

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 4787
Name: T.D.I. OIL OPERATIONS
Address: 1310 BISON ROAD
City/State/Zip: HAYS, KS 67601
Purchaser: -----
Operator Contact Person: TOM DENNING
Phone: (785) 628-2593
Contractor: Name: T.D.I. OIL OPERATIONS
License: 4787
Wellsite Geologist: -----
Designate Type of Completion:
----- New Well ----- Re-Entry X Workover
----- Oil ----- SWD ----- SIOW ----- Temp. Abd.
----- Gas X ENHR ----- SIGW
----- Dry ----- Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: D OIL OPERATIONS
Well Name: DREILING A - 7
Original Comp. Date: 4/21/81 Original Total Depth: 3408
----- Deepening ----- Re-perf. X Conv. to Enhr./SWD
X Plug Back 3170 Plug Back Total Depth
----- Commingled ----- Docket No. -----
----- Dual Completion ----- Docket No. -----
X Other (SWD or Enhr.?) ----- Docket No. E-27,898
8/21/01 8/27/01 8/28/01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 051-22,367
County: ELLIS
SW SW NE NE Sec. 21 Twp. 14 S. R. 16 ☐ East ☒ West
2970 feet from S N (circle one) Line of Section
2180 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: DREILING D Well #: 7
Field Name: DREILING
Producing Formation: -----
Elevation: Ground: 1860 Kelly Bushing: 1865
Total Depth: 3408 Plug Back Total Depth: 3170
Amount of Surface Pipe Set and Cemented at 162 w/ 130 ^{SXS} Feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set: 994 Feet
If Alternate II completion, cement circulated from 994
feet depth to ? w/ 325 sx cmt.

Drilling Fluid Management Plan Workover on 10-6-03
(Data must be collected from the Reserve Pit)
Chloride content ----- ppm Fluid volume ----- bbls
Dewatering method used -----
Location of fluid disposal if hauled offsite:
Operator Name: -----
Lease Name: ----- License No.: -----
Quarter ----- Sec. ----- Twp. ----- S. R. ----- ☐ East ☐ West
County: ----- Docket No.: -----

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

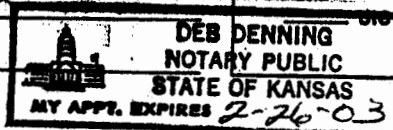
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Tom Denning
Title: owner Date: 9/8/01
Subscribed and sworn to before me this 8th day of Sept.
2001
Notary Public: Deb Denning
Date Commission Expires: 2-26-03

KCC Office Use ONLY

N Letter of Confidentiality Attached
If Denied, Yes ☐ Date: RECEIVED
N Wireline Log Received
N Geologist Report Received SEP 13 2001

KCC WICHITA



Operator Name: T.D.I. OIL OPERATIONS Lease Name: DREILING D Well #: 7
 Sec: 21 Twp. 14 S. R. 16 ☐ East ☐ West County: ELLIS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (ORIGINALLY) ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
ANHYDRITE	966'	+999
TOPEKA	2850'	-983
HEEBNER	3068'	-1203
LANS/KC	3114'	-1249
BASE KC	3354'	-1489
ARBUCKLE	3388'	-1523

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	# Sacs Used	Type and Percent Additives
SURFACE		8 5/8"		162'		130	
PRODUCTION		4 1/2"		3394'		125	
DV TOOL @ 994'							

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate ☒ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	994'		325	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs, Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3358' - 62'	500 gals 15%	
2	3284', 3290', 3304'	1500 gals 15%	
2	3182' - 91'	1000 gals & 3000 gals 15%	
2	3144' - 48'	750 gals	
2	3122' - 26' (Plug set @ 3170')	500 gals	

TUBING RECORD	Size	Set At	Packer At	Liner Run
2 3/8"		3097'	3097'	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Enhr. _____ Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.) ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____
 METHOD OF COMPLETION _____ Production Interval _____
☐ Other (Specify) _____