

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

Operator: License # 32210Name: Harry Spring OperatingAddress P.O. Box 1788City/State/Zip Ardmore, OK 73402-1788

Purchaser: _____

Operator Contact Person: Harry A. SpringPhone (580) 226-3800Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Mike Pollock

Designate 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 ☐ PBTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Inj?) ☐ Docket No. _____

09-22-99 09-29-99 09-30-99
 Spud Date Date Reached TD Completion Date

API NO. 15- 007-22603 0000County Barber County, KansasC - NE - NE - Sec. 17 Twp. 35 Rge. 15 xxv650 Feet from S (circle one) Line of Section600 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
(NE, SE, NW or SW (circle one))Lease Name Brass Well # 1-17

Field Name _____

Producing Formation MississippiElevation: Ground 1716 KB 1724Total Depth 5250' PBTD 5218'Amount of Surface Pipe Set and Cemented at 260 FeetMultiple 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 HH-1, 10-25-99 UC
(Data must be collected from the Reserve Pit)Chloride content 2000 ppm Fluid volume 100 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

1.) Molz Oil & Gas2.) McGinnessOperator Name 1.) Molz 2.) LohmannLease Name 1.) 6006 2.) 5255License No. 1.) 10W 2.) 12WEQuarter 2 Sec. 29 Twp. 35 Rng. 15County 2) Barber Docket No. 2) CD #11804County 2) Barber Docket No. 2) CD #4812

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 [Signature]Title Owner/Operator Date 10-19-99Subscribed and sworn to before me this 19th day of October, 19 99.Notary Public [Signature]Date Commission Expires April 13, 2002

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) DOG

Operator Name Harry Spring Operating Lease Name Brass Well # 1-17
 Sec. 17 Twp. 35 Rge. 15 ☐ East
☒ West County Barber 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: Dual Ind, Micro,
 CNL-Density

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
6/ Heebner SH	4203	-2479
KC/Lansing	4400	-2676
Cherokee	5080	-3356
Mississippi	5116	-3392

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"	24#	260'	60/40 Poz	175	3%cc 2%gel
Production	7-7/8"	5-1/2"	10.5#	5246'	ASC	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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
2 SPF	5116-29 5134-44	1000 gal 15% NE Acid	
		480 bbl 65 Q N2 Foam w/	
		80,000 #20-40 sd	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	5062	5062		
Date of First, Resumed Production, SMD or Inj.	Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
WOPLC					
Estimated Production Per 24 Hours	Oil 0 Bbls.	Gas 1600 Mcf	Water 0 Bbls.	Gas-Oil Ratio	Gravity 6

Disposition of Gas: METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
 (If vented, submit ACO-18.) ☐ Other (Specify) _____