

LEFT

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5145

Name: DREILING OIL, INC.

Address P.O. Drawer 550

City/State/Zip Hays, Kansas 67601

Purchaser: _____

Operator Contact Person: Ivan Edsall

Phone (785) 625-8327

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Ron Nelson

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2/20/98 2/24/98 2/25/98
Spud Date Date Reached TD Completion Date

API NO. 15- 179-21093 0000

County Sheridan

85' W. of SW-NE Sec. 30 Twp. 8S Rge. 26W

3300 Feet from N (circle one) Line of Section

2065 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 Zeigler Trust (Twin) Well # 5

Field Name Overlook

Producing Formation Lansing KC

Elevation: Ground 2561 KB 2569

Total Depth 3931 PBTD _____

Amount of Surface Pipe Set and Cemented at 224.70 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2965 Feet

If Alternate II completion, cement circulated from 2965

feet depth to Surface w/ 335 sx cmt.

Drilling Fluid Management Plan AH 26-1898 UC
(Data must be collected from the Reserve Pit)

Chloride content 1,200 ppm Fluid volume 1500 bbls

Dewatering method used Evaporation

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 Ivan R. Edsall

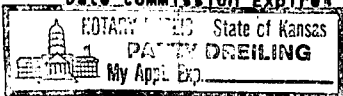
Title Prod. Superintendent Date 4-21-98

Subscribed and sworn to before me this 21st day of April 19 98

Notary Public Patty Drilling

Date Commission Expires 8-30-98

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)



ORIGINAL

RECEIVED
KANSAS CORP. COMM
4-21-1998
1098 APR 21 11:30

Operator Name DREILING OIL INC.

SIDE TWO

Lease Name Zeigler Trust Well # 5 Twin

Sec. 30 Twp. 8S Rge. 26W
 East
 West

County Sheridan

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.)

ORIGINAL

Log	Formation (Top), Depth and Datums	Sample
Name	Top	Datum
Anhydrite	2181	+388
Topeka	3452	-883
Heebner	3655	-1086
Toronto	3674	-1105
Lansing-KC	3688	-1119

List All E.Logs Run:

GR. Nevt Cement Bond

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	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	24	224.70	60/40Poz	150	2%Gel&3%CC
Production St.	7-7/8	5 1/2	14	3928-62	ASC	100	10%Salt 2%Gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface 2965	60/40 poz	335	8% gel 1/4 lb. flowseal

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
4	3672-77	1000 gal. 15% mud acid & 250# salt plug
4	3688-94	1000 gal. 15% mud acid & 250# salt plug
4	3726-28	250 gal. 15% mud acid

TUBING RECORD Size 2 7/8" Set At 3803' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-9-98 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 20 Bbls. Gas 151 Mcf Water 151 Bbls. Gas-Oil Ratio _____ Gravity _____

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

3672
3728



Discovery Drilling

ORIGINAL

P.O. Box 763 • Hays, KS 67601 • OFFICE (913) 623-2920 • CELLULAR (913) 635-1511

DRILLER'S LOG

Operator: **DREILING OIL, INC.**
 P.O. Box 550
 Hays, KS 67601

Contractor: **DISCOVERY DRILLING, INC.**
 P.O. Box 763
 Hays, KS 67601

Lease: Zeigler Trust #5 Twin

Location: 85' W of SW/NE
 Sec. 30/8S/26W
 Sheridan Co., KS

NO LOG

Rotary Total Depth: 3931'
 Commenced: 02/20/98
 Casing: 8 5/8" @ 224.70' w/150sks
 5 1/2" @ 3928' w/100sks
 Port Collar @ 2965'

Elevation: 2561' Gr/2569'KB
 Completed: 02/25/98
 Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Surface, Sand & Shale	0'	Shales	2216'
Dakota Sand	1056'	Shales & Lime	2429'
Shales	1299'	Shales	2745'
Cedar Hill Sand	1696'	Shales & Lime	3072'
Red Bed Shale	1963'	Lime & Shales	3509'
Anhydrite	2181'	RTD	3931'
Base Anhydrite	2216'		

STATE OF KANSAS)
) ss
 COUNTY OF ELLIS)

RECEIVED
 JUN 18 1998
 COMMERCIAL

Thomas H. Alm of Discovery Drilling, Inc. states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

Thomas H. Alm

 Thomas H. Alm

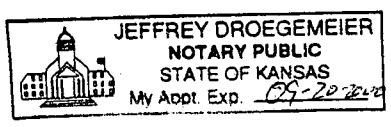
Subscribed and sworn to before me on March 2 1998.

My Commission Expires: 09-20-2000

(Place stamp or seal below.)

Jeffrey Droegemeier

 Notary Public



ALLIED CEMENTING CO., INC. 9363

Federal Tax I.D.# XXXXXXXXXX

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: K

DATE <u>2-20-98</u>	SEC. <u>30</u>	TWP. <u>8^s</u>	RANGE <u>26^w</u>	CALLED OUT	ON LOCATION <u>8:15pm</u>	JOB START <u>10:00pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>Ziegler</u>		WELL # <u>5 Junin</u>		LOCATION <u>Stanley 5 1/2 w 1 1/2 S unit</u>		COUNTY. <u>Shawnee</u>	STATE <u>Ka</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Discovery Drilling #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225

CASING SIZE 8 5/8 DEPTH 224 24"

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10-15'

PERFS. _____

DISPLACEMENT 13 1/4

OWNER _____

CEMENT

AMOUNT ORDERED 1160 60/40 39cc
29 gel

COMMON	<u>99</u>	@	<u>7.55</u>	<u>747.45</u>
POZMIX	<u>66</u>	@	<u>3.25</u>	<u>214.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	_____	@	<u>105</u>	<u>168.00</u>
MILEAGE <u>47m</u>	_____	@	<u>04</u>	<u>300.80</u>
TOTAL				<u>1599.25</u>

EQUIPMENT

PUMP TRUCK # 153 CEMENTER Male

HELPER Paul

BULK TRUCK # 213 DRIVER Jason

BULK TRUCK # _____ DRIVER _____

REMARKS:

SERVICE

Cement Circ.

[Signature]

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 470.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 47 @ 28.5 133.95

PLUG 8 5/8 wooden @ 45.00

_____ @ _____

_____ @ _____

TOTAL 648.95

CHARGE TO: Drilling Owl, Inc

STREET P.O. Box 550

CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX 0

TOTAL CHARGE 2248.20

DISCOUNT 337.23 IF PAID IN 30 DAYS

SIGNATURE Tom AL

PRINTED NAME

ALLIED CEMENTING CO., INC.

15-179-21093 00-08

9198

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Russell

DATE <u>2-25-98</u>	SEC <u>30</u>	TWP <u>8 S</u>	RANGE <u>26 W</u>	CALLED OUT <u>7:00am</u>	ON LOCATION <u>10:00am</u>	JOB START <u>1:15PM</u>	JOB FINISH <u>2:00PM</u>
LEASE <u>Zeigler</u>	WELL # <u>TWIN 5</u>	LOCATION <u>Studley 5 1/2 W 2 3/4 S 1/2 W</u>			COUNTY <u>Sheridan</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Discovery DRG Rig #2 OWNER

TYPE OF JOB PRODUCTION STRING
 HOLE SIZE 7 7/8 T.D. 3931'
 CASING SIZE 5 1/2 DEPTH 3928'
 TUBING SIZE 8 5/8 SURFACE DEPTH 224'
 DRILL PIPE DEPTH
 TOOL PORT COLLAR DEPTH 2965'
 PRES. MAX 1,000 # MINIMUM
 MEAS. LINE ✓ SHOE JOINT 16 5/8
 CEMENT LEFT IN CSG. 16 5/8
 PERFS: AFU INSERT @ 3912'
 DISPLACEMENT 95 3/4 / 68L

CEMENT
 AMOUNT ORDERED 125 SK ASC. 10% SALT
2% GEL

COMMON	@		
POZMIX	@		
GEL	@	<u>2</u>	<u>19.00</u>
CHLORIDE	@		
ASC	@	<u>125</u>	<u>1131.25</u>
Salt	@	<u>11</u>	<u>77.00</u>
	@		
	@		
	@		
HANDLING	@	<u>1.05</u>	<u>131.25</u>
MILEAGE		<u>44 / SK / Mile</u>	<u>235.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER [Signature]
 # 177 HELPER [Signature]
 BULK TRUCK
 # 160 DRIVER [Signature]
 BULK TRUCK
 # DRIVER

RECEIVED
 STATE OF KANSAS
 TOTAL 1593.50

JUN 1 1998

REMARKS:

10 SK @ Mose Hole
15 SK @ RAT Hole

Float Held

Cent. @ 1, 3, 6, 9,
24, 30, 37, 45,
BSK - 25 (3006) Bottom
PORT COLLAR - 25 (2965) Top

THANKS!

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1080.00</u>
EXTRA FOOTAGE	@	
MILEAGE	@	<u>47</u> <u>2.85</u> <u>133.95</u>
PLUG <u>5 1/2 RUBBER</u>	@	<u>50.00</u>
	@	
	@	

TOTAL 1263.95

CHARGE TO: DREILING Oil Inc.
 STREET Box 550
 CITY Hays STATE Kansas ZIP 67601

5 1/2 CSG
(WEATHERFORD) FLOAT EQUIPMENT

1-Guide Shoe	@	<u>168.00</u>
1-AFU INSERT	@	<u>263.00</u>
8-CENTRALIZERS	@	<u>56.00</u> <u>448.00</u>
1-BASKET	@	<u>142.00</u>
1-PORT COLLAR	@	<u>2340.00</u>

TOTAL 3361.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX 0
 TOTAL CHARGE 6218.45
 DISCOUNT 932.74 IF PAID IN 30 DAYS

SIGNATURE

[Signature]

PRINTED NAME

15-179-21093-00-00

ALLIED CEMENTING CO., INC. 9207

Federal Tax I.D. # [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: R

DATE <u>3-5-98</u>	SEC. <u>30</u>	TWP. <u>8</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START	JOB FINISH <u>12:45 pm</u>
LEASE <u>Zeigler</u>	WELL #	LOCATION <u>Studley 6W 45 E 15 S</u>				COUNTY	STATE <u>Ks</u>
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)				<u>kw</u>			

CONTRACTOR Co Tools
 TYPE OF JOB part Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 1/2 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 475 80 8% gal 4/16 Pilsen
per sk used 335
 COMMON _____ 201 @ 7.55 1517.55
 POZMIX _____ 134 @ 3.25 435.50
 GEL _____ 23 @ 9.50 218.50
 CHLORIDE _____ @ _____
Flo Seal 84[#] @ 1.15 96.60
 @ _____
 @ _____
 @ _____
 HANDLING _____ @ 105 498.75
 MILEAGE 47.00 04 893.00
 RECEIVED _____
 TOTAL 3659.90

EQUIPMENT
153 Dave
 PUMP TRUCK CEMENTER paul
 # HELPER _____
 BULK TRUCK
 # 213 DRIVER Joe Dain
 BULK TRUCK
 # 254 DRIVER Jason

REMARKS:
Cir cement use 335 sk
Witness By Randy Werch
Dave Frank - Allied Cementing
Randy Werch

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 580.00
 EXTRA FOOTAGE _____ @ _____ 133.95
 MILEAGE _____ 47 @ 2.85 _____
 PLUG _____ @ _____
 @ _____
 @ _____
 TOTAL 713.95

CHARGE TO: Drilling Oil Inc.
 STREET P.O. Box 550
 CITY Hays STATE Kan. ZIP 67601

FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Randy Werch

TOTAL _____
 TAX 0
 TOTAL CHARGE 4373.85
 DISCOUNT 656.07 IF PAID IN 30 DAYS

PRINTED NAME _____