STATE CORPORATION COMMISSION OF KANSAS	API NO. 15-15-151-20,706-0000
OIL & GAS CONSERVATION DIVISION WELL COMPLETION OR RECOMPLETION FORM	CountyPrat.t
ACO-1 WELL HISTORY	•
DESCRIPTION OF WELL AND LEASE	.W/2.SE SE. sec. 17. Twp 26S Rge 15. XX West
Operator: License #5144	
Name Mull Drilling Company, Inc. Address P.O. Box 2758	(Note: Locate well in section plat below)
city/state/zip Wichita, KS. 67201	Lease Name Doggett Well 2
Purchaser Koch Oil	Field NameHopewell/Wil
Davil Gunnalman	Producing Formation. Lansing-KC. H!
Operator Contact Person Paul.Gunzelman Phone .(316.).264-6366	Elevation: Ground 2050
Contractor:License # Blue.Goose.Drlg	Section Plat
Name Great Bend, KS	4950 4620
Wellsite GeologistRoger.Martin	4290
Phone	3630
Designate Type of Completion	17' 2970
New Well Re-Entry Workover	2310
Viati Diviged SWO Temo Abd	1650
X OHI Plogged SWD Temp Abd  Gas Junj Delayed Comp.  Other (Core Water Supply etc.)	990
Dry Other (Core, Water Supply etc.)  If OMFWO: old well info as follows:	330
Operator	5280 4950 4820 4290 3300 3300 2310 1980 11320 1320 1320 3300 3300 3300 1320 132
Well Name	WATER SUPPLY INFORMATION
•	Disposition of Produced Water: XX Disposal
WELL HISTORY Drilling Method:	So. Leitsburg, Stafford, KS
X Mud Rotary Air Rotary Cable Pluyyd-9-15-87	Questions on this portion of the ACO-1 call:
12/7/7912/16/792/.7/80	Water Resources Board (913) 296-3717 Source of Water:
Spud Date Date Reached TD Completion Date	Division of Water Resources Permit #
4450'	GroundwaterFt North from Southeast Corner
Total Depth PBTD	(Well)Ft West from Southeast Corner of
Amount of Surface Pipe Set and Cemented at 443 feet	Sec Twp RgeEastWest
Multiple Stage Cementing Collar Used? Yes X No	Surface WaterFt North from Southeast Corner
If yes, show depth setfeet If alternate 2 completion, cement circulated	(Stream,pond etc)Ft West from Southeast Corner Sec Twp Rge East West
fromyeet depth tow/SX cmt	
Cement Company Name	Other (explain)
	cate and filed with the Kansas Corporation Commission, within 90 days after completion or recompletion of any
information on side two of this form will be h	eld 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. g shall be attached with this form. Submit CP-4 form with
all plugged wells. Submit CP-111 form with all temp	· .
All requirements of the statutes, rules and regulat	Ions promulgated to regulate the oil and gas Industry have
been fully compiled with and the statements herein ar	
Signature paul M. Ganzelman	F Letter of Confidentiality Attached
TitleGeologist-KS DivDate	9./30/87 C Wireline Log Received C Drillers Timelog Received
PATRICIA L. UNGLEICH Subscribed and sworth Thay the But to me this 30th day of	Distribution September KCC SWD/Rep NGPA
STATE OF KAUSAS	KGS REPRUSED Other
Notery Public My Appt. Exp. Jatricia L. Ungleich	STATE CORPCRATION COMMISSSORCITY)
Date Commission ExpiresMarch-27,1891	

CONFORMAGR JIV(31084)

## SIDE TWO

Operator Name DOGGETT 1								
Sec. 17 Twp. 26S Rge. 15 XX	East West Co	unty	Pratt.	•••••	•••••	•••••		
WELL LOG								
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 Samples Sent to Geological Survey Yes	No No	 	Formatic	on Descri	p <b>tion</b> Sample			
Cores Taken Yes	No No	 	ame .	•	Тор	Bottom		
PLEASE SEE ATTACHED C-10	PLE	ASE SEE	ATTAC	HED C-	-10			
		]   						
,		; 				<b>L.</b>		
· •								
•								
•		ļ ,	•					
CASING RECO	<u> </u>					<del></del> ,		
Report all strings set-conduc		Used intermediat	te, product	ion, etc.	Tuna			
Purpose of String   Size Hole   Size Casing   Drilled   Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type a Perce Additi	nt		
Diffred   Set (in Sec.)		L				ves		
PERFORATION RECORD		Actd Co.		0		D		
Shots Per Foot   Specify Footage of Each Interv	al Perforated		nd Kind of I			Depth		
	•••••	  •••••••	•••••	••••••		•••••		
	••••••		••••••	• • • • • • • • •		•••••		
TURING PEOCRE								
<u> </u>	cker at 	Liner Ru	Ye:	No				
Date of First Production   Producing Method	lowing Pum	ping 🔲 Gas	L1ft [ 0t	her (expl	ain),			
011	Gas	Wate	<u> </u>	as-Oil Ra	tio	Gravity		
Estimated Production		! [ !						
Per 24 Hours Bbis	MCF	   	Bbls	(	CFPB			
METHOD	OF COMPLETION	I N	11771	/// Pro	duct ion	Înterval		
Disposition of gas: Vented	Open Hole	_	ration 🐇	tita starej Mondoldaj				
Sold Used on Lease		cify)						
,		ally Comple mmingled	Ted	•••	•••••	•••••		



## WORK ORDER CONTRACT

Division of Halliburton Company DUNCAN, OKLAHOMA 73536 AND PRE-TREATMENT DATA FORM 1908 R-4 DISTRICT YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE TO: HALLIBURTON SERVICES THE SAME AS AN INDEPENDENT CONTRACTOR TO: AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SEC. TWP. RANGE FIELD. OWNED BY COUNTY THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT WEIGHT TO FORMATION P.S.I. NAME TYPE FORMATION CASING 72 THICKNESS FROM TO LINER PACKER: TYPE SET AT\_ TUBING TOTAL, DEPTH MUD WEIGHT OPEN HOLE SHOTS/FT BORE HOLE PERFORATIONS INITIAL PROD: BPD. H2O BPD. GAS PERFORATIONS BPD, H20 PRESENT PROD: BPD. GAS. MCF PERFORATIONS PREVIOUS TREATMENT DATE MATERIALS TREATMENT INSTRUCTIONS: TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED THRU 12 CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, njury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the tesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton,
- (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton, Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- Halliburton warrents only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE, Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequental damages.
- Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.

(i) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton,

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT

THAT I AM AUTHORIZED TO SIGN THE SAME ASSOURT OF THE SAME ASSOCIATION OF THE SAME ASSOCIA SIGNED CUSTOMER IJO! WOISING MOLTANIES \_A.м. Р.м. Wichita, Kansas TIME

We certify that the Fair Labor Standards Act of 1938, as amended, has been compiled with in the production of goods and/or with respect to services furnished under this contract.

## WELL LOG Doggett #2 W/2 SE SE 17-26S-15W Pratt County, Kansas

Name of Operator:

Mull Drilling Co., Inc. 221 N. Main, Suite 300 Wichita, Kansas 67202

Date Completed:

December 6, 1979

FROM 450 1350 1985 2145 2756 3060 3330 3865 3930 4025 4055	150 1350 1985 2145 2756 3060 33865 3925 4055 4450	Surface Sand & Shale Red Bed Shale & Sand Shale, Lime & Sand Shale & Shells Shale & Sand Shale, Lime & Sand Shale & Shells Shale & Shells Shale & Lime Lime Shale & Lime Lime
4055 4450	4450	Lime Lime Total Depth

STATE OF KANSAS

COUNTY OF BARTON ss

George E. Miller, Jr. President of Blue Goose Drilling Co., Inc. being first duly sworn on oath says: That I have knowledge of the facts, statements and matters herein contained and the log of the above described well as filed and that the same are true and correct.

Subscribed and sworn before me this 20th day of December, 1979.

Mary Ann Schwambo Notary Pyblic Barton County

My Commission Expires 8-1-81

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> 0CT 5 1987

KANSAS DRILL	ERS LOG	-			,	·   •	s. <u>17</u> т. <u>2</u>	6 R. 15 W W	
API No. 15	Pratt	15-	-151-20	/706			Loc. <u>W/2</u> S	••	
Operator	County	Nu	ımber			,	County Prat	t, KS/	
•	DRILLING CO	MPANY		·			• 64	10 Acres N	
Address		200 174	-1-2 7/6	. (7202					
ZZI N. M. Well No.	ain Suite :	300 W.L	chita, K	5 0/202	· · · · · · · · · · · · · · · · · · ·	-	160	160	
2	4	GETT		14			- - -		
Footage Location	<del></del>				<del>-</del>				
660 feet from	(184) (S) line		90 feet logist	from (E) XXX	line		160		
•	se Drllg.	ı	oger L.	Martin					
Spud Date	·		I Depth	P.B.T.D.		_	Locate well correctly		
12/7/79			453	4400	b' '		Elev.: Gr. 2050		
Date Completed 12/16/79		Oil F	Purchaser	. ,	1.	l r	OF	кв2057 !	
		١ ،	CASING	RECORD	· · ·		<del>,</del>		
Report of all stri	ngs set— surface,	-	•					÷	
Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cem	ent	Sacks	Type and percent additives	
,						,		,3% cc	
Surface	$12\frac{1}{4}$	8-5/8	20#	443	Cmmn		300	2% gel/Alli	
Productio	n 7-7/8	5월''	14#	4449'	Poz(5	0-50)	125 s	x	
	. ; .			•	. (				
<del></del> ,			,				· - · · · ·		
· · · · · · · · · · · · · · · · · · ·	LINER RECOR	l	<u></u>	<del>'                                     </del>	<u></u>	PERFORA	TION RECOR	Ъ	
Top, ft.	Bottom, ft.	Sacks c	ement	Shots	per ft.		Size & type Depth Interval		
		: `	general general general	1 1				4045-56'	
	TUBING RECO	RD		i '		,		,	
5ize '	Setting depth	Packer :	set at		<del></del>				
<del></del>									
		int and kind of	URE, SHOT,	CEMENT SQ	UEEZE RECO	RD_	Dep	th interval treated	
	1	<del> </del>	<del></del>	<del></del>	<del></del>		1		
1000 gals 15% spearhead acid				·	4056'				
	*								
	<del></del>								
<del></del>	<del> ,</del> ,		INITIAL PR	ODUCTION		<del></del>	<u></u>	<del></del>	
Date of first production		Producin	g method (flow	ing, pumping, g	as lift, etc.)			<del></del>	
February 7	, 1980		Pumping	<u> </u>					
RATE OF PRODUCTION PER 24 HOURS 25	Oil	0.5	Gas		Water		1	oil ratio	
Disposition of gas (venter		95 65	is.		MCF Produci	ng intervol	bbls,	СЕРВ	
<u> </u>					1	nsing			
					ا بازار ا				

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

C-10-1972

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OCT 5 1987

Operator MULL DRILLING	COMPA, INC.			DESIGNATE TYPE OF COME HOLE, SWOW, ETC.	OMP.: OIL, GAS,			
Well No.	Lease Name DOGGETT	<del></del>			,			
s 17 T26S R 15W								
	WELL LOG  orosity and contents thereof; cored inter- cushion used, time tool open, flowing and			SHOW GEOLOGICAL MAR OR OTHER DESCRIPTIVE	KERS, LOGS RUN, E INFORMATION.			
	IPTION, CONTENTS, ETC.	ТОР	воттом	NAME	DEPTH			
	l .							
	71 - 1	0700	e e	,	j			
	Heebner	3733			]			
to to	Brown Line Lansing	3886 3901			· ·			
	B/KC	4195			J			
•	Miss	4321		,				
ing the second of the second	Kind Sd	4358						
,	Viola	4423		,				
Programme and the second of th	LTD	4453	*."		·			
•	ender om de la companya de la compa	, n •		and the second				
	30/30-45-60-60		0700	OTO 15				
Strong blow/b	ttm bkt/1 min. GTS/ in.; 4120 CFG/20 min	so min. q	a: 6720	CFG/5 min.	, , , , , , , , , , , , , , , , , , ,			
	GCM(10% oil) 244'				h .			
	183 ' oil sptd wtr			Ly may goy or	<b>-</b> ,			
	FFP 169-254 FSIP 1			н 1993				
	85' / 30-45-90-60		•					
Very weak err	atic blow/1st flow	period; d	ommenced	bldg and bui	lt up to 10			
inches in bbl	bkt end of 90 min.	2nd flow	per: re	5' oil cut	mud;			
61' oil spott	ed mud; 122' muddy	vtr w/ sp	ots of o	11, 248' sait				
tool plugged:	otal fluid; ISIP fa FFP 105-264# FSIP	se, too.	oose Fu	r 2014	e to read;			
	55' / 30-45-60-60	,0 <i>i</i>	2033 FH	1 2014	•			
	t open: GA 440 MCF/	6 min/ 42	9 MCF/10	min./ 311 MC	F/20 min.			
295 MCF/30 mi	n.; 2nd open: GA 42	MCF/5 n	in.: 429	MCF /10 min.				
355 MCF/20 min	n.; 295 MCF/30 min/	stab @ 2	95/60 mi:	n. rec 5' OCM	; 183' vy			
fmy gsv OCM:	30' Mdy fmy gsy oil	122' vy	fmy gsy	oil; 122' cl	ean gssy			
	y; 462' tot f1: IS	IP 977 :	FP 126-8	4 FFP 116-84	FSIP 956			
IHH 2046 FHH		1.2		• 4				
	- <u>97' / 30</u> -45-90-60 w throughout both pe		20. 30. 1	oil ontto wtw	rr md			
	P 52-52 FFP ;63-63							
	98' / 30-45-60-60 (			2000 21111 200	<b>'</b>			
Weak blow inc	rsg to strong blow;	rec 85'	oil sptt	d wtry md; 18	O' oil			
spttd mdy wtr	; ISIP 1479   IFP ;95	-105 FFI	158-179	FSIP 1458				
	415(Miss & Kind Sh)							
	strong blow; bttm			Rec 90' mud				
. 181P 211 1FP	84-84 FFP 105-105	FSIP 42	43					
		[ 						
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.								
Date Received			1	19 11/1. 11	1			
			Robert S	ignature O. Wall				
¥	<b>,</b>			SIDENT				
,	·		2 2010	Title				
			A,	18/80				
•	}	<del></del>		9 dte				

RECEIVED
STATE COMPONING COMMISSION

OCT 5 1987