

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

**COPY** *and*

API NO. 15- 077-21364 0000

County Harper County, Kansas

NE - NW - SW - SE Sec. 27 Twp. 31S Rge. 9 XX <sup>E</sup> <sub>W</sub>

2310 Feet from S/W (circle one) Line of Section

990 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S/W (circle one)

Lease Name Pearl Well # 1-27

Field Name Spivey-Grabs Basil

Producing Formation Mississippi

Elevation: Ground 1642' KB 1651'

Total Depth 4550' PBD 4550'

Amount of Surface Pipe Set and Cemented at 267 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 A.H.I. 12-29-98 U.O.  
(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 600 bbls

Dewatering method used Hauled offsite

Location of fluid disposal if hauled offsite:

Operator Name Messenger Petroleum, Inc.

Lease Name Nicholas SWD License No. 4706

NE Quarter Sec. 20 Twp. 30 S Rng. 8 EW

County Kingman Docket No. DS27434

Operator: License # 5144  
Name: Mull Drilling Company, Inc.  
Address P.O. Box 2758  
City/State/Zip Wichita, Kansas 67201-2758  
Purchaser: Spivey Gasoline Plant  
Operator Contact Person: Scott Hampel  
Phone (316) 624-6366 Ext. 12  
Co actor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Scott Mueller

Date Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

8-25-98 09-01-98 10-17-98  
Signature Date Date Reached TD Completion Date  
8-25-1998

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 Hampel  
Title VP-Production & Engineering Date 12-21-98  
Subscribed and sworn to before me this 21st day of December, 1998.  
Notary Public Tannis R. Tritt  
Date Commission Expires March 26, 1999

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

**TANNIS L. TRITT**  
Notary Public - State of Kansas  
My Appt. Expires 3-26-99

Operator Name Mull Drilling Company, Inc. Lease Name Pearl Well # 1-27

Sec. 27 Twp. 31 Rge. 9  East  West  
 County Harper County, Kansas

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: Log-Tech:  
 Borehole Compensated Sonic; DIL and  
 Dual Compensated Porosity

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	3528	- 1877
Lansing	3697	- 2046
Stark	4144	- 2496
B/KC	4242	- 2591
Cherokee	4375	- 2724
Mississippi	4434	- 2783

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"	20#	267.55'	60/40 Poz	200	3%cc 2%gel
Production	7-7/8"	4-1/2" Used	10.5#	4549'	ASC	125	5#kol-seal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input 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
4	4436' - 4450'	1000 gal 15% MCA	
		Frac'd w/31,600 gals 25# Delta frac fluid and 50,000# 12/20 sand	

TUBING RECORD Size 2 3/8" Set At 4401' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SMD or Inj. 10/17/98 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1.5	98	57	65,300	

Disposition of Gas: **METHOD OF COMPLETION**  Vented  Sold  Used on Lease (If vented, submit ACO-18.) **Production Interval**  Open Hole  Perf.  Dually Comp.  Commingled 4436'-4450'  
 Other (Specify) \_\_\_\_\_