

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 # 5418
name Allen Drilling Company
Box 1389, Great Bend, KS 67530

Wellsite Geologist Hal Clark
Phone 316-264-7464

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

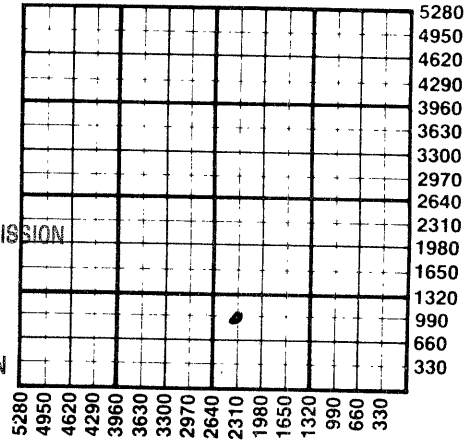
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
10-31-84 11-6-84 1-08-85
Spud Date Date Reached TD Completion Date
3652 3615
Total Depth PBTB
Amount of Surface Pipe Set and Cemented at 307 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1738 feet
If alternate 2 completion, cement circulated
from 307 feet depth to Surf. w/ 200 SX cmt

API NO. 15 - 163-22,528 6006
County Rooks
NW SW SE Sec 3 Twp 7 Rge 20 East
(location) West
990 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# 2-3
Field Name Probasco
Producing Formation Lansing/Kansas City
Elevation: Ground 2171' KB 2176'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
11/17/85
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-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

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

SIDE TWO

Sandra K.

Operator Name Diamond Shamrock Explor. Lease Name Gottschalk Well# 2-3 SEC. 3 TWP. 7 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

DST#1 - 3386-3425 - 30/90/30/90, 1st open Fair blow built to 10 1/2" into becket throughout. FP 49/89, SIP 929, 2nd open-fair blow built to 6" into bucket. FP 109/128, SIP 929, Rec. 20' clean oil, 90' gas & oil cut muddy water, & 120' muddy water. Sampler rec. 200 cc oil & 1600 cc water @100 psi.
 DST#2 - 3443-3475 - 30/90/30/90. 1st open-weak blow increase to 3" into bucket. FP 39/39, SIP 948. 2nd open - same as 1st. FP 59/59, SIP 899. Rec. 20' clean oil and 60' oil cut mud.

Name	Top	Bottom
Anhydrite	1733	
Heebner	3358	
Toronto	3380	
Lansing	3386	
B/Kansas City	3599	
Arbuckle	3640	

CASING RECORD <input type="checkbox"/> new <input checked="" 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 Casing	12-1/4"	8-5/8"	24#	307'	Class "A"	200 sks	2% gel
Production Csg	7-7/8"	4-1/2"	9.5#	3640'	Light	500 sks	

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	3584-88; 3562-66	2000 gals 15% Emuls Acid & 3000	3450-3588
4	3546-52; 3488-92	gals 20% Non-Emuls Acid	
4	3478-82; 3470-75		
4	3450-53		

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
size	2 3/8"	set at	3597	packer at	---

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)				
12-01-84					

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
57	Bbls	MCF	49	CFPB	

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) _____
 Dually Completed.
 Commingled

PRODUCTION INTERVAL
 3450-3588