

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

Operator: License # 3536
Name RAMCO Drilling Services, Inc.
Address P.O. Box 99
City/State/Zip Belpre, OH 45714

Purchaser

Operator Contact Person John David Gocke
Phone (614) 423-9591

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist W. Scott Alberg
Phone (316) 672-5729

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date

WELL HISTORY

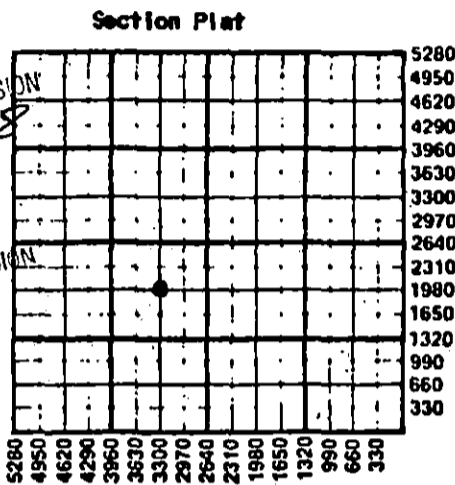
Drilling Method:
 Mud Rotary Air Rotary Cable
8/17/88 8/26/88 9/16/88
Spud Date Date Reached TD Completion Date
4296'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 344 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-155-21,112-0000
County Reno
C. NE/4 SW/4 Sec. 33 Twp. 25S Rge. 8 East West
1980 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Melvin Minor Well # 2
Field Name Wildcat-Step out Arledo
Producing Formation Mississippi
Elevation: Ground 1596 KB 1601

RECEIVED
CORPORATION COMMISSION
9-26-88
SEP 26 1988

CONSERVATION DIVISION
Wichita, Kansas



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Hauled by drilling contractor
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 VP/Engl Date 9-23-88

Subscribed and sworn to before me this 23rd day of September 1988

Notary Public James E. Blair

Date Commission Expires State of West Virginia

My Commission Expires April 7, 1994

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
9-26-88
Form ACO-1 (5-86)

Sec 33 Twp 25S Rge 8 East West

SIDE TWO

Operator Name **RAMCO Drilling Services, Inc.** Lease Name **Melvin Minor** Well No. **2**

Sec. **33** Twp. **25S** Rge. **8** East West County **Reno**

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

DST #1 - 2101-2140', 30-60-30-60, IHP - 1067, IFP - 29, FFP - 39, SIP - 799, FHP - 1059, Temp. - 97°, Rec. 30' MUD.

DST #2 - 3285-3335', 30-60-45-90, IHP - 1612, IFP - 39, FFP - 77, SIP - 1296, FHP - 1602, Temp. - 120°, Rec. 135' SGCM, few specks oil, 45' WTR.

DST #3 - 3545-3580', 30-60-30-60, IHP - 1736, IFP - 29, FFP - 39, SIP - 126, FHP - 1707, Temp. 118°, Rec. 60' MUD.

DST #4 - 3810-3825', 30-60-30-90, IHP - 1918, IFP - 367, FFP - 425, SIP - 1258, FHP - 1889, Temp. 114°, Rec. - 1st open GTS in 2 min. 2,258 MMCFD - 10 min., 2.441 MMCFD - 20 min., 2.441 MMCFD - 30 min., 2nd open - 2.558 MMCFD - 10 min., 2.558 MMCFD - 20 min., 2.558 MMCFD - 30 min., Temp. 114°, Rec. 50' wattery mud.

DST #5 - 3825-3846', MISS RUN.

Formation Description		
Name	Top	Bottom
Indian Cave	2099	
Tarkio	2361	
Howard	2531	
Heebner	3036	
Brown Lime	3215	
Lansing	3246	
B/Kansas City	3619	
Mississippian	3808	
Viola	4127	
Simpson Shale	4155	
Arbuckle	4248	
Log Total Depth	4296	

CASING RECORD <input checked="" 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	12 1/2"	8-5/8"	24#	344'	60/40 P07	195	2% gel, 3% cc.
Production	7-7/8"	5 1/2"	15.5	3999'	Lite/CL A	40/75	1% Flocece/10% salt, 1% Flocele
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3829-3833'						
2	3840-3842'						
1	3810-3820'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer at			
2-3/8"		3770'					
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
3 PT. test 9/13/88							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
0 Bbls		AF0= 2.0 MCF		0 Bbls	---	CFPB	

METHOD OF COMPLETION Perforation Open Hole Other (Specify) 3810-3820'.....

Disposition of gas: Vented Sold Used on Lease Pending pipeline tie-in.

Dually Completed Conmingled

DST # 6 - 4146-4172', 30-30-30-30, IHP - 2090, IFP - 29, FFP - 48, SIP - 1249,
FHP - 2081, Temp. 131°, Rec. 90' MUD.

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