

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 # 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  
11-16-84 11-23-84 1-26-85  
Spud Date Date Reached TD Completion Date  
3645 ---  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 304 feet

Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 1735 feet

If alternate 2 completion, cement circulated from 304 feet depth to surface w/ 200 SX cmt

API NO. 15-163-22,553 0000  
County Rooks  
NE SW SE Sec. 3 Twp. 7S Rge. 20  East  West  
990 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

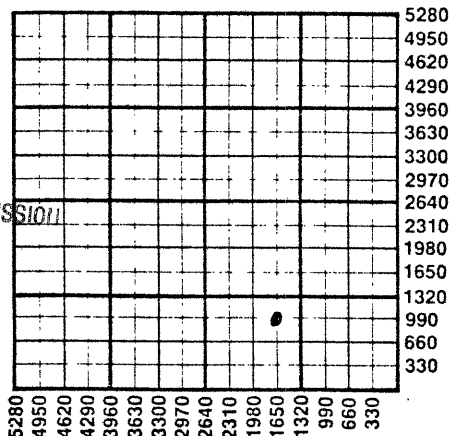
Lease Name Sandra K. Gottschalk Well# 3

Field Name Probasco

Producing Formation Lansing/Kansas City

Elevation: Ground 2170 KB 2175

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
1/31/85  
JAN 31 1985  
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 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)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec. 3 Twp. 7S Rge. 20

**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 - 3382-3422 - 30/60/15/30 - IFP-34-34, ISIP 968, FFP 34-40, FSIP - 952. Rec. 30' oil cut mud, 10% oil, 90% mud.	Anhydrite	1734	
	Topeka	3148	
DST#2 - 3432-3484 - 30/60/30/60 - IFP - 61-77, ISIP 796, FFP 86-102, FSIP 796. Rec. 2' clean oil, 120' oil cut mud, 20-25% oil.	Heebner	3352	
	Toronto	3375	
DST#3 - 3524-3597 - 30/60/30/60 - IFP 318-397, ISIP 1299, FFP 322-420, FSIP - 970, Rec. 205' watery mud, 255' muddy water.	Lansing	3391	
	B/KC	3595	
DST#4 - 3616-3645 - 30/60/15/30 - IFP 27-37, ISIP 954, FFP 37-37, FSIP 571, 20' Drlg. mud w/oil specks.	Arbuckle	3633	

**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#	304	Common	200	3% cc, 2% gel.
Production	7 7/8"	4 1/2"	9.5#	3628	EA2	200	Flow 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
4	3578-83; 3551-60; 3538-43	3000 gals 15% Non-Emul Acid	3538-83
4	3516-20	750 gals 15% Non-Emul Acid	3516-20
4	3470-76; 3463-65; 3455-58	1500 gals 15% Non-Emul Acid	3455-76
4	3430-34; 3388-91	1000 gals 15% MCA	3388-3434

**TUBING RECORD**

size 2 3/8" set at 3614 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
130	Bbls	-0- MCF	70 Bbls	---	

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify) .....  
 Dually Completed.  Commingled

3388-3583