

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 Co.  
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 Drlg. Co.

Wellsite Geologist Michel L. Russell  
Phone 316-776-0133

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

10-27-84 11-03-84 1-08-85  
Spud Date Date Reached TD Completion Date

3653 3610  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 332 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1735 feet  
K.C.K.C.

If alternate 2 completion, cement circulated  
from 332 feet depth to Surf. w/ 240 SX cmt

API NO. 15-163-22,361 0000  
County Rooks  
SW SW SE Sec 3 Twp 7 Rge 20  
(location)

330 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

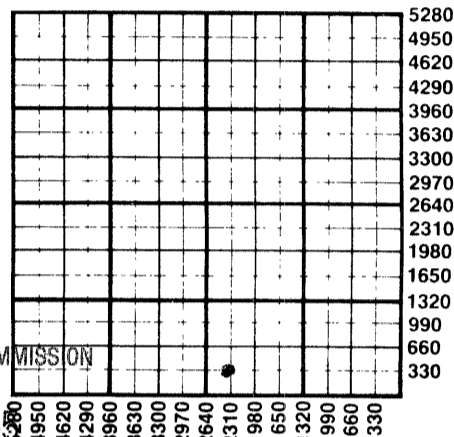
Lease Name Sandra K. Gottschalk Well# 1-3

Field Name Probasco

Producing Formation Lansing-Kansas City

Elevation: Ground 2174 KB 2180  
K.C.K.C.

Section Plat



RECEIVED  
1/17/85  
JAN 17 1985  
STATE CORPORATION COMMISSION

WATER SUPPLY INFORMATION

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-28,317  
C-21,754

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 1-11-85

Subscribed and sworn to before me this 11 day of January 19 85

Notary Public Patti Jones

Date Commission Expires 5-06-85 Patti Jones

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. 3, Twp. 7, Rge. 20

Diamond Shamrock  
Exploration Company

**SIDE TWO**  
Sandra K.

Operator Name ..... Lease Name Gottschalk Well# .1. SEC 3.... TWP. 7S.. RGE. 20....  East  West

**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
Topeka	3150	
Heebner	3355	
Toronto	3380	
Lansing	3397	
B/Kansas City	3598	
Arbuckle	3646	

DST#1 - 3384-3423 - 30/90/45/135, 1st open blow off btm of bucket in 4 min. FP 49/393, SIP 946. 2nd open - slight blow. 8" f/top of bucket decrease to 4" f/top. FP 408/589, SIP 930, Rec. 1410' clean oil (31° API @60°F) 120' oil cut mud.

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
Surf.	12 1/4"	8 5/8"	24#	332	"A"	240	3% cc.
Prod.	7 7/8"	4 1/2"	9.5#	3640	EA2	200	
					Howco lite	450	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	3559-3564	100 gal 15% Mud acid	3559-64
2	3543-46; 3582-85	2000 gal 15% NE acid	3543-85
4	3489-3492		3489-92
4	3474-3477	3000 gal 15% NE acid	3474-3477
4	3451-3453		3451-53

<b>TUBING RECORD</b>	size 2 3/8" set at 3597 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)	
11-29-84		
Estimated Production Per 24 Hours	Oil 239 Bbls	Gas --- MCF
	Water 49 Bbls	Gas-Oil Ratio --- CFPB
		Gravity

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**  
3451-3585

Dually Completed.  
 Commingled