

ILLINOIS STATE GEOLOGICAL SURVEY

Page 1

Date Drilling Began: 5/1/1954

Temporarily abandoned

[Imaged Log viewing help: New users please read this.](#)

GET FILE	Scanned Documents
GET FILE	Scout Check Ticket
GET FILE	Scout Check Ticket

Permit Date:	4/29/1954	Permit #:	1049	Reference #:	12389
---------------------	-----------	------------------	------	---------------------	-------

COMPANY	Superior Oil Company
----------------	----------------------

FARM	Fitton, E. M.
-------------	---------------

NO. A-31

DATE DRILLED

COUNTY NO. 03207

AUTHORITY	Company
------------------	---------

ELEVATION	369' GL -
------------------	-----------

LOCATION	330'S line, 330'E line of NW NE
-----------------	---------------------------------

COUNTY	White
---------------	-------

API# 1219303207 00

29-4S-14W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 2

ELECTRIC LOG TOPS from Company

	<u>Top</u>	<u>Bottom</u>
Menard Upper	2138	
Menard Middle	2158	
Menard Lower	2206	
Glen Dean	2336	
Golconda	2454	
Barlow	2574	2579
Cypress	2616	
Bethel	2732	
Renault Upper	2798	
Renault Lower	2830	
Aux Vases, show of oil from 2855' - 2878'	2854	
Ste Genevieve	2886	
St Louis	3003	
Salem	3776	

Total Depth: 3833

Plugged Back Total Depth: 2877

Date Drilling Began: 5/1/1954

Casing 10 3/4" - 149' , cemented with 150 sacks
 7" - 2912' , cemented with 200 sacks

Permit Date: 5/17/1954 **Permit #:** 1259 **Reference #:** 12389

COMPANY Superior Oil Company

FARM Fitton, E. M.

NO. A-31

DATE DRILLED June 6, 1954

COUNTY NO. 03207

AUTHORITY Company

ELEVATION 369' GL -

LOCATION 330'S line, 330'E line of NW NE

COUNTY White

API# 1219303207 01

29-4S-14W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 3

Cores #1, 2268.00' - 2288.00', Cut: 20.00', Recovered: 20.00'	
2268' - 2288'	shale, gray to black, hard, brittle.
#2, 2619.00' - 2624.00', Cut: 5.00', Recovered: 5.00'	
2619' - 2619.5'	sand, medium grained, shaley, hard, low porosity and permeability, fair saturation, bleeding few pin points of oil.
2619.5' - 2623'	sand, medium grained, hard, low porosity and permeability, light oil stain, salty taste, no presence of free oil.
2623' - 2624'	sand, medium grained, hard, low porosity and permeability, light oil stain, bleeding few scattered pin points of oil and salt water feebly, few fine line shale laminations.
#3, 2859.00' - 2900.00', Cut: 41.00', Recovered: 41.00'	
2859' - 2862'	sand, fine grained, fair porosity and permeability, medium hard, blanket oil saturation, good odor.
2862' - 2866'	sand, fine grained, fair to low porosity and permeability, banded saturation (70%), good odor, hard, unsaturated sand is gray-green.
2866' - 2868'	sand, fine grained, low porosity and permeability, hard, cross bedded, few fine line shale laminations, low porosity and permeability, banded oil saturation (50%) sand is gray-green.
2868' - 2871'	sand, fine grained, low porosity and permeability, hard, crossbedded, numerous fine line gray green shale laminations, low porosity and permeability, banded oil saturation (20%) unsaturated sand is gray-green.
2871' - 2874'	sand, fine grained, low porosity and permeability, hard, crossbedded, few fine line shale laminations, low porosity and permeability, banded saturated (60%) unsaturated sand is gray-green.
2874' - 2877'	sand, fine grained, low porosity and permeability, hard, numerous fine line shale laminations, banded saturation (20%), low porosity and permeability, unsaturated sand is gray-green with no apparent salty taste.
2877' - 2883.5'	sand, fine grained, numerous fine shale laminations, crossbedded, hard, gray-green, banded saturation (5%), low porosity and permeability, hard.
2883.5' - 2884.5'	dolomite, finely sucrosic, gray, hard, no show.

Permit Date:

Permit #:

Reference #:

COMPANY

FARM

NO.

DATE DRILLED

COUNTY NO.

AUTHORITY

ELEVATION

LOCATION

COUNTY

API#

ILLINOIS STATE GEOLOGICAL SURVEY

Page 4

2884.5' - 2886'	shale, dark gray, hard, fissile.
2886' - 2893'	lime, finely crystalline, hard, buff to brown, slightly fossiliferous, brachiopods, dense.
2893' - 2894.5'	lime, oolitic, medium sized, well cemented, hard, buff to brown, no porosity, no show of oil.
2894.5' - 2900'	shale, gray to green, hard, sandy, blocky.
#4, 2900.00' - 2949.00',	Cut: 49.00', Recovered: 50.00'
2900' - 2900.5'	shale, dark gray to green, hard, sandy.
2900.5' - 2912.5'	lime, finely crystalline to oolitic, hard, dense, buff, no show.
2912.5' - 2917.5'	shaley limestone, buff to brown, fine to medium crystalline, dense, shale is dark gray to green, hard, no show.
2917.5' - 2925.8'	lime, finely crystalline, buff, dense, no show.
2925.8' - 2929.5'	lime, finely crystalline to sucrosic, buff, dense, vertical fracture plane extending over interval, bleeding oil and gas feebly along plane of fracture.
29.5' - 2933.5'	lime, finely crystalline, buff to brown, hard, dense, impervious.
2933.5' - 3935'	lime, fine crystalline to lithographic, buff, few 1/4 inch calcite inclusions.
2935' - 2938'	lime, oolitic, well cemented, buff to brown, hard, dense, impervious, no show.
2838' - 2943'	lime, medium crystalline, scattered oolites, buff to brown, hard, dense, impervious.
2943' - 2944.4'	lime, finely crystalline to lithographic, buff, hard, dense, impervious.
2944.4' - 2945'	dolomite, sucrosic, gray, medium hard.
2945' - 2948'	lime, lithographic, gray to buff, hard, dense, impervious.
2948' - 2950'	dolomite, gray, sucrosic, medium hard, no show.
#5, 2950.00' - 3000.00',	Cut: 50.00', Recovered: 51.00'
2950' - 2956'	lime, finely crystalline, gray, hard.
2956' - 2958'	lime, oolitic, closely packed, buff, well cemented, hard, dense.
2958' - 2961'	lime, finely crystalline to sucrosic, buff to brown, hard, dense, impervious.

Permit Date:

Permit #:

Reference #:

COMPANY

FARM

NO.

DATE DRILLED

COUNTY NO.

AUTHORITY

ELEVATION

LOCATION

COUNTY

API#

ILLINOIS STATE GEOLOGICAL SURVEY

Page 5

2961' - 2965'	lime, oolitic to crystalline, buff to brown, hard, dense, impervious.
2965' - 2966'	lime, fine to medium crystalline, brown, hard, dense, impervious.
2966' - 2969'	lime, finely crystalline to oolitic, fossiliferous (Brachiopods), brown, hard, dense, impervious.
2969' - 2973'	lime, oolitic, gray to buff, well cemented, hard, dense, impervious, fossiliferous (Brachiopods).
2973' - 2974'	lime, dark brown, lithographic, hard, dense, impervious.
2974' - 2977'	lime, fine crystalline to sandy appearance, light to medium brown, hard, dense, impervious with inclusion of gray lithographic shale.
2977' - 2979'	lime, finely crystalline, brown, partly sucrosic, hard, dense, impervious.
2979' - 2980'	lime, gray to buff, sucrosic, slightly dolomitic, hard, dense, impervious.
2980' - 2981'	lime, brown, finely crystalline, hard, dense, impervious.
2981' - 2984'	lime, oolitic, buff, closely packed, well cemented with brachiopods.
2984' - 2989'	lime, finely crystalline, buff, hard, dense, impervious, slightly sucrosic.
2989' - 2994'	lime, finely crystalline to sucrosic, shaley, dark gray to black with small inclusion of calcite.
2994' - 2995'	lime, finely crystalline to sucrosic, buff, hard, dense, impervious.
2995' - 2997'	dolomitic limestone, finely sucrosic, buff, salty taste, 2997' grades to limey dolomite.
2997' - 2998'	lime, finely crystalline to sucrosic, buff to brown, hard, dense, impervious.
2998' - 3000'	lime, oolitic, slightly crystalline, brown, well cemented.
3000' - 3001.5'	lime, buff to brown, lithographic, hard, dense, impervious.
#6, 3000.00' - 3049.00', Cut: 49.00', Recovered: 49.00'	
3000' - 3003'	dolomitic limestone, brown, finely crystalline to sucrosic, no show.
3003' - 3032'	lime, finely crystalline to sublithographic, brown, with scattered gray chert nodules.

Permit Date:

Permit #:

Reference #:

COMPANY

FARM

NO.

DATE DRILLED

COUNTY NO.

AUTHORITY

ELEVATION

LOCATION

COUNTY

API#

ILLINOIS STATE GEOLOGICAL SURVEY

Page 6

3032' - 3033.5'	lime, oolitic, low porosity, and permeability, fair oil saturation, bleeding scattered pin points of oil.
3033.5' - 3034.7'	lime, finely crystalline, brown, dense.
3034.7' - 3036.5'	lime, oolitic, low porosity and permeability, bleeding numerous pin points of oil and gas.
3036.5' - 3042.8'	lime, finely crystalline, brown, dense.
3042.8' - 3043.4'	lime, oolitic, low porosity and permeability, bleeding pin points of oil and salt water.
3043.4' - 3049'	lime, finely crystalline, brown.
#7, 3756.00' - 3784.00', Cut: 28.00', Recovered: 27.00'	
3756' - 3776'	lime, fine to medium crystalline, dark gray to brown, hard, dense, impervious.
3776' - 3778.3'	lime, fine to medium crystalline, gray to brown, fossiliferous, slightly cherty.
3778.3' - 3781'	lime, reef with crystalline structure, Bryozoans, low porosity and permeability, bleeding oil and gas from numerous scattered pin points of porosity, light salty taste.
3781' - 3782'	lime, reef with crystalline structure, low porosity and permeability, bleeding oil from numerous pin points of porosity, fine line vertical fracture bleeding oil and salt water.
3782' - 3783'	lime, fine to medium crystalline, fossiliferous, dense, excepting for few scattered pin points of porosity, bleeding new pin points of oil feebly.
#8, 3784.00' - 3832.00', Cut: 50.00', Recovered: 52.00'	
3784' - 3788'	lime, finely crystalline, high fossiliferous, semi-coquina, Bryozoan, gray, low porosity, and permeability, bleeding few scattered pin points of oil feebly, salty taste.
3788' - 3791'	lime, finely crystalline, highly fossiliferous, semi-coquina, Bryozoa, gray, low to fair porosity and permeability, strong salty taste, no show
3791' - 3795'	lime, fine to medium crystalline, fossiliferous, gray-buff, salty, taste, dense, no show.
3795' - 3797'	lime, coarse crystalline, dark gray to brown, scattered oolitic, dense, impervious.

Permit Date:

Permit #:

Reference #:

COMPANY

FARM

NO.

DATE DRILLED

COUNTY NO.

AUTHORITY

ELEVATION

LOCATION

COUNTY

API#

ILLINOIS STATE GEOLOGICAL SURVEY

Page 7

	3797' - 3803'	lime, fine crystalline, medium dark brown, with scattered smokey gray chert nodules, dense, impervious.
	3803' - 3811'	lime, finely crystalline to oolitic, gray to brown, dense, impervious.
	3811' - 3836'	lime, finely crystalline, medium to dark brown, scattered dark gray shale partings.
DST #1	(Cypress) 2577' - 2619'.	Tool open 45 minutes. closed 15 minutes. Recovered 5' drilling mud. BHP 0#.
DST #2	(Cypress) 2576' - 2645'.	Tool open 60 minutes. Recovered 240' salty drilling mud, 125' muddy salt water. Double wall packer. BHP 645#.
DST #3	(St Louis) 3170' - 3209'.	Tool open 60 minutes. Recovered 150' gas, 15' drilling mud. BHP 89#.
Perforated: 2856' - 2860', 32 shots		
Fractured: 2856' - 2860', 55 bbls. heavy lease oil and 6,000 lbs. sand		

I.P. 203 bbls. of oil, from the Aux Vases (2856'-2860')

Micro Log filed.

Electric Log filed.

Core Study filed.

Core Analysis Report filed.

Drilling Time Log filed.

Composite Log filed.

Core # 2912 3756' - 3836' Received: 6/1/1954

[Imaged Log viewing help: New users please read this.](#)

GET FILE	Induction Electric Log
GET FILE	Induction Electric Log
GET FILE	Micro Log
GET FILE	Scanned Documents
GET FILE	Scanned Drilling Time Log
GET FILE	Handwritten Scout Ticket

Permit Date: 5/17/1954 **Permit #:** 1259 **Reference #:** 12389

COMPANY	Superior Oil Company	
FARM	Fitton, E. M.	NO. A-31
DATE DRILLED	June 6, 1954	COUNTY NO. 03207
AUTHORITY	Company	
ELEVATION	369' GL -	
LOCATION	330'S line, 330'E line of NW NE	
COUNTY	White	API# 1219303207 01 29-4S-14W

ILLINOIS STATE GEOLOGICAL SURVEY

Page 8

WATER INJECTION CONVERSION

Total Depth: 3834

Plugged Back Total Depth: 2896

Date Drilling Began: 2/8/1960

Casing 10 3/4" - 149' , cemented with 150 sacks

7" - 2912' , cemented with 200 sacks

Tubing 2" - 2839' , set with tension packer

Perforated: 2854' - 2884' , 60 shots

Completed as a water input well, injecting into the Aux Vases (2854'-2884').

[Imaged Log viewing help: New users please read this.](#)

[GET FILE](#)

Scanned Documents

[GET FILE](#)

Handwritten Scout Ticket

Permit Date:	3/16/1960	Permit #:	686	Reference #:	12389
---------------------	-----------	------------------	-----	---------------------	-------

COMPANY	Superior Oil Company
----------------	----------------------

FARM	Fitton, E. M. "A"
-------------	-------------------

NO. 31

DATE DRILLED	March 14, 1960
---------------------	----------------

COUNTY NO. 03207

AUTHORITY	Company
------------------	---------

ELEVATION	369' GL -
------------------	-----------

LOCATION	330'S line, 330'E line of NW NE
-----------------	---------------------------------

COUNTY	White
---------------	-------

API# 1219303207 02

29-4S-14W

Imaged Log viewing help: [New users please read this.](#)

[GET FILE](#)

Scanned Documents

Permit Date:	8/9/1989	Permit #:	43222	Reference #:	12389
COMPANY	Conyers Oil Well Service				
FARM	Fitton	NO.	A-31		
DATE DRILLED		COUNTY NO.	03207		
AUTHORITY					
ELEVATION	369' GL -				
LOCATION	330'S line, 330'E line of NW NE				
COUNTY	White	API#	1219303207 03	29-4S-14W	