

Sub

COPY

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 # 4780

Name: MIDWEST ENTERPRISES, INC.

Address P. O. Box 16563

Wichita

City/State/Zip Wichita, Ks 67216-0563

Purchaser: KOCH

Operator Contact Person: Leonard L. Rising

Phone (316) - 681-0383

Contractor: Name: McPherson Drilling

License: 5675

Wellsite Geologist: None

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5/1/92 5/2/92 8/24/92
Spud Date Date Reached TD Completion Date

API NO. 15- 019-26,219
County Chautauqua
SE-SW - NE - Sec. 16 Twp. 34 Rge. 12 E
2145 Feet from S/W (circle one) Line of Section
1890 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 LOWE Well # 12
Field Name Peru-Sedan
Producing Formation Layton
Elevation: Ground N/A KS N/A
Total Depth 1,000 PBDT 700'
Amount of Surface Pipe Set and Cemented at 40.5' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 41'
feet depth to Surface w/ 23 sx cnt.
Brilling Fluid Management Plan SLT 2 OK 10-8-92
(Data must be collected from the Reserve Pit)
Chloride content Fresh ppm Fluid volume 100 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name N/a
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 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 Keith L. Rising
Title President Date 8/24/92
Subscribed and sworn to before me this 24th day of August
19 92.
Notary Public Jennifer J. Kincaid
Date Commission Expires July 28, 1996

E.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
RECEIVED
STATE CORPORATION COMMISSION
Distribution
 KCC SWD/Rep NSPA
 KGS Plug
AUG 26 1992
Wichita, Kansas
CONSERVATION DIVISION
Wichita, Kansas

Operator Name MIDWEST ENTERPRISES, INC.

Lease Name LOWE

Well # 12

Sec. 16 Twp. 34 Rge. 12

East
 West

County CHAUTAUQUA

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.)

List All E.Logs Run: Gamma Ray - Neutron

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Layton	614	628
Wayside	896	912
Weiser	985	1,000

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	9 5/8	7"	23	40.5	Portland	23	2 gel
Production	5 1/4	2 7/8	6.5	940'	Portland	113	4 gel

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	Depth
One	900 - 912	Frac 230 sacks of sand	900-912
Two	619 - 624. CIBP @ 700'	Frac 100 sacks of sand	619-624
		after 300 gal 15% HCL	619-624

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Tubingless completion

Date of First, Resumed Production, SMD or Inj. 8/24/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2	None		40	N/A	32

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACD-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 619-624

COPY

DRILLERS LOG

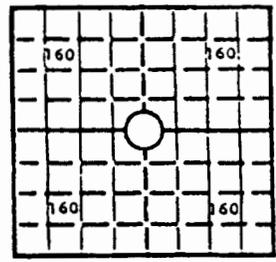
S.16 T.34 R.12 E
W

API No. 15 - 019 - 26,219
County Number

Loc. SE SW NE

County Chautauqua

640 Acres
N



Locate well correctly

Elev.: Gr. N/A

DF _____ KB _____

Operator Midwest Enterprises, Inc.	
Address P.O. Box 16563 Wichita, KS. 67216-0563	
Well No. 12	Lease Name Low
Footage Location 2145 feet from <input checked="" type="checkbox"/> (S) line 1890 feet from (E) <input checked="" type="checkbox"/> line	
Principal Contractor McPherson Drilling	Geologist
Spud Date 5/1/92	Total Depth P.B.T.D.
<input checked="" type="checkbox"/> Completed	Oil Purchaser
5/2/92	

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	9 5/8	7"	23#	40.5	Consolidated	23	2 gel
PRODUCTION	5 1/4	2 7/8	6.5	940	"	230	4 gel

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Silt	0	22	Lime	964	985			
Gravel	22	29	Sand	985	991			
Sand-H2O	29	32	Oil Sand	991	1000	TD		
Sandy Shale	32	260						
Sandy Lime	260	268						
Oil on Pit	265							
Shale	268	307						
Lime-sandy	307	374						
Shale	374	595						
Sandy Shale	595	614	gas 75mcf					
Sand	614	618						
Oil Sand	618	626						
Lime	626	628						
Shale	628	680						
Lime	680	688						
Shale	688	878						
Lime	878	879						
Shale	879	884						
Lime	884	893						
Green Shale	893	894						
Oil Sand	894	911						
Shale	911	951						
Lime	951	960						
Shale	960	964						

RECORDED
 STATE OF KANSAS
 AUG 2 1992