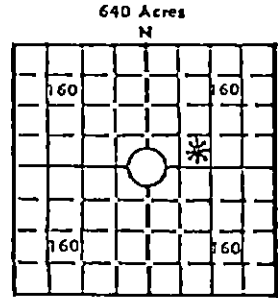
Well No. 1 Lease Name Morton

Footage Location
330 feet from ^{XX}(S) line 990 feet from ^{XX}(W) line

Principal Contractor Search Drilling Co. Geologist Orvie Howell

Spud Date 11-28-75 Total Depth 3075 P.B.T.D. 2899

Date Completed 12-18-75 ^{XXX}Purchaser Gas Cities Service Gas Co.



Elev.: Gr. 1657
DF 1659 KB 1662

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (In O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	23	268	Common	200	2% CaCl
Production	7 7/8"	4 1/2"	9.5	2948	50-50 Posmix	350	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP Jets	1535-39 6-7-79
			3	DP Jets	2547-51
			3	DP Jets	2610-15

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal. 15% HCL	2610-15
250 Gal. Alcohol Acid	2547-51
500 gal MCA + 1500 gal 28% HCL Acid	1535-39

INITIAL PRODUCTION

Date of first production 2-10-76	Producing method (flowing, pumping, gas lift, etc.) Flowing		
RATE OF PRODUCTION PER 24 HOURS	Oil Gas Top - 830 MCF Severy - 830 MCF	Water No	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold	Producing interval (s) 2610-15 (Top) 2547-51 (Severy)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Hinkle Oil Company** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Gas**

Well No. **1** Lease Name **Morton**

S **17** T **24S** R **8** ^{XX} W **Radiation Guard Log**

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 1360-1495 (Herington-Towanda-Ft. Riley) Open: 30" - 30" - 60" - 30" Recovery: 60' of gassy mud IBHP: 243#, IFP: 101#, FFP: 101#, FBHP: 284#.			Anhydrite Herington Winfield Towanda Ft. Riley Base Florence	248 1346 1401 1472 1511
DST #2 1530-1575 (Ft. Riley) Open: 30" - 30" 90" - 60" Gas to surface in 30 minutes, burnable gas 10" 25,800 CFGPD 20" Taking gas samples 30" 26,600 CFGPD 40" 27,300 CFGPD 50" 28,000 CFGPD 60" 29,400 CFGPD 70" 30,700 CFGPD 80" 31,800 CFGPD 90" 33,200 CFGPD Gas still building, did not stabilize Recovery: 240' gassy mud, IBHP: 467#, IFP: 81#, FFP: 101#, FBHP: 487#			Flint Red Eagle Pennsylvanian Langdon Sand Zone Stotler Tarkio Howard Severy Shale Severy Sand Topeka Heebner Douglas Douglas Sand	1606 1951 2101 2190 2276 2332 2485 2541 2546 2591 2951 2972 2986
DST #3 2495-2557 (Severy) Open: 30" 30" - 60" - 30" Gas to surface in 4 minutes Initial Flow Period 10" 2,319 MCF 20" 2,675 MCF 30" 2,750 MCF Second Flow Period 10" 2,916 MCF 20" 3,036 MCF 30" 3,036 MCF Gas stabilized at 3,036 MCF, Recovery: 120' gassy mud, no water, IBHP: 1005#, IFP: 647#, FFP: 906#, FBHP: 1005#				
DST #4 2600-2640 (Topeka) Open: 30" - 30" - 60" - 30", Gas to surface immediately				

STATE RECEIVED
 CONSERVATION DIVISION
 WICHITA, KANSAS
 JAN 24 1983

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature
	Title
	Date

Operator

Hinkle Oil Company

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Gas

Well No.

1

Lease Name

Morton

S 17 T 24S R 8 XX
W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Initial Flow Period				
10" 2,916 MCF				
20" 3,036 MCF				
30" 3,095 MCF				
Second Flow Period				
10" 3,155 MCF and stabilized				
20" 3,155 MCF and stabilized				
30" 3,155 MCF and stabilized				
Recovery: 125' gassy mud				
IBHP: 1026#, IFP: 786#, FFP: 866#,				
FBHP: 1026#				
CONTRACTOR'S DRILLERS LOG ENCLOSED				

RECEIVED
 STATE COMMISSIONER OF GEASALSIC
 JAN 24 1983
 SUPERVISOR DIVISION
 Wichita, Kansas

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Orvie Howell

Signature

Exploration Manager

Title

February 23, 1979

Date

DRILLERS LOG

#1 MORTON

CASING RECORD:
8 5/8" set at 270'
with 200 sacks cement

OPERATOR: Hinkle Oil Company
CONTRACTOR: Search Drilling Company

DESCRIPTION:
SE SW NE
Section 17-24S-8W
Reno County,
Kansas

TOTAL DEPTH:
3075'

COMMENCED: November 28, 1975
COMPLETED: December 5, 1975

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Clay and Shale	0	50	
Sand	50	80	
Redbed and Shale	80	319	
Clay, Redbed, Shale	319	785	
Anhydrite	785	800	
Shale and Lime	800	1215	
Lime and Shale	1215	2495	
Shale, Lime and Sand	2495	2557	
Lime and Shale	2557	2681	
Lime	2681	2802	
Lime and Shale	2802	3075	
Total Depth	3075		

9 joints new 4 1/2"
casing set at 2948',
cemented with 200 sacks
50-50 posmix, 4% Gel,
8# Gilsonite per sack,
150 sacks 50-50 posmix,
salt saturated, 8#
Gilsonite per sack.
Plug down at 5:30 P.M.

RECEIVED
STATE CORPORATION COMMISSION
JAN 24 1983
CONSERVATION DIVISION
Wichita, Kansas

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SEARCH DRILLING COMPANY

R. M. Wendling
R. M. Wendling

Subscribed and sworn to before me this 8th. day of December, 1975

My commission expires
February 19, 1975

MAXINE DRESSEN
NOTARY PUBLIC
SEDOWICK COUNTY, KANSAS
MY COMM. EXPIRES 1977

Maxine Dressen
Maxine Dressen

Notary Public
Notary Public