

ILLINOIS STATE GEOLOGICAL SURVEY

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ELECTRIC LOG TOPS from Company

	<u>Top</u>	<u>Bottom</u>
Barlow	2402	
Cypress Middle, no show of oil	2500	
Aux Vases, show of oil from 2692' and 2706' - 2712'; slight show from 2718' - 2722', 2726' - 2730', 2742' - 2746'	2692	
Ste Genevieve, slight show of oil	2748	
McClosky, slight show of oil from 2768' - 2857'; very slight show of oil from 2886' - 2896'	2768	2896
St Louis, very slight show of oil from 2954' - 2964'; no show of oil from 3012' - 3014' and 3099' - 3101'	2954	
Salem	3186	
Salem Middle, slight show of oil from 3298' - 3302', 3303' - 3305' and 3306' - 3310'	3297	

Total Depth: 3454

Plugged Back Total Depth: 3408

Date Drilling Began: 12/13/1986

Casing 8 5/8" - 258' , cemented with 350 sacks
5 1/2" - 3454' , cemented with 550 sacks

Perforated: 3298' - 3306', 16 shots

Acidized: 3298' - 3306', 750 gallons 15% MCA and additives diverting with 15 B. S.

I.P. 40 bbls. of oil, 158 bbls. of water per day, pumping from the Salem (3298' - 3306')

Compensated Densilog Neutron Gamma Ray Minilog filed.

Dual Induction Focused Gamma Ray Log filed.

Sample set # 66211 2390' - 3450' Received: 9/15/1987

Permit Date: 11/26/1986 **Permit #:** 39421 **Reference #:** 141466

COMPANY	Union Oil Company of California	
FARM	Rotramel, W. S.	NO. 6
DATE DRILLED	December 24, 1986	COUNTY NO. 24595
AUTHORITY	Company	
ELEVATION	470' GL - Permit	
LOCATION	980'N line, 910'E line of SE SE	
COUNTY	Jasper	API# 1207924595 00 8-5N-10E

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GET FILE	Density Log
GET FILE	Induction Electric Log
GET FILE	Scanned Documents
GET FILE	Scout Check Ticket

Permit Date:	11/26/1986	Permit #:	39421	Reference #:	141466
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COMPANY	Union Oil Company of California	
FARM	Rotramel, W. S.	NO. 6
DATE DRILLED	December 24, 1986	COUNTY NO. 24595
AUTHORITY	Company	
ELEVATION	470' GL - Permit	
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COUNTY	Jasper	API# 1207924595 00 8-5N-10E

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UNPERMITTED RE-COMPLETION

Total Depth: 3454

Plugged Back Total Depth: 3408

Date Drilling Began: 5/19/1989

Casing 8 5/8" - 258' , cemented with 350 sacks
5 1/2" - 3454' , cemented with 550 sacks

Perforated: 2705' - 2713' , 16 shots

2718' - 2722' , 8 shots

2768' - 2770' , 4 shots

2773' - 2782' , 18 shots

2787' - 2789' , 4 shots

2792' - 2796' , 8 shots

2850' - 2858' , 16 shots

2886' - 2889' , 6 shots

2895' - 2899' , 8 shots

Acidized: 2472' - 2722' , 250 gallons 7.5% HCl acid

2546' - 2796' , 250 gallons 15% HCl acid

2649' - 2899' , 250 gallons 15% HCl acid

2705' - 2722' , 500 gallons 15% HCl acid

2768' - 2796' , 650 gallons 15% HCl acid

2850' - 2899' , 750 gallons 15% HCl acid

Fractured: 2705' - 2722' , 10,000 gallons 40# Versagel with 18,000 lbs. sand

2768' - 2899' , 12,000 gallons 40# XL gel with 15,000 lbs. 20/40 sand

I.P. 34 bbls. of oil, 108 bbls. of water per day, from the McClosky (2768'-2899'), Salem (3298'-3306'), Aux Vases (2705'-2722')

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Scanned Documents

Permit Date:	Permit #: 39421	Reference #: 141466
COMPANY	Union Oil Company of California	
FARM	Rotramel, W. S.	NO. 6
DATE DRILLED	May 27, 1989	COUNTY NO. 24595
AUTHORITY	Company	
ELEVATION	470' GL - Permit	
LOCATION	980'N line, 910'E line of SE SE	
COUNTY	Jasper	API# 1207924595 01 8-5N-10E

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WATER INJECTION CONVERSION

Total Depth: 3454

Plugged Back Total Depth: 2744

Date Drilling Began: 12/16/2003

Casing 8 5/8" - 258' , cemented with 350 sacks

5 1/2" - 3434' , cemented with 550 sacks

Tubing 2 3/8" - 2676' , set with AD-1 packer

Perforated: 2705' - 2722' , existing perforations

Completed as a water input well, injecting into the Aux Vases (2705'-2722').

Permit Date:	9/9/2003	Permit #:	202498	Reference #:	141466
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COMPANY	Elysium Energy, L.L.C.
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FARM	Rotramel, W. S.
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NO. 6

DATE DRILLED	December 16, 2003
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COUNTY NO. 24595

AUTHORITY	Company
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ELEVATION	470' GL - Permit
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LOCATION	980'N line, 910'E line of SE SE
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COUNTY	Jasper
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API# 1207924595 02

8-5N-10E

Permit Date:	7/31/2018	Permit #:	65650	Reference #:	141466
COMPANY	Citation Oil & Gas Corp.				
FARM	Rotramel, W. S.			NO. 6	
DATE DRILLED				COUNTY NO. 24595	
AUTHORITY					
ELEVATION	470' GL - Permit				
LOCATION	980'N line, 910'E line of SE SE				
COUNTY	Jasper	API#	1207924595 03	8-5N-10E	