

ORIGINAL

SIDE ONE

NP 88930 Release 8-14-90
~~CONFIDENTIAL~~

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 Energy Corporation
Address P.O. Box 99
City/State/Zip Belpre, Ohio 45714

Purchaser Panhandle Eastern

Operator Contact Person Dave Gocke
Phone (614) 423-9591

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist 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 OWWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

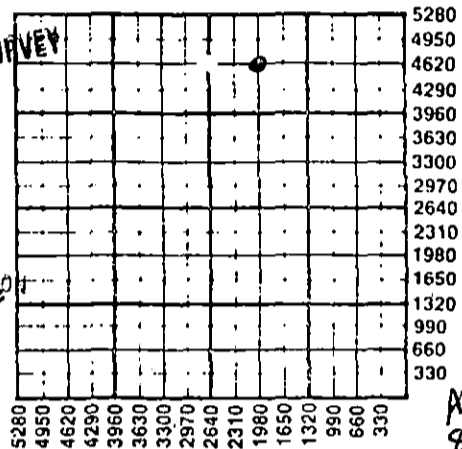
Drilling Method:
 Mud Rotary Air Rotary Cable
1/3/89 1/10/89 01/19/89
Spud Date Date Reached TD Completion Date
4190'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 350 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API No. 15-155-21-116-0000
County Reno
C... NW... NE Sec 33 Twp 25 Rge 8... East
4620 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Charles Coleman Well # 1
Field Name
Producing Formation Mississippi
Elevation: Ground 1580' KB 1585'

Section Plat



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION
8-21-89
AUG 21 1989
CONSERVATION DIVISION
Wichita, Kansas

ALT 1
8-14-90

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
1/4 mile north of location
 Other (explain)
(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 West VP/Eng Date 1-25-89

Subscribed and sworn to before me this day of 19...
Notary Public
Date Commission Expires

Form ACO-1 (5-86) 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)

P1 X

Operator Name: **Ramco Energy Corporation** Lease Name: **Charles Coleman** Well # **1**

Sec. **33** Twp. **25** 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

Formation Description
 Log Sample

DST #1 3799'-3809' 30-60-30-60 Mississippi
 IHP 1920, IFP 82-41, ISIP 1159, FFP 82-41,
 FSIP 1138, FHP 1920, Temp 110° F. Rec'd GTS
 in 3 mins, stabilized at 125 mcf, 75' G&OCM.

DST #2 3809'-3819' 30-60-30-60 Mississippi
 IHP 1848, IFP 21-31, ISIP 1087, FFP 31-51,
 FSIP 1056, FHP 1848, Temp 112° F. Rec'd 730'
 GIP, 30' GCM w/ specs of oil, 40' water,
 Chl 67,000 ppm.

Name	Top	Bottom
Indian Cave	2087'	(-502)
Tarkio	2347'	(-762)
Howard	2518'	(-933)
Heebner	3021'	(-1436)
Brown Lime	3202'	(-1617)
Lansing	3238'	(-1653)
B/KC	3608'	(-2023)
Mississippi	3805'	(-2220)
Viola	4124'	(-2539)
Simpson Shale	4147'	(-2562)
Arbuckle	DNP	
RTD	4194'	(-2609)

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	12-1/4"	8-5/8"	20#	350'	60/40 Poz	195	2%gel; 3%cc
Production		4-1/2"	9.5#	4187'	60/40 Poz	230	10%salt; .8% Halad
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 SPF	3804'-3809'			500 gal 15% DSFE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Size 2-3/8"	Set At	Packer at 3780.38'				
Date of First Production	Producing Method						
01/20/89	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	100 MCF	1.5 Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3804'-3809'
 Used on Lease Dually Completed
 Commingled