

Operator Name RAMA Operating Co., Inc. Lease Name Gilliant Well # 1-31

East County Pawnee

Sec. 31 Twp. 22s Rge 15w 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" type="checkbox"/> Sample
Samples Sent To Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	945	1071
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Herrington	1981	35
List All E. Logs Run: <u>Dual Ind, Comp. Newt</u>		Winfield	2034	-18
		Howard	3001	-986
		Topeka	3076	-1059
		Heeb.	3446	-1430
		Lansing	3580	-1564
		BKC	3824	-1808
		Congl.	3910	-1894

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	534	60/40	340	3% C.C.
Production	7 7/8						

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			Acid, Fracture, Shot, Cement Squeeze Record
	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, Resumed Production, SWD or Inj.	P & A	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 Bbls.	Gas Mcf #	Water Bbls. #	Gas-Oil Ratio Gravity
	0			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: _____

CONFIDENTIAL

COPY

Sterling Drilling Company, Rig #1

Box 1006, Pratt, Kansas 67124-1006
Office Phone (316) 672-9508, Fax 672-9509

SAMPLE LOG

Gallart 1-31

LOCATION: C E/2 Se Ne
API: 15-145-21479-00-00

Section 31 T 22s R 15w
Pawnee County, Kansas

OWNER: RAMA Operating Co., Inc.
CONTRACTOR: Sterling Drilling Company, Rig #1

COMMENCED: 11-Feb-02
COMPLETED: 20-Feb-02

TOTAL DEPTH:	DRILLER	3980	FEET
	LOGGER	3983	FEET

Ground Elevation: 2007
KB Elevation: 2016

LOG

0 -	2 FEET	Top Soil
2 -	15 FEET	Clay
15 -	173 FEET	Sand and Gravel
173 -	310 FEET	Shales
310 -	538 FEET	Sand
538 -	946 FEET	Shales and Sand
946 -	961 FEET	Anhydrite
961 -	1981 FEET	Salt and Shale
1981 -	3980 FEET	Limestone/Shale and Dolomite

KCC
APR 12 2002
CONFIDENTIAL
RECEIVED
APR 15 2002
KCC WICHITA

CASING RECORDS

Surface/Production Casing Data:

Spud @ 10:00 am on 02-11-02. Drilled 12 1/4" hole to 538'. Ran 13 joints of new 23# 8-5/8" surface casing, tallied 526.70' set at 534' KB. Cemented with 340 sacks 60/40 Poz, 2% Gel, 3% CC. Plug down at 12:45 am on 02-12-02 by Allied. Good returns. Ticket # 08521.

PLUGGING RECORDS

Received plugging orders from Scott Alberg at 11:10 am. 2-19-02. Plugged well as follows: Heavy mud in hole. Used 60/40 Poz with 6% Gel. 1st plug: 50sx at 975'. 2nd plug: 50sx at 560'. Top plug: 10 sx at 40', cemented to surface. Rathole 15sx. No mousehole. Plugging completed at 11:45 am on 2-20-02 by Allied, ticket # 7577. Reported to KCC-Mike Maier 12:00 pm 2-20-02

DEVIATION SURVEYS

1/4 degree(s) at	538	feet
1/2 degree(s) at	2004	feet
3/4 degree(s) at	2908	feet

Release
MAY 11 2004
From
Confidential