

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

ORIGINAL

API NO. 15-185 22,805-0000

County Stafford

-C- -NE- NE Sec. 34 Twp. 25 Rge. 11 X E W

Operator: License # 3911

Name: RAMA Operating Co., Inc.

Address Box 159

City/State/Zip Stafford Ks. 67578

Purchaser: _____

Operator Contact Person: Robin L. Austin

Phone (316) 234 5191

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: Wayne Lebsack

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-24-91 9-30-91 9-30-91
Spud Date Date Reached TD Completion Date

656 Feet from SWN (circle one) Line of Section

660 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 Gamble Well # 1

Field Name Wildcat

Producing Formation _____

Elevation: Ground 4819 KB 1828

Total Depth 4210 PBTB 4210

Amount of Surface Pipe Set and Cemented at 240 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 cat.

Drilling Fluid Management Plan API DFD
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 500 bbls

Deaerating method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name J & M Dewayne's Tank

Lease Name Unknown License No. Unknown

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 V.P. Date 1-24-92

Subscribed and sworn to before me this 27th day of January KANSAS CORPORATION COMMISSION
19 92.

Notary Public Billie Postier

Date Commission Expires February 21, 1992

BILLIE POSTIER
Notary Public - State of Kansas
My Appt. Expires Feb. 21, 1992

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Well Log Received
Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
Distribution
KCC SWD/Rep NGPA
JAN 28 1992 Plug Other
(Specify)

CONSERVATION DIVISION
WICHITA, KS
Form ACO-1 (7-91)

PI

Operator Name RAMA Operating Co., Inc. Lease Name Gamble Well # 1

JAMISON
County Stafford

Sec. 34 Twp. 25 Rge. 11
 East
 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 Datum	<input 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			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run:				

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
Surface	13	10/ 3/4	32	240	Common	200	

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: SELL TO S.W.A.L.

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Conmingled

Other (Specify) _____

Production Interval _____

ORIGINAL

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KANSAS CORPORATION COMMISSION

JAN 28 1992

GAMBLE No. 1
GEOLOGICAL FORMATION TOPS

CONSERVATION DIVISION
WICHITA, KS

FORMATION TOP	ELECTRIC LOG DEPTH	DRILLING TIME DEPTH	SUB-SEA DEPTH (E-LOG)
Heebner Shale	3361	3364	-1533
Brown Limestone	3539	3542	-1711
Lansing	3569	3571	-1741
Lansing 'H' Base	3729	3731	-1901
BKC	3893	3895	-2065
Mississippian Chert	3979 (30')	3973	-2151
Mississippian Ls Top	4018 (25')	4011	-2190
Kinderhook Shale	4043	4042	-2215
Viola	4151	4150	-2323
Total Depth	4210	4210	-2382

DRILL STEM TEST RESULTS

DST No. 1			
Interval: 3954' to 4070' (116' of anchor)			
Intervals tested: Mississippian Chert (entire section)			
Period	Time	Pressure	Description
IHSP		2002	
IFP	30	51-51	Weak 7" blow.
ISIP	30	153	Still building.
FFP	15	61-61	Weak 2" blow.
FSIP	45	183	Still building.
FHSP		1961	BHT = 118 deg. F.
Recovery:	65' of Drilling mud. (No shows, no gas in pipe.)		

DISTRICT PHATT KS

ORIGINAL DATE 9-24-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: WANDA OLIVER (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE GAUSSE SEC. TWP. RANGE

FIELD COUNTY STAFFORD STATE KS OWNED BY

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT:

FORMATION NAME TYPE
FORMATION THICKNESS FROM TO
PACKER: TYPE SET AT
TOTAL DEPTH 230 MUD WEIGHT
BORE HOLE 14 1/4
INITIAL PROD: OIL BPD, H₂O BPD, GAS MCF
PRESENT PROD: OIL BPD, H₂O BPD, GAS MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>32.5</u>	<u>10 3/4</u>	<u>15</u>	<u>230</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE TYPE MATERIALS
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
CEMENT 10 3/4 (SG W) 200 SKS 4 1/2" 2 1/2" TOTAL GEL, 378 CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the product supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect punitive or consequential damages.
 - e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing or returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
SIGNED Wanda Oliver CUSTOMER
DATE 9-24-91
TIME 10:00 A.M. P.M.
RECEIVED
KANSAS CORPORATION COMMISSION

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
CUSTOMER

JAN 28 1992

CONSERVATION DIVISION
WICHITA, KS

JOB LOG

ORIGINAL

WELL NO. 1 LEASE Garble TICKET NO. 173524
 CL. MER. DATA OIL. PAGE NO.
 JOB TYPE 10th SURFACE DATE 9.24-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1940							Called out READY NOW
	1030							DUKAC - SET UP Big Packer 2000 Pipe D'ILL Pipe out
	1150							MAKE START TRIP
	1230							START CASING TO HOLE
								WIND TO HOLE
	1240							WIND TO HOLE AND PUMP
								BREAK CIRCULATION
								Finish Circulation
								Back to HOLE
	1247	4.0	30	-	-		150	POD FRESH 410 SPACER
	1250	5.6	0	✓	-		200	START MIXING CEMENT
	1258	5.6	45.2				200	Finish mixing cement
								Release plug
	1302	5.5	0	-	-		200	Start displacement
	1304	5.5	220				225	Plug down
								NO RETURNS of Cement - Showing
	1415							Plug down hole FOUND CEMENT 15' +
	1430							JOB COMPLETE

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 KANSAS CORPORATION COMMISSION

JAN 28 1992

CONSERVATION DIVISION
 WICHITA, KS

CUSTOMER