

Incl

7389

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 3911
Name: RAMA Operating Co. Inc
Address P.O. Box 159
City/State/Zip Stafford, KS 67578
Purchaser: NCRA
Operator Contact Person: Robin L. Austin
Phone () 316 234-5191
Contractor: Name: Duke Drilling Co.
License: 5929
Wellsite Geologist: Lebsack/McClain
Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, VSW, 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. D-26,648

07-18-92 07-26-92 09-12-92
Spud Date Date Reached TD Completion Date

API NO. 15- 095-21665
County Kingman **COPY**
- C - S/2 - Sw Sec. 13 Twp. 27 Rge. 10 X W
660 Feet from S/N (circle one) Line of Section
3960 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 Milburn Well # A-2
Field Name Dresden
Producing Formation Arbuckle
Elevation: Ground 1737 KB 1742
Total Depth 4550 PBTB _____
Amount of Surface Pipe Set and Cemented at 305 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 12-1-92 AD
(Data must be collected from the Reserve Pit)
Chloride content 8000 ppm Fluid volume 300 bbls
Dewatering method used hauled off fluids
Location of fluid disposal if hauled offsite: _____
Operator Name Suburban Service
Lease Name U.K. License No. _____
Quarter _____ Sec. _____ Twp. _____ 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 [Signature] Date 10-26-92
Subscribed and sworn to before me this 26th day of October, 19 92.

Notary Public Billie Postier
Date Commission Expires _____
My Appt. Expires 2-21-96

K.C.C. OFFICE USE ONLY RECEIVED
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
DISTRIBUTION
KCC _____ SVD/Rep _____ NGPA _____
KGS _____ Plug _____
OCT 28 1992
Wichita Division

SIDE TWO

Operator Name RAMA Operating Co. Inc. Lease Name Milburn Well # A-2

Sec. 13 Twp. 27 Rge. 10 East West
 County Kingman

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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

Attached

List All E.Logs Run:

Dual Induction; Comp Density; Comp Neutron Log; Microlog; Coral

CASING RECORD <input type="checkbox"/> New <input checked="" 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	12½	8 5/8	28	305	Pozmix	185	60/40 2% gel
Production	7 7/8	5½	15.50	4485	Pozmix	125	60/40 10% sal

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	
	O.H.	4485-4550		750 gal. 15% F.E.

TUBING RECORD Size 2 3/8 Set At 4437 Packer At 4437 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 09-12-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Builly Comp. Commingled Other (Specify) _____
 Production Interval _____

DRILL STEM TEST RESULTS

DST No. 1 and 2
Interval: 4272' to 4283' (11' of Anchor)
Intervals tested: Upper Viola Dolomite

- * DST #1 was a misrun, a bridge was encountered 75' off bottom in the Kinderhook Shale/Limestone and the tool could not push through. After DST #1 was attempted, the bit was run down to the bridge and the bridge would hold the weight of the string. When the kelly was attached and mud was pumped while reaming, the bridge was not encountered and TD (4283) was reached. Heavy mud was then spotted 1000' up from bottom.

DST #2 was a misrun, a similar bridge was hit 65' off bottom and the anchor could not push through. Six inches of packed sample cuttings were found on the bottom of the anchor and the tool was partially plugged with cuttings. The decision was made to drill to the Simpson Sandstone and attempt a DST there if a show is favorable.

DST No. 3			
Interval: 4338' to 4384' (46' of Anchor)			
Intervals tested: Upper Simpson Sandstone			
Period	Time	Pressure	Description
IHSP		2241	
FHSP		2241	BHT = 114 deg. F.
Recovery:	No Recovery, tool plugged. No accurate pressure data obtained. Testing times 30-15-15-30.		

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REGULATION COMMISSION

OCT 28 1992

REGULATION DIVISION
Wichita, Kansas

13-27-10W
Milburn 'A' 2

GEOLOGICAL FORMATION TOPS

FORMATION TOP	ELECTRIC LOG DEPTH	DRILLING TIME DEPTH	SUB-SEA DEPTH (E-LOG)
Onaga Shale	2354	2356	-612
Topeka Limestone Top	2954	2954	-1212
Heebner Shale	3306	3310	-1564
Brown Limestone	3484	3484	-1742
Lansing Top	3492	3493	-1750
BKC	3890	3890	-2148
Cherokee Shale	4003	4008	-2261
Mississippian Chert	4046	4044	-2304
Mississippian Ls	4062	4058	-2320
Kinderhook Shale	4083	4082	-2341
Viola Dolomite	4278	4277	-2536
Simpson Shale	4362	4362	-2620
#1 Simpson Sandstone	4373	4373	-2631
#2 Simpson Sandstone	None	None	None
Arbuckle Dolomite	4461	4460	-2719
Total Depth	4550	4550	-2808

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