

ORIGINAL

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

Operator: License # 5144
Name: Mull Drilling Company, Inc.
Address P.O. Box 2758
Wichita, KS 67201
City/State/Zip _____
Purchaser: N/A
Operator Contact Person: Scott E. Hampel
Phone (316) 264-6366
Contractor: Name: _____
License: _____
Wellsite Geologist: _____
Designate Type of Completion
 New Well Re-Entry Workover

Oil SMD SIOW Temp. Abd.
 Gas ENHR SIGM
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: Roland S. Bond
Well Name: Zeigler C #1
Comp. Date 1-31-60 Old Total Depth 5650

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 4998 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. D-12,623

3-21-66 3-28-66 4-22-66
Spud Date of Re-work start. Date Reached TD Completion Date

API NO. 15- Drilled before 1967 15-097-0000-0001
County Kiowa
C - NW - SW Sec. 28 Tmp. 27S Rge. 20 X E
1980 Feet from S/R(circle one) Line of Section
4620 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 C Well # 1 SWD

Field Name Fralick West
Producing Formation N/A
Elevation: Ground 2303 KB 2312
Total Depth 5650 PBDT 4998

Amount of Surface Pipe Set and Cemented at 415 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan OWWO, 8-17-99 U.C.
(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. _____ S Rng. _____ E/W
County _____ Docket No. _____
WICHITA, KS 8-4-1999

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KANSAS CORPORATION COMMISSION
AUG 4 1999
CONSERVATION DIVISION
WICHITA, KS

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 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 Scott E. Hampel
Title Vice President Prod. & Eng. Date 8-4-99
Subscribed and sworn to before me this 4th day of August, 19 99.
Notary Public Tannis L. Tritt
Date Commission Expires 3.26.2003

TANNIS L. TRITT
Notary Public - State of Kansas
My Appt. Expires 3.26.2003

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Mull Drilling Company, Inc. Lease Name Zeigler C Well # 1 SWD
 Sec. 28 Twp. 27S Rge. 20 East County Kiowa
 West

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.)
 List All E.Logs Run: Radiation Log

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums			<input type="checkbox"/> Sample
Name	Top	Datum	
Mississippi	4878	-2556	
Simpson	5490	-3188	
Arbuckle	5537	-3225	
TD	5650	-3338	

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	12 1/4	8 5/8"		415		350	
Production	7 7/8	5 1/2"		5552	60/40 Poz.	50	
DV Tool				5050	60/40 Poz	125	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
Open Hole	5552-5650	Spedi-line plug (3-71)	4998'
2	4894-4918 & 4928-4936 (3-71)	3000 gal	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	4806	4806	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
3-13-71				
Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A 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
 Production Interval Other (Specify) _____

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
 508 East Murdock, Wichita, Kansas

COPY
ORIGINAL

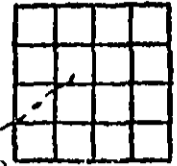
Company- ROLAND S. BOND
 Farm- Ziegler No. 1

RECEIVED
 KANSAS CORP COMM SEC. 28 T. 27 R. 20W
 C NW SW
 1999 AUG 12 A. 11: 44

Total Depth. 5010'
 Comm. 1-16-60 Comp. 1-31-60
 Shot or Treated.
 Contractor. Garvey Drilling Co.
 Issued. 4-9-60

County Kiowa

KANSAS



CASING:
 9 5/8" 415" cem. w/350 sx.

Elevation. 2312 RB

Production. Dry

Figures Indicate Bottom of Formations.

surface soil, sand & gravel	
	65
blue shale	90
sand	130
shale.	670
red bed & shale	750
anhydrite	775
shale	1310
shale w/lime streaks	2420
lime	2652
lime & shale	2730
lime	2948
lime & shale	2960
shale w/lime streaks	3077
lime & shale	3785
shale & chalky lime	3940
chalky lime	4021
chalky lime & shale	4090
lime & shale	4210
shale & lime	4266
lime	4818
lime & shale	4851
lime	4950
lime & shale	5010
Total Depth	
TOPS: SCOUT	
HEEBNER	4115
Lansing	4266
Mississippi	4878

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