

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR CASSCO ASPHALT CO INC. DRILL DIV. DATE 8/27/81

7200 East 130th Grandview, Mo 64030

Address

City

State

DESCRIPTION OF WELL AND LEASE

Name of lease <u>Gene &amp; Analeta Rogers</u>	Well number <u>#3</u>	Elevation (ground) <u>958</u>
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WELL LOCATION (give footage from section lines)  
1822 ft. from (N) (S) sec. line 2228 ft. from (E) (W) sec. line

WELL LOCATION Section 19 Township 45 Range 32 County Cass

Nearest distance from proposed location to property or lease line: 165 feet  
Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: 651 ft west & 435 Ft North of well no. 1 feet

Proposed depth: 800 Rotary or Cable tools: Rotary Approx. date work will start: 9/1/81

Number of acres in lease: 130 Number of wells on lease, including this well, completed in or drilling to this reservoir: 3  
Number of abandoned wells on lease: none

If lease, purchased with one or more wells drilled, from whom purchased: Name \_\_\_\_\_ No. of Wells: producing \_\_\_\_\_ inactive \_\_\_\_\_ abandoned \_\_\_\_\_  
Address \_\_\_\_\_

Status of Bond  
Single Well  Amt. \_\_\_\_\_ Blanket Bond  Amt. \$ 20,000  ON FILE  ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:				Approved casing -- To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>20</u>	<u>6</u>	<u>18.97</u>	<u>sur to base</u>	_____	_____	_____	_____
<u>800</u>	<u>2</u>	<u>3.65</u>	<u>sur to td</u>	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

I, the undersigned, state that I am the President of the Cassco Asphalt Co Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.  
Signature: J. J. Mantony

Permit Number 20212

Approval Date: 9/13/81

Approved By: William B. Dineen

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council  
P.O. Box 250 Rolla, Mo. 65401

One will be returned for driller's signature

SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @:  
\_\_\_\_\_  
\_\_\_\_\_

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MO. OIL & GAS COUNCIL

Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease ROGERS LEASE Date 10/1/82

Well No. #3 is located \_\_\_\_\_ feet from (N) (S) section line and \_\_\_\_\_

feet from (E) (W) section line of Section 19, Township 45N, Range 32W

Cass County County. The elevation of the ground at well site is 950

feet above sea level. Permit number (OGC-3 or OGC-3I number) #20212

Name and address of Contractor or Company which will do work is:

CASSCO ASPHALT CO DRILL DIV  
7200 E. 130th  
Grandview, Mo 64030

Details of Work

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

Well is only 300 ft deep. cased with 2 inch pipe, and the one inch is to be removed. will undercut the casing approx two ft, and fill to top with concrete slurry, and finish grade surrounding area to obliterate the pit and drilling activities. As per accepted practices of well abandonment.

Well has never produced, has one zone at 110 ft of heavy oil, is to be considered a dry hole, and in filling to total depth never to be opened.

log and samples previously delivered to your office.

There are no fresh water wells in this area of Cass County, all water is either hauled or is supplied by water township.

CERTIFICATE: I, the undersigned, state that I am the President of the CassCo Asphalt Co. Inc (company), and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to the best of my knowledge.

Signature

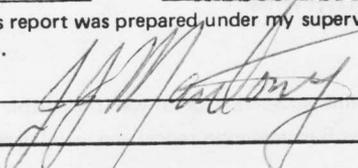
*J. J. Mantony*  
J. J. Mantony

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OCT 04 1982

Remit two copies to: Missouri Oil and Gas Council  
P.O. Box 250, Rolla, MO 65401  
One will be returned.

PLUGGING RECORD

Owner <b>CassCo Asphalt Co INC.</b>		Address <b>7200 East 130 th Grandview, Mo 64030</b>			
Name of Lease <b>Rogers Lease #3</b>		Well No. <b>3</b>	Permit Number (OGC-3 or OGC-3I number)		
Location of Well		Sec-Twp-Rng or Block & Survey		County	
<b>Near Peculiar Sec 19 Twp 45N Range 32W</b>				<b>CASS</b>	
Application to drill this well was filed in name of		Has this well ever produced oil or gas?	Character of well at completion (initial production)		Dry?
<b>CASSCO Asphalt Co Inc</b>		<b>No</b>	Oil (bbls/day) <b>0</b>	Gas (MCF/day) <b>0</b>	<b>X</b>
Date Abandoned	Total depth	Amount well producing prior to abandonment		Water (bbls/day)	
<b>Nov 19th 1982</b>	<b>345</b>	Oil (bbls/day) <b>0</b>	Gas (MCF/day) <b>0</b>	<b>0</b>	
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.	Fluid content of each formation	Depth interval of each formation		Size, kind, & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.	
	<b>None</b>	<b>N/A</b>			
<b>Attached find Oil Field Research Report with depth and description</b>					
<b>Well was filled with <sup>cement</sup> concrete slurry pumped thru <del>w</del> one inch pipe to total depth</b>					
Size pipe	Put in well (ft)	Pulled out (ft)	Left in well (ft)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
<b>2 "</b>	<b>340'</b>	<b>0</b>	<b>336</b>		<b>Float shoe on bottom</b>
Was well filled with mud-laden fluid?		Indicate deepest formation containing fresh water.			
<b>No</b>		<b>None</b>			
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
<b>None</b>					
<b>RECEIVED</b>					
Method of disposal of mud pit contents:		<b>Fresh water only used to drill well</b>			<b>JAN 26 1983</b>
Use reverse side for additional detail.					
File this form in duplicate with					
CERTIFICATE: I, the undersigned, state that I am the <b>President</b> of the <b>CASSCO ASPHALT CO INC</b> (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.					
Signature 					

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One will be returned.

3/12/82

**DETAIL OF FORMATIONS PENETRATED**

Formation	Top	Bottom	Description (See * below)
Knobtown	108	113	Brown and light grey sandstone
Wayside	314	318 323	<p>Light grey and shaly sandstone</p> <p>After Oil research lab report well was perforated at 92' to 106'</p> <p>Fractured and a pump jack set on well, only fracture water returned, assume that lack of hydr. pressure and impermeable formation would not give up oil.</p>

\*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**INSTRUCTIONS:**

Attach drillers log or other acceptable log of well if available

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

OILFIELD RESEARCH LABORATORIES

LOG

Name Cassco Asphalt Co., Drilling Division Lease Rogers Well No. 3

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
110.0 - 111.0	Brown slightly calcareous sandstone.
111.0 - 112.0	Grayish very light brown shaly sandstone.
112.0 - 112.8	Light brown slightly calcareous sandstone.
112.8 - 314.0	No core.
314.0 - 314.3	Light gray sandy shale.
314.3 - 314.5	Dark brown slightly calcareous sandstone.
314.5 - 315.0	Light brown sandstone.
315.0 - 316.3	Light grayish brown shaly sandstone.
316.3 - 317.6	Light gray calcareous very shaly sandstone.
317.6 - 318.7	Gray very shaly sandstone.
318.7 - 319.8	Light gray slightly sandy shale.
319.8 - 323.3	Gray shale.

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JAN 26 1983

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**Oilfield Research Laboratories**

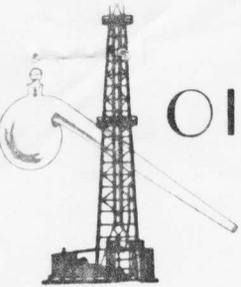
**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Cassco Asphalt Co. Lease Rogers Well No. 3  
 Drilling Division

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	110.4	22.1	41	23	64	703	54.
2	111.4	20.9	9	63	72	146	4.1
3	112.4	19.9	36	13	49	556	30.
4	314.6	20.9	7	71	78	114	203.
5	315.6	19.7	11	68	79	168	3.4
6	316.5	11.6	12	77	89	108	1.2
7	317.5	10.3	11	86	97	88	0.52
8	318.6	16.8	18	73	91	235	1.2

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# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

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OCT 26 1981

September 25, 1981

MO. OIL & GAS COUNCIL

Cassco Asphalt Company  
Drilling Division  
7200 E. 130th Street  
Grandview, Missouri 64030

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Rogers Lease, Well No. 3, located in Cass County, Missouri.

The core was sampled and wrapped in aluminum foil by a representative of the client and was submitted to our laboratory on September 21, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Grandview, Missouri

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

Permit #: 20212

Date Issued: 9-3-81

County: Cass

Date Cancelled:

CONFIDENTIAL UNTIL:

Date Plugged: 11-19-82

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	
3i	9-3-81
4	
4i	
5	
6	10-4-82
7	1-26-83
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water core		
Analyses			
			10-26-81

Additional Submitted Data: