

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 31468
Name: Mercer Oil and Gas Co
Address: PO Box 721753
Norman
City/State/Zip: OK 73070
Purchaser: Associated Transport & Trading
Operator Contact Person: Ron L. Mercer
Phone: (405) 364-0272
Contractor: Name: Darnall Drilling
License: 6281
Wellsite Geologist: Dale Whybark
Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ EMHR ☐ SIGV
☐ Dry ☐ Other (Core, WSV, 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 _____ PSTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SWD or Inj?) _____ Docket No. _____
Spud Date: 10/25/94 Date Reached TD: 10/26/94 Completion Date: 2/3/95

API NO. 15- 019-26-364-371
County: Chautauqua
NE XX - NE - SW - NW Sec. 15 Twp. 34 Rge. 12 X
3795 Feet from XX (circle one) Line of Section
4125 Feet from XX (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, XX, NW or SW (circle one)
Lease Name: DeArmond Well # 42
Field Name: Peru-Sedan
Producing Formation: Wayside
Elevation: Ground _____ KB _____
Total Depth: 976 PSTD 955
Amount of Surface Pipe Set and Cemented at 60 Feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 980
feet depth to Surface w/ 115 sz cement
Drilling Fluid Management Plan ALT 2 9/4 11-22-95
(Data must be collected from the Reserve Pit)

Chloride content FW _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
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 EXEMPTING 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: Ron L. Mercer
Title: Ron L. Mercer, President Date: 2/8/95

Subscribed and sworn to before me this 8th day of February 19 95.

Notary Public: [Signature]
Date Commission Expires: 6-19-97

STATE CORPORATION COMMISSION		K.C.C. OFFICE USE ONLY	
RECEIVED		Letter of Confidentiality Attached	
FEB 1 1995		Wireline Log Received	
CLERK OF THE COMMISSION		Geologist Report Received	
DISTRIBUTION		SWD/Rep _____	
_____		Plug _____	
_____		Other (Specify) _____	

301-VE-21

SIDE TWO

Operator Name Mercer Oil and Gas CoLease Name DeArmondWell # 42Sec. 15 Twp. 34S Rge. 12E☒ EastCounty Chautauqua☐ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra if more space is needed. Attach copy of log.

Drill Stem Tests Taken
(Attach Additional Sheets.)☐ Yes ☒ No

Samples Sent to Geological Survey

☐ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ NoList All E.Logs Run: GAMMA RAY/NEUTRON☐ Log Formation (Top), Depth and Datum☒ Sample

Name

Top

Datum

Wayside-peru

908

Layton (Big Salt)

580

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	9 7/8	7"	26#	60	Common	10	
Production	6 1/4	4 1/2	10.5#	975	50/50 Poz	115	2% el

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze (Amount and Kind of Material Used)	Card Depth
2 spf	924-934, 908-913	Frac w/ 7500 gw & 5500 # 20-40	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	900'	None		
Date of First, Resumed Production, SWD or Inj.	2/3/95	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (lain)		
Estimated Production Per 24 Hours	Oil 2 Bbls.	Gas none Mcf	Water 56 Bbls.	Gas-Oil Ratio	Gravit

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Confining

Production Interval

908'-934'

ORIGINAL

DEARMOND #42 OCT 26, 1994

11 ft. DRILL OFF

260 SAND, WHITE, SUGARY, FG, SUBANG, GOOD FOR

30% FLUOR
LT BRN STAINSTREAM
CUT

262 SAND

NO FLUOR

550-60: SHALE: DK GRAY

60-70: SH.

70-80: SH.

LATION

80-90 SAND: WHITE, VEG, MOSTLY CLEAN GOOD FOR NO SHOW

90-600 SAND: WHITE, VEG,

A FEW CUTTING w/ SHOW (3% IN SAMPLE)

600-10 SD :

TIGHTER

NO SHOW

10-12 SD :

TIGHT

12-14 LIME: BRN TO BUFF

NO SHOW

14-16 Lm

16-18 Lm

18-20 Lm

20-22 SHALE + LIME

STATE OF CALIFORNIA
 DEPARTMENT OF MINES AND GEOLOGICAL SURVEY
 FEB 13 1995
 CALIFORNIA GEOLOGICAL SURVEY

301-4E-21

ORIGINAL

685-90 SHALE: DL GRAY. SILTY

690-95 SH.

95-100 SAND, LT. GRAY, FG, SHALE INC. FAIR POR NO FLUOR

100-5 SAND LT. GRAY, FG,

5-10 SAND

GOOD POR.

10-15 SAND

15-20 SAND

20-25 SAND

906 LM.

OIL IN
PITS

908 SAND: BRN, FG.

910 SAND: OOZY IN PART WHITE SHALE
IN SOMEGOOD
SPOTTED FLUOR - STREAM
CUTGOOD
OIL

912 SAND:

914 SAND:

INC IN CLEAN SAND

916 SD OOZY

MOSTLY SHALEY

918 SD

920 SD

922 SD

924 SD

926 SD

928 SD

BRN. FG

NOT OOZY

(1/2 CLEAN 1/2 SHALEY)

GOOD
SPOTTED
FLUORSTREAM
CUT

930 SD

932 SD

934 SD

OIL IN PITS
COMES & GOES
AS THOUGH DRILLING
ALTERNATE SD-SHALE BED

STATE COM.

FEB 1

1995

15-34-12E
ORIGINAL

	936	SAND	ALL CLEAN, BRN, FG,	SHALE INC.		SPOTTED STAIN	STREAM CUT	GOOD ODOR
	938	SD						
11-12 GOOD SAND	940	SD,						
	942	SD.						
	944	SHALE: GRAY. SOME SAND						
	946	SH.						
	948	SH.						
	950	SH.						
	952	SH.						
	954	SH						
	956	SH.						
	958	SH.						
	960	SH.						
	965	LIME: WHITE TO BUFF, TIGHT, NO SHOWS.						
	970	LIME: WHITE TO BUFF,						