

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
Amarillo, TX 79188-0001
City/State Zip

Operator Contact Person Todd Lovett
Phone 806-378-3848

Contractor: license # 5381
name Big Springs Drilling Company

Wellsite Geologist Allen Munroe
Phone

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
1-29-85 2-05-85 2-05-85
Spud Date Date Reached TD Completion Date

3736
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 314 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from 314 feet depth to surface w/ 300 SX cmt

API NO. 15 - 137-20,351-00-00

County Norton

SE SW NE (location) Sec. 13 Twp. 4 Rge. 25 East West

2970 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

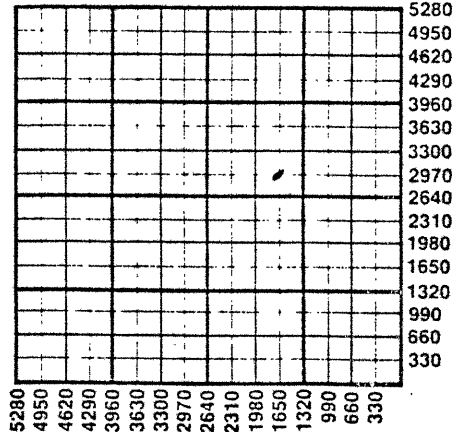
Lease Name Virgil E. Hager Well# 1-13

Field Name

Producing Formation

Elevation: Ground 2477' KB 2482
K-K2

Section Plat



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
STATE CORPORATION COMMISSION Repressuring

Docket # FEB 25 1985 225-85

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 Drilling Engineer II Date 2-20-85

Subscribed and sworn to before me this 20 day of February 19 85

Notary Public 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. 13, Twp. 4, Rge. 25

Operator Name **Diamond Shamrock Explorati** Lease Name **Virgil E. Hager** Well # **1-13** SEC. **13** TWP. **4** RGE. **25** 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 #	Interval	Name	Top	Bottom
DST #1	3498-3536-30/30/30/30- 1st per. IFP 20, FFP 20, SIP 70. 2nd per. D.P. rec'y 3' oil cut mud (4% oil) Sampler Rec'y 80cc 1520 cc mud.	Anhydrite	2070	
		Hubner Sh	3496	
		Toronto Ls	3524	
DST #2	3548-3600 - 30/60/30/60 1st per. IFP 30, FFP 30, SIP 111. 2nd per. IFP 40, FFP 40, SIP 242, FHP 1807. DP rec'y 6' Drlg mud.	Lansing LS	3538	
		B/KC	3728	
DST #3	3587-3688 - 30/60/30/60 1st per open 1" blow decreased to 1/4". FP 50/50, SIP 766, 2nd open weak surface blow. FP 50/50, SIP 666, Rec 10' drlg mud.			
DST #4	3654-3707 15/30/15/60. 1st open weak blow died in 4 min. FP 40/40, SIP 50. 2nd open-no blow. FP 50/50. SIP 60			

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 #	314'	class "A"	30	3% cc, 2% gal
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				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)

PRODUCTION INTERVAL

Dually Completed.
 Commingled