

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

ORIGINAL

Operator: License # 5145  
Name: Dreiling Oil, Inc.  
Address: P.O. Box 550  
City/State/Zip: Hays, Kansas 67601  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Terry W. Piesker  
Phone: ( 785 ) 625-8327  
Contractor: Name: Express Well Service  
License: 6426  
Wellsite Geologist: \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  Workover  
\_\_\_\_ Oil  SWD \_\_\_\_ SIOW \_\_\_\_ Temp. Abd.  
\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
\_\_\_\_ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Dreiling Oil, Inc.

Well Name: Weber #1  
Original Comp. Date: 8/22/04 Original Total Depth: 3630'  
\_\_\_\_ Deepening \_\_\_\_ Re-perf.  Conv. to Enhr./SWD  
\_\_\_\_ Plug Back \_\_\_\_ Plug Back Total Depth  
\_\_\_\_ Commingled Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. D-28,848

<u>1/24/07</u>	<u>1/22/07</u>	<u>1/24/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25,331-00-01  
County: Ellis  
20'N 50'E SE NW Sec. 33 Twp. 13 S. R. 17  East  West  
1960' feet from S /  (circle one) Line of Section  
2030' feet from E /  (circle one) Line of Section

Stages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Weber Well #: #1SWD  
Field Name: Wildcat  
Producing Formation: Arbuckle  
Elevation: Ground: 1986 Kelly Bushing: 1994  
Total Depth: 3821' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1188' Feet  
If Alternate II completion, cement circulated from 1188'  
feet depth to surface w/ 250 sxs. \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan SWD NH 6-18-08  
(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.

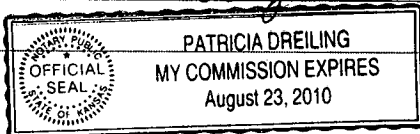
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Terry W. Piesker  
Title: \_\_\_\_\_ Date: 1-24-07

Subscribed and sworn to before me this 24th day of JANUARY,  
2007.

Notary Public: Patricia Dreiling

Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Dreiling Oil, Inc. Lease Name: Weber Well #: #1SWD  
 Sec. 33 Twp. 13 S. R. 17  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  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:

Neutron/Density Porosity, Micro, Dual Induction

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1196'	+791
Topeka	2982'	-995
Heebner	3230'	-1243
Toronto	3252'	-1265
Lansing/Kansas City	3274'	-1287
Base LKC	3502'	-1515
Arbuckle	3516'	-1529

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"	23#	223	Common	150	2% Gel 3% CC
Long String	7 7/8"	5 1/2"	14#	3629'	Common	150'	10% Salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Sur. to 1188'	60/40 Poz	250	6% Gel and 1/4# Flo Seal per sx.
	3255' to 3566'	Common	410	Squeezed LKC and Arbuckle Zones- No additives 3 jobs

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/sh/ft	3594' to 3600'	1000 gal. 15% INS	
4/sh/ft	3610' to 3620'	1000 gal. 15% INS	
	Open Hole from 3629' to 3821'	500 gal. 15% INS	

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TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	"C" Set Down	3550'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd 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, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 3594' to 3600 and 3610' to 3620  
Open Hole- 3629' to 3821'

**WEBER #1' INJECTION WELL**  
1960' FNL & 2030' FWL  
Section 33-13S-17W  
Ellis County, Kansas

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- 1-09-07 Moved in Express Well Service Double Drum Derrick. Rigged up. Ran 5 1/2" Magnet on 3 joints 2 3/8" Upset Tubing and the Sand Line. We need to get a set of Slips out of the hole- 1 hole piece and a partial. Came out with 1/2 piece of one slip. Ran back in and came out with nothing. Ran 5 1/2" Junk Basket on 2 3/8" Upset Tubing. Used Tongs and made about 5' hole down to top of the Insert Float at 3609'. Torqued up at first and then freed up to float. Pulled Tubing and Basket. Came out with two half pieces of slips. We should have all the metal out of the way. Ran 5 1/2" Model "R" Packer on 2 3/8" Upset Tubing. Left swinging at 3450'.
- 1-10-07 Ran Packer to 3475' and set. Took Injection Rate- 2 BPM at 1000#. Mixed 30 sxs. Common Cement with 1<sup>st</sup> 15 having Sl;ickem. Could not get cement to hold solid. Released pressure and it only came back a little bit. Released Packer and pulled up to 3202' and reset Packer. Loaded backside and pressured to 500 # and it held solid. Took Injection Rate- 3 BPM at 700#. Mixed 320 sx. Common Cement. Squeezed to 1000#. Took about 2 1/2 Hours to hold. Released Packer and circulated the hole clean. Reset packer and went to 1000# and broke back to 400#. Went back to 700# and shut in for 30 minutes. It had dropped to 400#. Walked tight to 800#. Released and dried right up. Released Packer and pulled Tubing and Packer.
- 1-11-07 Ran 4 7/8" Bit on 2 3/8" Upset Tubing. Tagged cement at 3217'. Began drilling. Fell through cement at 3485'. Circulated the hole clean and pressured to 400#. Down to 355# in 5 minutes. Repressured to 380# and down to 360# in 5 minutes. Went back in and never hit any cement until right on bottom. Went down to 3650'. Pulled Bit and Tubing. Ran Packer and Tubing back in the hole. Left Packer swinging.
- 1-12-07 Set Packer at 3202'. Took Injection Rate- 1.5 BPM at 1500#. Loaded the backside and put 500# on it. Mixed 50 sx. Common Cement. Pumped in at 1000#. Drops to 500# immediately when shut down. Let set 30 minutes. Still no good. Let set another 15 minutes. Began staggng up to 1500#. Finally got it to hold at 1000#. Released and it dried up. Released Packer. Circulated the hole clean. Pulled Tubing and Packer. Tied to Casing and shut well in with 500# in Casing.
- 1-13-07 and 1-14-07 Shut Down.
- 1-15-07 Well still had pressure on it. Released pressure and ran 4 7/8" Bit on 2 3/8" Tubing. Tagged Cement at 3242'. Began drilling Cement. Made about 1' and fell through about 5' and began drilling soft cement for a couple of feet and then got hard. Fell through cement at 3485'. Ran down to bottom and pressured to 350# and lost 75# in 5 minutes. Repressured and had the same thing. No cement over the Arbuckle. Pulled Tubing and Bit.

- 1-16-07 Ran 5 1/2" Model "R" Packer on 2 3/8" Upset Tubing. Set Packer at 3480'. Pressured Casing to 500# and it held solid. LKC zones are squeezed. Went down the Tubing to 1100# and very slow bled off. Released Packer and ran Tubing to 3570'. Mixed 10 sx. Common Cement and spotted over the Arbuckle. Pulled Packer up to 3480' and circulated the hole clean. Set Packer and began squeezing the Arbuckle at 1200#. After 2 hours we had a little over 1/2 Bbl. In formation. Released pressure and dried up. Released Packer and pulled Tubing and Packer. Hooked to Casing and pressured to 500# and shut well in.
- 1-17-07 Released pressure off the casing. Ran 4 7/8" Bit on 2 3/8" Upset Tubing. Tagged Cement at 3498'. Drilled good cement to 3580'. Went down and cleaned out to Float at 3609'. Circulated hole clean and pressured up to 400# and held solid for 10 minutes. Went back to drilling and drilled out to 3635' TD. Circulated the hole clean and pulled Tubing and Bit. Perforated lower Arbuckle from 3594' to 3600' and 3610' to 3620' with 4 shots per foot Conventional Guns. Ran 1 joint of Tailpipe and 5 1/2" Model "R" Packer on 2 3/8" Upset Tubing. Left swinging with 1 joints out.
- 1-18-07 Ran 10' sub and bottom of Tubing at 3620'. Tagged fluid at 300'. Spotted 1000 gal. 15% INS Acid over the Arbuckle perms- 3610' to 3620' and 3594' to 3600'. Set Packer at 3575'. Staged in 2 Bbl. At 500#. Started feeding at 1/4 BPM at 800# and slowly broke back to 400#. Increased rate to 1/2 BPM at 600#. Went to 3/4 BPM at 800# and got a break. Increased to 1 BPM at 800# and broke back to 700#. Increased to 1.1 BPM at 825#. When overflush hit the pressure dropped to 700# by end of the job. ISIP- 600#. 3 minutes- 0. Would not go on much of a vacuum. Hooked pump truck to well. 1/4 BPM to start and got even slower. Pumped 10 Bbl. In well at 400# at 3/4 BPM. Released Packer and pulled Tubing and Packer. Ran 4 7/8" Bit on Tubing. Began drilling at 3632'. Drilling at 15 minutes per foot to start. Arbuckle Top is 3516' (-1529). Drilled 15' to 3647'. 3' went at 5 minutes per foot from 3643' to 3646'. Red looking Arbuckle. Circulated the hole clean and pulled up and shut down.
- 1-19-07 Ran bit back to bottom and began drilling new hole. Drilled from 3647' to 3674', Made 27' new hole. Very hard. Bit acts pretty rough. Circulated the hole clean and pulled 2 joints and shut down.
- 1-20-07 Pulled Tubing and Bit. Teach pretty well gone. Ran 4 3/4" Button Bit on Tubing. Began drilling new hole. Drilled 55' new hole to 3729'. Circulated the hole clean and pulled 3 joints and shut down.
- 1-21-07 Shut Down.
- 1-22-07 Ran back to bottom and had some fill up in the hole. Acted like a couple of bridges. Got back down on bottom. Drilled to 3821'. Drilled about 20' per hour. Circulated hole clean. Taking about 25 Bbl. Water per Hour. Spotted 500 gal. 20% INS Acid over the Arbuckle Open Hole from 3630' to 3821'. Once acid got on bottom the

Casing went on a vacuum. Taking at least 1.5 BPM on its own. Displaced to 2 Bbl. from the end of the Tubing. Pulled 10 joints out of the hole and shut down.

- 1-23-07 Finished pulling Tubing and Bit. Unloaded Sealtite Tubing on location. Ran 5 ½" Baker Model AD-1 Tension Packer on 2 3/8" Sealtite Tubing. Pumped 50 Bbl. Of Treated Water down the backside- Tubing never loaded in the 15 minutes of pumping. Set Packer at 3550'. Loaded the backside. We could get it to 300# but it would not hold. Acted like we were pumping into it. Released Packer and reset. Same thing. Pulled one joints and reset Packer at 3528'. Same thing. Does not drop off quite as fast. When we release the Packer fluid does not drop very far. Takes 6 to 8 Bbl. To reload backside. Released Packer and pulled up to 3490'. We are now above all Arbuckle Perfs and it does the same thing. Maybe a little tighter, but on the way up it acts like we are pumping into it. Released Packer and pulled up and set at 3265'. We are now above all old perfs. Still would not hold. Released Packer for the night. Acts like it is going around Pack Off.
- 1-24-07 Pulled Tubing and Packer. Packer looks fine. Not sure what the problem was. Ran 5 ½" Model "C" Set Down Packer on 2 3/8" Upset Sealtite Tubing. Pumping 50 Bbl. Treated Fresh Water down the backside. Set Packer in Set Down Position at 3550'. Loaded the backside. Pressured up to 300# and it held. Jay Pfeifer with KCC on location to witness. Passed MIT. Rig tore down and moved off.