

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

Operator: License # 5144
Name Mull. Drilling Company, Inc.
Address P.O. Box 2758
City/State/Zip Wichita, KS 67201

Purchaser Koch Oil

Operator Contact Person Paul Gunzelman
Phone (316) 264-6366

Contractor: License # Blue Goose Drlg
Name Great Bend, KS

Wellsite Geologist Roger Martin
Phone

Designate Type of Completion

New Well Re-Entry Workover
 Plugged SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/7/79 .. 12/16/79 .. 2/7/80 ..
Spud Date Date Reached TD Completion Date
4450'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 443'
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

API NO. 15-15-151-20,706-0000
County Bratt
W/2 SE SE Sec. 17 Twp. 26S Rge. 15 East
XX West
660 Ft North from Southeast Corner of Section
090 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

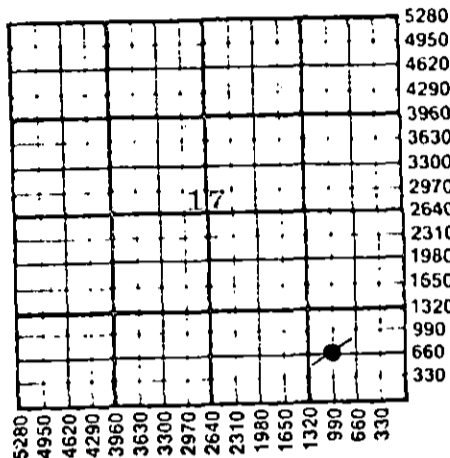
Lease Name Doggett Well # 2

Field Name Hopewell/Wil

Producing Formation Lansing-KC. H!

Elevation: Ground 2050 KB 2057

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring
So. Leitsburg, Stafford, KS

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Paul M. Gunzelman

Title Geologist-KS Div Date 9/30/87

Subscribed and sworn to before me this 30th day of September
1987
Notary Public Patricia L. Ungleich
Date Commission Expires March 27, 1991

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Other
STATE CORPORATION COMMISSION (Specify)
8075 1987

Sec. 17 Twp. 26S. Rge. 15W

Operator Name MULL DRILLING Lease Name DOGGETT Well # 1

Sec 17 Twp 26S Rge 15 East West County 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 No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

PLEASE SEE ATTACHED C-10

PLEASE SEE ATTACHED C-10

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
.....
.....
.....
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
.....	
.....	
.....	
.....	
TUBING RECORD		Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)

Used on Lease

Dually Completed
 Commingled

Production Interval

.....
.....
.....

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-4

A Division of Halliburton Company DUNCAN, OKLAHOMA 73536

ATTACH TO INVOICE & TICKET NO. 622505

DISTRICT: 11111 K5

DATE: 9-15-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: [Signature] (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. [Redacted] SEC. [Redacted] TWP. [Redacted] RANGE [Redacted]

FIELD [Redacted] COUNTY [Redacted] STATE [Redacted] OWNED BY [Redacted]

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, PERFORATIONS. Includes handwritten data for casing and liner.

PREVIOUS TREATMENT: DATE #12 TYPE [Redacted] MATERIALS [Redacted]

TREATMENT INSTRUCTIONS: TREAT THRU TUBING [] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED []

Handwritten notes: 25 SKS Casing and Liner (1000') etc. 50 SKS 1000' T. S. S. 35 SKS Pump in Annulus

CEMENT USED 110 SYL ECONOLITE

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. (b) 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...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: [Signature] 1087, DATE: 9-15-87

TIME: [Redacted] P.M. Wichita, Kansas

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

CUSTOMER

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

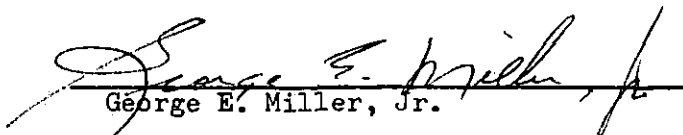
Date Completed: December 6, 1979

<u>FROM</u>	<u>TO</u>	
0	450	Surface Sand & Shale
450	1350	Red Bed
1350	1985	Shale & Sand
1985	2145	Shale, Lime & Sand
2145	2445	Shale & Shells
2445	2756	Shale & Sand
2756	3060	Shale, Lime & Sand
3060	3330	Shale & Shells
3330	3865	Shale & Sand
3865	3930	Shale & Lime
3930	4025	Lime
4025	4055	Shale & Lime
4055	4450	Lime
4450		Total Depth

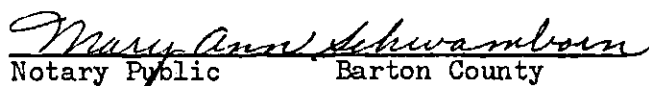
STATE OF KANSAS

COUNTY OF BARTON ss

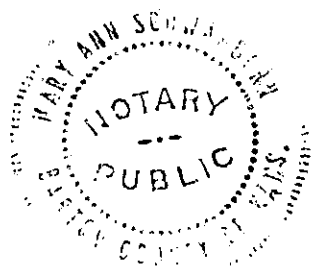
George E. Miller, Jr. President of Blue Goose Drilling Co., Inc.
being first duly sworn on oath says: That I have knowledge of the facts,
statements and matters herein contained and the log of the above described
well as filed and that the same are true and correct.


George E. Miller, Jr.

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


Notary Public Barton County

My Commission Expires 8-1-81



RECEIVED
STATE CORPORATION COMMISSION

OCT 5 1987

CONSERVATION DIVISION
Wichita, Kansas

KANSAS DRILLERS LOG

S. 17 T. 26 R. 15 ^{NE} W

API No. 15 — Pratt — 15-151-20/706
County Number

Loc. W/2 SE SE

County Pratt, KS/

Operator
MULL DRILLING COMPANY

Address
221 N. Main Suite 300 Wichita, KS 67202

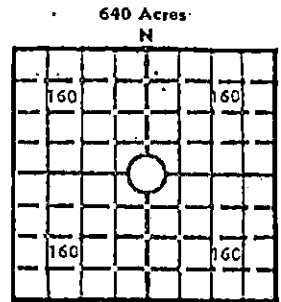
Well No. 2 Lease Name DOGGETT

Footage Location
660 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor Blue Goose Drllg. Geologist Roger L. Martin

Spud Date 12/7/79 Total Depth 4453 P.B.T.D. 4400'

Date Completed 12/16/79 Oil Purchaser



Elev.: Gr. 2050' (Locate well correctly)

DF _____ KB 2057'

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8-5/8	20#	443	Cmmn	300	3% CC 2% gel/Allie
Production	7-7/8	5 1/2"	14#	4449'	Poz(50-50)	125 sx	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth Interval
			4		4045-56'

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth Interval treated
1000 gals 15% spearhead acid	4056'

INITIAL PRODUCTION

Date of first production February 7, 1980	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS 25 hrs. X 95 bbls. MCF	Water Gas Gas-oil ratio bbls. CFPB
Disposition of gas (vented, used on lease or sold)	Producing Interval (s) Lansing

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

RECEIVED
STATE CORPORATION COMMISSION

OCT 5 1987

CONSERVATION DIVISION
Wichita, Kansas

Operator

MULL DRILLING COMPANY, INC.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
OIL.

Well No.

2

Lease Name

DOGGETT

S 17 T26S R 15W^E_W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Heebner	3733			
Brown Line	3886			
Lansing	3901			
B/KC	4195			
Miss	4321			
Kind Sh	4358			
Viola	4423			
LTD	4453			
DST #1 3905-30/30-45-60-60 Strong blow/bttm bkt/1 min. GTS/30 min. Ga: 6720 CFG/5 min. 4760 CFG/10 min.; 4120 CFG/20 min. stab @ 4120 CFG/60 min. Rec 30' oil & GCM(10% oil) 244' very foamy slightly mdy gsy oil; 30' oily wtr; 183' oil sptd wtr. Tot fl = 487' IFP 148-169 FFP 169-254 FSIP 1217 IHH 2014 FHH 1993				
DST #2 3939-85' / 30-45-90-60 Very weak erratic blow/1st flow period; commenced bldg and built up to 10 inches in bbl bkt end of 90 min. 2nd flow per: rec 5' oil cut mud; 61' oil spotted mud; 122' muddy wtr w/ spots of oil, 248' salt water; 436' total fluid; ISIP false, tool plugged; IFP - unable to read; tool plugged; FFP 105-264# FSIP 987 IHH 2035 FHH 2014				
DST #3 4033-55' / 30-45-60-60 GTS/3 min. 1st open: GA 440 MCF/5 min/ 429 MCF/10 min./ 311 MCF/20 min. 295 MCF/30 min.; 2nd open: GA 429 MCF/5 min.; 429 MCF /10 min. 355 MCF/20 min.; 295 MCF/30 min/ stab @ 295/60 min. rec 5' OCM; 183' vy fmy gsy OCM; 30' Mdy fmy gsy oil 122' vy fmy gsy oil; 122' clean gssy oil; 35° grvty; 462' tot fl: ISIP 977 IFP 126-84 FFP 116-84 FSIP 956 IHH 2046 FHH 2025				
DST #4 4075 - 97' / 30-45-90-60 Very weak blow throughout both periods: Rec 30' oil spttd wtry md ISIP 1405 IFP 52-52 FFP ;63-63 FSIP 1384 IHH 2088 FHH 2067				
DST #5 4155-98' / 30-45-60-60 (L' Zone) Weak blow incrsng to strong blow; rec 85' oil spttd wtry md; 180' oil spttd mdy wtr; ISIP 1479 IFP 95-105 FFP 158-179 FSIP 1458				
DST #6 4310-4415(Miss & Kind Sh) 30-45-60-60 Fair incrsng to strong blow; bttm bkt throughout; Rec 90' mud ISIP 211 IFP 84-84 FFP 105-105 FSIP 423				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Robert O. Wall

Robert Signature O. Wall

PRESIDENT

Title

4/8/80

Date

RECEIVED
STATE CORPORATION COMMISSION

OCT 5 1987

CONSERVATION DIVISION
Wichita, Kansas