

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 Todd Lovett
Phone 806/378-3848

Contractor: license # 5422
name Abercrombie Drilling Co.

Wellsite Geologist Peter Debenham
Phone 303-674-5110

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
2-03-85 2-11-85 2-11-85
Spud Date Date Reached TD Completion Date

3515
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 348 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 348 feet depth to Surf. w/ 250 SX cmt

API NO. 15 - 163-22,609 0000
County Rooks
SE NE SW Sec 28 Twp 7S Rge 20
1650 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

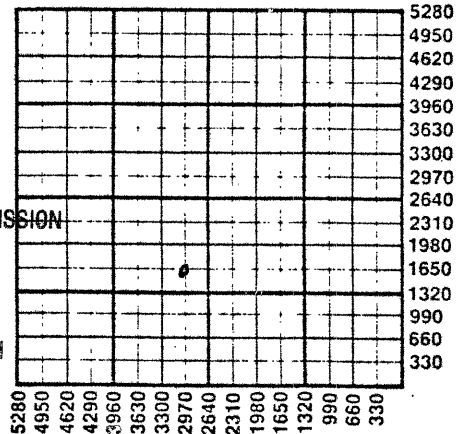
Lease Name Mark Berland Well# 1

Field Name

Producing Formation

Elevation: Ground 1994 KB 1999
KC-KCC

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
3/01/85
MAR 01 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 #

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 Todd Lovett

Title Drlg. Engineer II Date 2-26-85

Subscribed and sworn to before me this 26 day of February 19 85

Notary Public Patti Jones
Date Commission Expires 5-06-87

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. 28 Twp. 7. Rge. 20

Operator Name Diamond Shamrock Expl. Company Lease Name Mark Well# 1 SEC 28 TWP 7S RGE 20 East West

Berland
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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>1560</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3175</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3210</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3219</td> <td></td> </tr> <tr> <td>B/KC</td> <td>3425</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Stone Corral	1560		Heebner	3175		Toronto	3210		Lansing	3219		B/KC	3425	
Name	Top	Bottom																	
Stone Corral	1560																		
Heebner	3175																		
Toronto	3210																		
Lansing	3219																		
B/KC	3425																		
<p>DST#1 - 3242-3268-30/60/30/60 - 1st open slight blow built to 1/4" from top bucket. FP 10/20. SIP 915. 2nd open - very weak blow. FP 51/51, SIP 915. Rec. 15' drlg mud - no show oil or gas.</p> <p>DST#2 - 3297-3315-30/60/30/60 - 1st open-weak blow built to 10" strong blow. FP 51/82, SIP 1152. 2nd open-weak building to 5" fiar blow. FP 51/82, SIP 1152. Rec. 282 salt water, no show oil or gas.</p> <p>DST#3 - 3362-3435 - 30/60/30/60 - 1st open-weak surface blow. FP 51/51, SIP 516. 2nd open-no blow. FP 61/61, SIP 452. Rec. 5' w/few oil spots.</p> <p>DST#4 - 3462-3475 - 30/60/45/90. 1st open-slight blow building to 1/2". FP 20/20. SIP 658. 2nd open 1/2" steady blow. FP 30/30, SIP 473 rec. 10' oil 20' MCO-80% oil & 20% mud. no water. Sampler 1900 cc oil @250#.</p> <p>DST#5 - 3462-3485 - 30/60/45/90 - 1st open weak blow, FP 51/51, SIP 812. Rec. 50' oil & water cut mud. 55% mud, 30% oil & 15% water. Sampler rec. 1910 cc with same percentage as above of oil, water and mud. Sampler pressure 2000 psi.</p>																			

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	338	"A"	250	3% cc, 2% gel.
.....
.....
.....

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
.....
.....
.....
.....

TUBING RECORD	size	set at	packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------------	------	--------	-----------	--

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)
--------------------------	---

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas:Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL

