

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 # 5381  
name Big Springs Drilling Co.

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

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

11-24-84 12-01-84 1-26-85  
Spud Date Date Reached TD Completion Date

3650' .....  
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at 329 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 174 feet  
Kc-Kc

If alternate 2 completion, cement circulated  
from 329 feet depth to Surface w/ 250 SX cmt

API NO. 15-163-22,554 0000  
County Rooks  
SE SW SE Sec 3 Twp 7S Rge 20 East West  
330 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

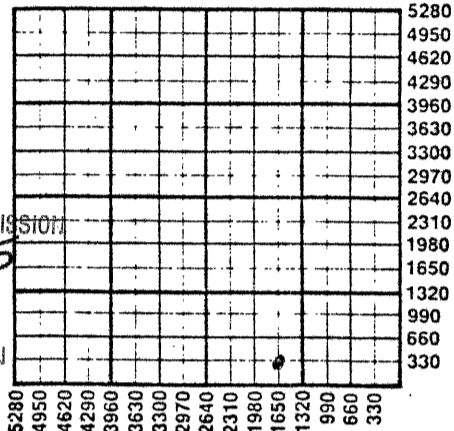
Lease Name Sandra K. Gottschalk Well# 4-3

Field Name Probasco

Producing Formation Lansing/Kansas City

Elevation: Ground 2175 KB 2180

Section Plat



RECEIVED  
01-31-85  
JAN 31 1985  
STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Not available at this time

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 1-28-85

Subscribed and sworn to before me this 28 day of January 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. 3, Twp. 7, Rge. 20

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test: 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 - 3362-3423 - 30/45/45/90 - IHP-1731, FHP 1700, 1st Per. 84-169, 2nd Per 158-222, ISIP 902, FSIP 902, Rec 738' muddy water. sampler 2000 cc water.	Anhydrite	1737	
	Topeka	3156	
	Heebner	3361	
DST#2 - 3435-3486 - 30/60/45/90 - 1st per. IFP 114, FFP 171, SIP 742, wnd Per. IFP 182, FFP 260, SIP 753, FHP 1751. D.P. rec'y 442' salt water.	Toronto	3385	
	Lansing	3402	
DST#3 - 3528-3601 - 30/60/30/60 - 1st Per. IFP 80, FFP 80, SIP 338, wnd Per. IFP 103, FFP 103, SIP 305; FHP 1804. DP rec'y 124' oil cut mud.	B/Kansas City	3604	
	Arbuckle	3639	
DST#4 - 3621-3650 - 30/60/15/30 - FHP 2010, 1st Per. IFP 46, FFP 46, SIP 80, 2nd Per. 1902. DP rec'y 1' drlg. mud.			

**CASING RECORD**  new  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	329	Class "A"	250	3% cc, 2% gel.
Production	7 7/8"	4 1/2"	9.5	3656	EA2	200	Flo-check

**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	3563-3572; 3550-3554	4000 gals 15% Non-Emul acid	3550-3572
		2000 gals 21% Gelled acid	
4	3490-3494	600 gals 15% Non-Emul Acid	3490-3494

**TUBING RECORD**

size 2 3/8" set at 3590 packer at ---

Liner Run  Yes  No

Date of First Production

Producing method

flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	59	-0-	4	---	
	Bbls	MCF	Bbls	CFPB	

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  
 sold  
 used on lease

open hole  perforation  
 other (specify)

3490-3572

Dually Completed.  
 Commingled