

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 # 9123  
name Diamond Shamrock Exploration Company  
address P. O. Box 400

City/State/Zip Amarillo, Texas 79188-0001

Operator Contact Person Jay Voorhis  
Phone 806/378-3851

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Charley V. Shank  
Phone 316/838-8464

PURCHASER Koch Oil Co.

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
1-26-85 2-03-85 3-15-85  
Spud Date Date Reached TD Completion Date

4020' 3938'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 335 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 335 feet depth to Surf. w/ 250 SX cmt

API NO. 15- 137-20,343-00-00  
County Norton  
NE SE NE Sec 27 Twp 4S Rge 25 X West  
(location)

3630 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

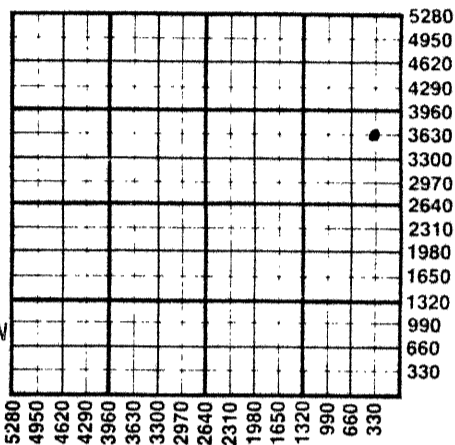
Lease Name Dean Hager Estate Well# 1-27

Field Name Undesignated HAGER

Producing Formation Lansing/Kansas

Elevation: Ground 2500 KB 2505 KC-KC

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION

MAR 21 1985

CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

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

Disposition of Produced Water:  Disposal  Repressuring  
Docket # CD-18116

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.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Jay Voorhis  
Title Production Engineer Date 3-18-85

Subscribed and sworn to before me this 18 day of March 19 85

Notary Public Patti Jones  
Date Commission Expires 5-06-85

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec. 27 Twp. 4 S. Rge. 25 W

**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
DST#1 - 3560-3622-30/60/30/60 - 1st open-weak blow decrease to 1/2" in 30 min. FP 42/42, SIP 1186, 2nd open-no blow, FP 52/52, SIP 1154. Rec. 30' drlg. mud, few specks oil in smapler.	Anhydrite	2133	
	Topeka	3368	
	Heebner	3560	
	Toronto	3586	
	Lansing	3600	
DST#2 - 3613-3664 - 30/60/90/120 - 1st open-strong blow off btm in 4 min. FP 127/134, SIP 1233, wnd open same as 1st. FP 393/589, SIP 1175. Rec 1252, Gassy oil & 298' slightly mud cuttoil. 95% oil.	B/KC	3795	
	Arbuckle	3963	
	TD	4014	
DST#3 - 3678-3735 - 30/30/15/30 - 1st open-weak 2" blow for 15 min. down to 1/2: in 15 min. FP 52/52, SIP 80. Rec. 40 mud w/few oil specks.			

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 1/4"	8 5/8"	24#	335	Class "A"	250	3%cc, 2% gel
Production	7 7/8"	4 1/2"	10.5	3995	EA2	300	
			DV tool @	2316	Howco Lite	600	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	3639-3643	1500 gals 15% NE	3639-43
4	3628-3632	2500 gals 15% NE	3623-32

TUBING RECORD			
size	2 3/8"	set at	3669 packer at
		Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) .....		
Estimated Production Per 24 Hours	Oil	Gas	Water
	48 Bbls	--- MCF	---
		Gas-Oil Ratio	Gravity
		CFPB	34° API @60°F

Disposition of gas:  vented  sold  used on lease

**METHOD OF COMPLETION**

open hole  perforation  other (specify) .....

Dually Completed.  Commingled

**PRODUCTION INTERVAL**

3639-3643

3628-3632