

ILLINOIS STATE GEOLOGICAL SURVEY

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ELECTRIC LOG TOPS from Company

	<u>Top</u>	<u>Bottom</u>
Menard Lower	2296	2302
Vienna	2356	2364
Glen Dean	2489	2508
Barlow	2682	2687
Cypress	2698	2768
Renault Lower	2964	2979
Aux Vases, sandstone, very faint odor, very slight show of oil	2988	2998
Ste Genevieve	3032	
Ohara, odor, show of oil	3056	3059
Rosiclare	3068	3075
McClosky, broken	3113	3179
St Louis, scattered faint odors and very slight show of oil from 3330' - 3400'	3180	3530
Salem	3530	3840
Salem Lower, strong odor, good show of oil and bright fluorescence from 3798' - 3808' and 3817' - 3830'	3798	
Warsaw	3840	

Total Depth: 3918

Plugged Back Total Depth: 3860

Date Drilling Began: 11/9/2020

Casing 8 5/8" - 920' , cemented with 380 sacks
 5 1/2" - 3903' , cemented with 225 sacks
 13 3/8" - 170' , cemented with 280 sacks

DST #1 (Salem Lower) 3771' - 3880'. Tool open 15 minutes. closed 60 minutes. Open 60 minutes, closed 60 minutes. Gas to surface in 40 minutes. Recovered 30' gas and oil cut mud, 70% gas, 10% oil, 20% mud, 150' fresh oil speck mud. ISIP 1786.00#. FSIP 1732.00#. IHP 1909.00#. FHP 1888.00#. IFP 45.00# -51.00#. FFP 100.00# - 100.00#.

Permit Date: 8/26/2020 **Permit #:** 66293 **Reference #:** 217891

COMPANY Pamco Oil & Gas LLC

FARM Duvall

NO. 71X-3

DATE DRILLED January 3, 2021

COUNTY NO. 34203

AUTHORITY Company

ELEVATION 376' KB - Company

LOCATION 354'N line, 873'E line of NE NE

COUNTY White

API# 1219334203 00

3-6S-10E

ILLINOIS STATE GEOLOGICAL SURVEY

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Perforated:	3796' - 3798',	shots not reported
	3798' - 3808',	shots not reported
	3814' - 3818',	shots not reported
	3818' - 3828',	shots not reported
Acidized:	3796' - 3828',	2,000 gallons 20% MCA
Fractured:	3796' - 3828',	903 bbls. gelled KCl water with 28,000 lbs. sand

I.P. 48 bbls. of oil, 50 bbls. of water per day, from the Salem (3796'-3828')

Array Induction Gamma Ray Log filed.

Photo Density Compensated Neutron Microlog GR filed.

Gamma Ray Neutron Casing Collar Log filed.

Geologist's Report filed.

Drill Stem Test Report filed.

Imaged Log viewing help: New users please read this.

GET FILE	Cased Hole Log
GET FILE	Density Log
GET FILE	Induction Electric Log
GET FILE	Scanned Documents

Permit Date:	8/26/2020	Permit #:	66293	Reference #:	217891
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COMPANY	Pamco Oil & Gas LLC	
FARM	Duvall	NO. 71X-3
DATE DRILLED	January 3, 2021	COUNTY NO. 34203
AUTHORITY	Company	
ELEVATION	376' KB - Company	
LOCATION	354'N line, 873'E line of NE NE	
COUNTY	White	API# 1219334203 00 3-6S-10E

Permit Date: 8/7/2026 **Permit #:** 204976 **Reference #:** 217891

COMPANY Mountain View Oil, LLC

FARM Duvall

NO. 71X-3

WI

DATE DRILLED

COUNTY NO. 34203

AUTHORITY

ELEVATION 376' KB - Company

LOCATION 354'N line, 873'E line of NE NE

COUNTY White

API# 1219334203 01

3-6S-10E