

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

ORIGINAL

Operator: License # 09346

Name: Diehl Oil, Inc.

Address P. O. Box 234

City/State/Zip Hays, KS 67601

Purchaser: Koch Oil Company

Operator Contact Person: Glenn D. Diehl

Phone (913) 625-6711

Contractor: Name: Express Well Service

License: _____

Wellsite Geologist: _____

Designate Type of Completion

____ New Well Re-Entry ____ Workover

Oil ____ SWD ____ S10W ____ Temp. Abd.

____ Gas ____ ENHR ____ SIGW

____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: Mid America Minerals

Well Name: Herl #1

Comp. Date 4/26/83 Old Total Depth 4044

PUT BACK IN PRODUCTION

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD

____ Plug Back ____ PBD

____ Commingled Docket No. _____

____ Dual Completion Docket No. _____

____ Other (SWD or Inj?) Docket No. _____

11/23/92 12/02/92 12/03/92

Spud Date Date Reached TD Completion Date

API NO. 15- 195-21,203-00-01

County Trego

50'S - NW - NE - NE Sec. 12 Twp. 13 Rge. 22 E W

380 Feet from S/W (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Herl Well # 1

Field Name Ogallah South

Producing Formation Conglomerate, Marmaton

Elevation: Ground 2263 KB 2268

Total Depth 4044 PBD 4015

Amount of Surface Pipe Set and Cemented at 213 Feet

Multiple Stage Cementing Collar Used? Yes ____ No

If yes, show depth set 1600 Feet

If Alternate II completion, cement circulated from 1600

feet depth to surface w/ 350 sx cat.

Drilling Fluid Management Plan 2-2-93 ALT 2 JH
(Data must be collected from the Reserve Pit)

Chloride content. 50000 ppm Fluid volume 160 bbls.

Dewatering method used used salt water

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

____ Quarter Sec. ____ Twp. ____ S Rng. ____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 Glenn D. Diehl

Title President Date 1/19/93

Subscribed and sworn to before me this 19th day of JANUARY, 19 93.

Notary Public Rebecca Diehl

Date Commission Expires 2/5/94

REBECCA DIEHL
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2/5/94

STATE CORPORATION COMMISSION RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
DISTRIBUTION
 KCC
 KGS
____ Submittal
____ Plug
JAN 20 1993
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
(Specify)

Operator Name Diehl Oil, Inc.

Lessee Name Herl Well # 1

Sec. 12 Twp. 13 Rge. 22

East
 West

County Trego

ORIGINAL

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
(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

CASING RECORD <input 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"	N/A	213	N/A	160	N/A
Prod.	7 7/8"	5 1/2"	14 #.	4044	60/40 Poz	500	Flocc/e 2% CaCl ₂

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
		No Stimulation
	Drilled out cement plug. Swab tested existing perforations. Swab test 15 bbls fluid/hr 35% oil. POP IP 138tf 50% oil, rapid decrease to 8 oil 10 water.	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2-3/8"	4009					
Date of First Resumed Production, SWD 12/19/92		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	8	10				10		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
Production Interval: 3990-4011
3950-3962?