

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5145	API No. 15 - 051-25,956-00-00
Name DREILING OIL, INC.	Spot Description:
Address 1: P.O. Box 550	<u>N/2_N/2_NF_{Sec.}_20Twp15_sR18</u> East ⊠ West
Address 2:	
City: Hays State: KS zip: 67601+	
Contact Person: Terry Piesker	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 625-8327	NE □NW □SE □SW
CONTRACTOR: License # 31548	County: Ellis
Name Discovery Drilling Co., Inc.	Lease Name: GRABBE "B" Well #: 1
Wellsite Geologist: Roger Fisher	Field Name: Schoenchen West
Purchaser:	Producing Formation: Arbuckle
	Elevation: Ground: 1958 Kelly Bushing: 1966
Designate Type of Completion:	Total Depth: 3615 Plug Back Total Depth:
X New Well Re-Entry Workover	Amount of Surface Pipe Set and Cemented at:Feet
X Oil SWD SIOW	Multiple Stage Cementing Collar Used? Yes No
Gas ENHR SIGW CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: Feet
	If Alternate II completion, cement circulated from:
Dry Other(Core, WSW, Expl., Cathodic, etc.)	· ·
If Workover/Re-entry: Old Well Info as follows:	(30sks In Rat Hole)(15sks In Mouse Hole) sx cmt.
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Well Name:	1 `
Original Comp. Date: Original Total Depth:	Chloride content: 16,000 ppm Fluid volume: 240 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: <u>Hauled free fluids</u>
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Operator Name: BLACKHAWK PRODUCTION COMPANY
Dual Completion Docket No.:	Lease Name: BRULL # 1(SWD) License No.: 32504
Other (SWD or Enhr.?)	Quarter SE Sec. 30 Twp. 14 S. R. 18W East West
2/11/10 2/17/10 2/18/10 Spud Date or Date Reached TD Completion Date or	County: Ellis Docket No.: D-26,232
Recompletion Date Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidenell report shall be attached with this form. ALL CEMENTING TICKETS MUST orm with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature: Cherry W. Riesber	KCC Office Use ONLY
Title: Explor & Prod. Man. Date: 6-22-10	Letter of Confidentiality Received
Subscribed and sworn to before me this 3200 day of	If Denied, Yes Date: RECEIVED KANSAS CORPORATION COMMISS
20 10	Wireline Log Received
Notary Public: Patricia Cruby	UIC Distribution
Date Commission Expires: OFFICIAL MY COMMISSION EXPIRES	ALT 1 - DIG - 6/30/10 CONSERVATION DIVISION WICHITA, KS

August 23, 2010

Operator Name:	DREILING OII 15 S. R. 18W	INC.				Well #:	1		
		(4.4)	-	Ellis					
recovery, and flow ra	how important tops a losed, flowing and sh tes if gas to surface t al geological well site	nd base of formations pe ut-in pressures, whether est, along with final chart report.	enetrated. Det shut-in pressu t(s). Attach ex	ail all cores. Report a ure reached static leve tra sheet if more spac	ll final copies of I, hydrostatic pre e is needed. Att	drill stems tests ssures, bottom ach copy of all	s giving interval tested 1 hole temperature, flui Electric Wireline Logs		
Drill Stem Tests Take (Attach Additional	· ·	XYes No		K Log Formation	on (Top), Depth :	and Datum	Sample		
Samples Sent to Geo	ological Survey	☐ Yes 🐰 No		Name		Тор	Datum		
Cores Taken	-g our voy			Anydrite		1115'	(+851)		
Electric Log Run		☐ Yes 🛣 No ☐XYes ☐ No		Topeka		2920 '	(-954)		
(Submit Copy)		LA 103		Heebner		3199'	(-1233)		
List All E. Logs Run:	Duol Tedus	nd 200		Toronto	•	3216'	(-1250)		
	Neutron/Dens	tion, Micro,		L-KC Base LKC		3243'	(-1277)		
	nederon/ Dens	sity	İ	Weathered An	-h	3573 '	(-1507)		
				Arbuckle	.D.	3543 ' 3550 '	(-1577)		
		CACINIC	DECORP 1			3330	(-1587)		
				New Used Ce, intermediate, product	ion ata				
Purpose of String	Size Hole	Size Casing	Weight		Type of	# Casks	T		
C. C. D.	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	# Sacks Used	Type and Percent Additives		
Surface Pipe		8 5/8	23	1125	Common	425	2%Ge1&3%CC		
Production St	t. 7 7/8	5½	14 .	3613	Common	155	10%Salt		
Durnage		ADDITIONAL	CEMENTING	/ SQUEEZE RECORD					
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	#Sacks Use	ed ·	Type and Percent Additives				
—— Plug Back TD —— Plug Off Zone	3520' to53	Common	35						
	0 to 1125'	Common	200						
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Plugs ootage of Each Interval Perfo	Set/Type orated	Acid, Frac	ture, Shot, Cement ount and Kind of Ma	Squeeze Record	d Depth		
4	3546' to 35	49'		100 gal. 15% INS					
			-						
TURING DECORES	61					•			
TUBING RECORD:	Size: 2 7/8"	Set At: 3538 *	Packer At: -0-	Liner Run:	Yes X No				
Date of First, Resumed Pr $4-1-10$	oduction, SWD or Enhr	Producing Metho	od:	owing 🔀 Pumping	Gas Lift	Othe	r (Explain)		
Estimated Production Per 24 Hours	Oil Bi	ols. Gas M	lcf	Water Bbls		as-Oil Ratio	Gravity		
				*`.66			30.4		
DISPOSITION		ME	THOD OF COM	IPLETION:		PRODUCTION	N INTERVAL:		
Vented Sold (If vented, Submi	Used on Lease	Open Hole X Other (Specify)	Perf. Du	ually Comp. Comm	ningled	3546' to	}		
					<u> </u>				

QUALITY JILWELL CEMENTING, INC.

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 No. Cell 785-324-1041											
, Sec.	Twp.	Range	· , c	ounty	State	On Location	Finish				
Date 2/12/10 20	15	18	E	1115.			8:39 PM				
Lease Grabe B' V	Vell No.	1	ocatio	n Have	Mack, IW	はいた	, to				
Contractor DISCOVERY	Mr: 11:0	9 R-10 #	6	Owner							
Type Job Saraget	,	J 1		To Quality C	oilwell Cementing, Inc		and furnish				
Hole Size 10	T.D.	125		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Csg. 7/2 77#	Depth	125		Charge Oceiling Oil Co.							
Tbg. Size	Depth		·	Street							
Drill Pipe	Depth			City State							
Tool	Depth	<u> </u>		The above wa	as done to satisfaction a	nd supervision of owner	agent or contractor.				
Cement Left in Csg. 42	Shoe Joint	v 2			CEMENT	-					
Press Max.	Minimum			Amount Ord	ered 4255x	(on 30/100	2% 40!				
Meas Line	Displace	69 Bbl.	3.	Common			<u> </u>				
Perf.				Poz. Mix							
EQUIPM	ENT			Gel.	·						
Pumptrk No. Cementer Helper	100			Calcium							
O No Driver R	anden			Mills	<u> </u>						
o No Driver ✓	cky			Salt							
JOB SERVICES		Flowseal									
Pumptrk Charge											
Mileage					KA	RECEIVED VSAS CORPORATION COMMIS	SION				
Footage											
	Tota		·	Handling		JUN 2 4 2010					
Remarks:			4	Mileage		CONSERVATION DIVIS	ION				
CUMPATIC	1000	ated	: //	Pump Truck	200 20 113	WICHIA					
Jan Strain Strain				14 1	FLOAT EQUIPN	IENT	A.				
			75,7	Guide Shoe		**************************************					
A STATE OF THE STA				Centralizer							
		risk:		Baskets :							
	Las Contro	1		AFU Inserts							
				1	Rubber	Dhua	4 2 2				
					- Ratte	Diste					
ar Caller	<u> </u>										
					1-10cm 2 110c	ATCOLD					
\\\\an\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	: 1			Rotating He	* 18 19 19 19 19 19 19 19 19 19 19 19 19 19						
1 1	**************************************	<u> </u>	- 10 (G) (S)	Squeez Mai		Separation 1					
- 707				7		Tax					
			—	•		Discount					
X U III	, /-					Total Charge					
Signature	1		. 1	• • • •		,	I				

QUALITY OILWELL CFMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 3946

	Sec.	Twp.	Range	(County	State	On Location	Finish				
Date 2.18-10					1115	Ks		45Pm				
Lease Grabbe	Blu	Vell No.		Location	on Hans	Sto Hays	mack					
Contractor Discov	7-79	Dia	R-2			Yalus 1						
Type Job Oroal Sti	LPUB	,	```			ilwell Cementing, Inc. by requested to rent	rementina equinment	and furnish				
Hole Size]	T.D.	3615		cementer and	d helper to assist own	er or contractor to do	work as listed.				
Csg. 5 1/2		Depth	3614		Charge Die il ing Oil Co							
Tbg. Size		Depth			Street							
Tool	•	Depth			City		State					
Cement Left in Csg. 44		Shoe Jo	oint			s done to satisfaction an		agent or contractor				
Meas Line /	14	Displac	e 87.23		<u>500 96l</u>	mone Creat -4 8CE	MENT					
	EQUIPM	IENT	1 DU 1			ered 200 Com 1						
Pumptrk No. Cemen	iter		Dave		Common							
Bulktrk O No. Driver			Branks	202	Poz. Mix							
Bulktrk Physical Driver Driver			Rocky		Gel.			-				
JOB SER	IVICES	& REMA	RKS		Calcium							
Remarks:					Hulls		RECEIVED					
Plus Rot	hole	30	SICS		Salt	KAI	ISAS CORPORATION COMM	SSION				
mauseh	i)e	30	Sk S		Flowseal		JUN 2 4 2010					
				,			'					
Pents 22	-,4.	7	8 11				CONSERVATION DIVI	ارد) 				
			for the same of th		,	·						
RANGE I	te	500	7 36 1		Handling ' 🔍	- Allen						
				á	Mileage		30					
150°5×	((Somi	non, 16°7	9								
Salt	fro.		pe/			FLOAT EQUIPME	NT.	**				
			1		Guide Shoe	1 FloorSk						
					Centralizer -	15	,					
			.2000	,	Baskets							
				, #	AFU Inserts	Latel Dow	المحادد ولار					
				7		7 3 W W W		* 				
	///											
					Pumptrk Cha		in a see					
					Mileage	. *	kaa#					
, , , , , , , , , , , , , , , , , , , ,	D.					. *	Tax					
1 / Onlin	10						Discount					
X Signature	انک ر						Total Charge					

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	H	lome Office	P.O. Bo	ox 32 Rus	sell, KS 6	7665	Agreem Talk Legacian	No.	et in the	590
Date 3/29/10 Sec.	Twp.	Range	E	County -∭is	State	5	On Lo	ocation	13	100 P
	Vell No:	"B" # \	Location	on Hous	Mak, 1	W, W	1+5 il	nto_		
Contractor EXPIRSS W)e[]=	Service		Owner			Salaria Lipina		· · · · · · · · · · · · · · · · · · ·	**************************************
Type Job				You are here	liwell Cemen by requested	d to rent c	ementing	equipment	and fu	rnish
Hole Size	T.D.			cementer an	d helper to a	ssist own	er or cont	ractor to do	work a	is listed.
Csg. 5/3	Depth		1.24	Charge V	<u>Jrielin</u>	a 0;		1.40	4 - 2 ¹¹	
Tbg. Size	Depth		11	Street	ri i gri	7				
Tool	Depth			City*	American State	· .:	State		·	
Cement Left in Csg.	Shoe J	loint			as done to sati				agent o	contractor.
Meas Line	Displac	;e	A CANAGA		ount Ordered	ع ما نا	Con	5,07		<u> 4 (2) (3)</u> -
EQUIP	MENT	Application for		1920	'sx Co.	<u> </u>		- 1		
Pumptrk No. Cementer Helper	Jan -			Common	A second		<u> Barrer et e e</u>		4 <u>4 - 4 - 7 -</u>	<u> </u>
Bulktrk 7 No Driver Do	Je			Poz. Mix		a servició Trafación Alb	edinak en Teknologia		- 17 A - 1 - 1	
Bulktrk Diver Driver	944		5 v. 6, 1990	Gel	<u> </u>	<u> </u>	<u>. 1949 (1945)</u>		<u>. : .: </u>	
JOB SERVICES	&-REMA	ARKS	i e a i i i i i i i i i i i i i i i i i	Calcium	e de la companya de l	<u> </u>	Marketter er Marketter er		7 1 1 <u>-</u>	
Remarks:	ing the first			Hulls		<u> </u>	The same			
Rat/Hole				Salt			gradi (N. 1777) Også Bartillar			And the second
Mouse Hole				Flowseal			2000000	RECEIVE	COMMIS	SION
Centralizers			<u> Andrew</u>	Kol-Seal			KANSAS	COMPONATION		
Baskets	<u> </u>		10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (Mud CLR 4	8	· 	1	JUN 24	2010	 .
D/V or Port Collar				CFL-117 or	CD110 CAF	38	COL	ISERVATIO	פועוט ו	ION
Ply 94 2700			elligerr Talan	Sand		ggga. Tamana		WICHITA	KS	
Prossure 5/2"		<u> *</u> 00€		Handling				<u>aren etakoa.</u> Kanada		
M:x 350x da	M &	A		Mileage						
			- 1	3,03		EQUIPM	ENT			<u> </u>
				Guide Shoe	9					· · · · · · · · · · · · · · · · · · ·
				Centralizer	<u> </u>	<u> </u>			 	
			90 3 1 2 3 2 4 3 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	Baskets						
	3			AFU Insert	203 800 .00					
				Float Shoe	1111 M. W.					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
\\a\\\\				Latch Down	<u>n </u>	<u> </u>		, 	+	
	en et	000 and 0000 500				e e e e e e e e e e e e e e e e e e e			1	
<u> </u>										· · · · · · · ·
				Pumptrk Cl	harge					
. <u> </u>	<u></u>		<u> </u>	Mileage			***************************************	Tax	+	
								Discount	-	<u> </u>
	$\overline{}$	A					Tr	otal Charge	 	
Signature WILLIM W	1, 14	esher_	n parker i					<u></u>	· ——	