

Permit #: 20002

County: Clark

CONFIDENTIAL UNTIL: _____

Date Issued: 2-29-80

Date Cancelled: _____

Date Plugged: 11-3-80

COMMENTS:

shipped 10-22-81

OGC FORMS	Date Received
1	
2	
3	<u>2-25-80</u>
3i	
4	
4i	<u>2-25-80</u>
5	
6	<u>2-10-80</u>
7	<u>11-3-80</u>
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR WOLVERINE INVESTMENT COMPANY DATE _____
102 S. ARLINGTON HEIGHTS ROAD ARLINGTON HEIGHTS ILLINOIS
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease WOOD Well number MITCHELL #1 Elevation (ground) 680

WELL LOCATION 2905 (give footage from section lines)
1240 ft. from (N) (S) sec. line 2570 ft. from (E) (W) sec. line

WELL LOCATION Section 11 Township 65 Range 7 County Clark

Nearest distance from proposed location to property or lease line: 265 feet
 Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: _____ feet

Proposed depth: 1100 ft Rotary or Cable tools AIR Rotary Approx. date work will start 2-18-1980

Number of acres in lease: 320 Number of wells on lease, including this well, completed in or drilling to this reservoir: 1
 Number of abandoned wells on lease: 0

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____
 No. of Wells: producing 0 inactive 0 abandoned 0

Status of Bond Single Well Amt. \$3,000 Blanket Bond Amt. _____
 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>150</u>	<u>8"</u>	<u>19#</u>	<u>SHOC</u>	_____	_____	_____	_____
<u>630</u>	<u>6"</u>	<u>13#</u>	<u>SHOC</u>	_____	_____	_____	_____
<u>850'</u>	<u>4"</u>	<u>9#</u>	<u>sidewall packer, SHOC</u>	_____	_____	_____	_____

I, the undersigned, state that I am the _____ of the _____ (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 William J Moore, President

Permit Number: 20002
 Approval Date: 29 Feb 1980
 Approved By: Wallace B. Ham

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED
 FEB 29 1980
 WATER SAMPLES REQUIRED @ MO. OIL & GAS COUNCIL

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.

FEB 25 1980
 MO. OIL & GAS COUNCIL

**MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD**

Form OGC-7

Owner **PAUL F. & WAVERLEY A. WOOD** Address **KAHOKA, MI_SOURI**

Name of Lease **WOOD** Well No. **1**

Location of Well **2905 feet from south line; 1010 feet from west line** Sec-Twp-Rge or Block & Survey **11-65-7** County **Clark**

Application to drill this well was filed in name of **WOLVERINE INVESTMENT CO.** Has this well ever produced oil or gas **NO** Character of well at completion (initial production) Oil (bbls/day) **-0-** Gas (MCF/day) **-0-** Dry? **-0-**

Date Abandoned: Total depth Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day) Water (bbls./day)

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.
NONE	NONE	See X-Section	Cement - top to bottom

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
8" 19#	120 ft.		120feet	--	Shoe
6" 13#	630 ft.	630 ft.	-0-	--	---
4" 9 #	850 ft.	850 ft.	-0-	--	---

Was well filled with mud-laden fluid? **NO** Indicate deepest formation containing fresh water. **1002 feet**

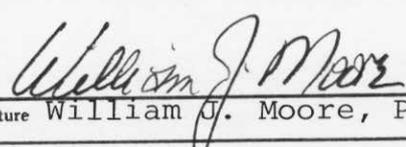
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
No other well drilling sites in this vicinity		

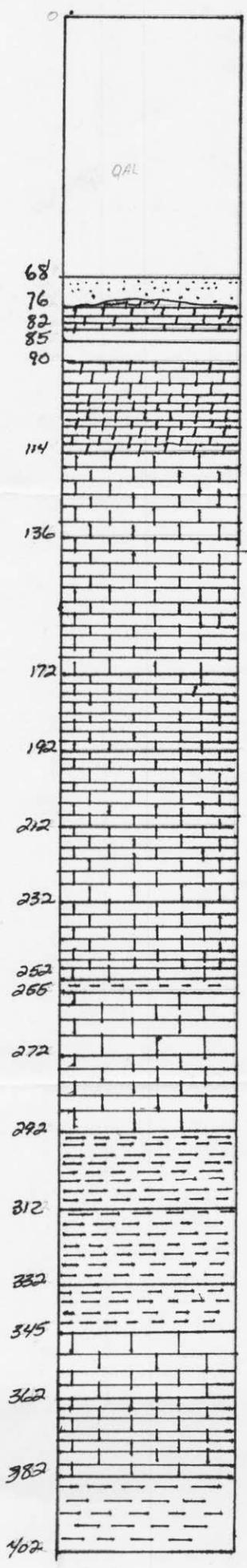
Method of disposal of mud pit contents: **NONE**

Use reverse side for additional detail
File this form in duplicate with

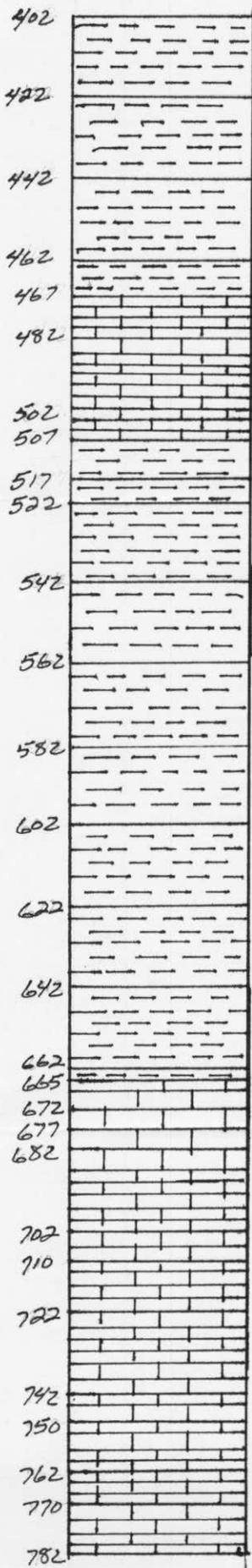
CERTIFICATE: I, the undersigned, state that I am the **President** of the **Wolverine Investment** Company that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

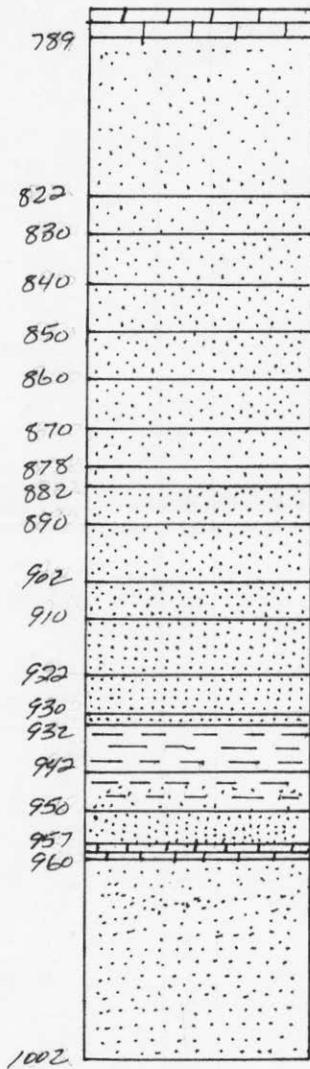

 Signature **William J. Moore, President**

1" = 400'



JUL 10 1980
MO. OIL & GAS COUNCIL





JUL 10 1980

MO. OIL & GAS COUNCIL

DESCRIPTION

0 - 68	Alluvial deposits
68 - 82	Limestone buff sandy
82 - 90	Clay blue, buff to tan
90 - 252	Limestone, grey massive to crystalline
252 - 255	Shale, light grey
255 - 292	Limestone, light grey (Oil traces in drill foam)
292 - 345	Shale, light grey
345 - 382	Limestone, dark grey with blue green shale
382 - 467	Shale, dark grey
467 - 507	Limestone, buff to light grey CaCo ₃ crystal
507 - 665	Shale, dark grey, blue, black to grey
665 - 789	Limestone, grey fossiliferous, sandy grades grey-white
789 - 932	Sandstone, fine grain grades from brown
932 - 957	Sandstone, buff
957 - 960	Limestone, buff
960 - 1002	Sandstone, buff fine grain

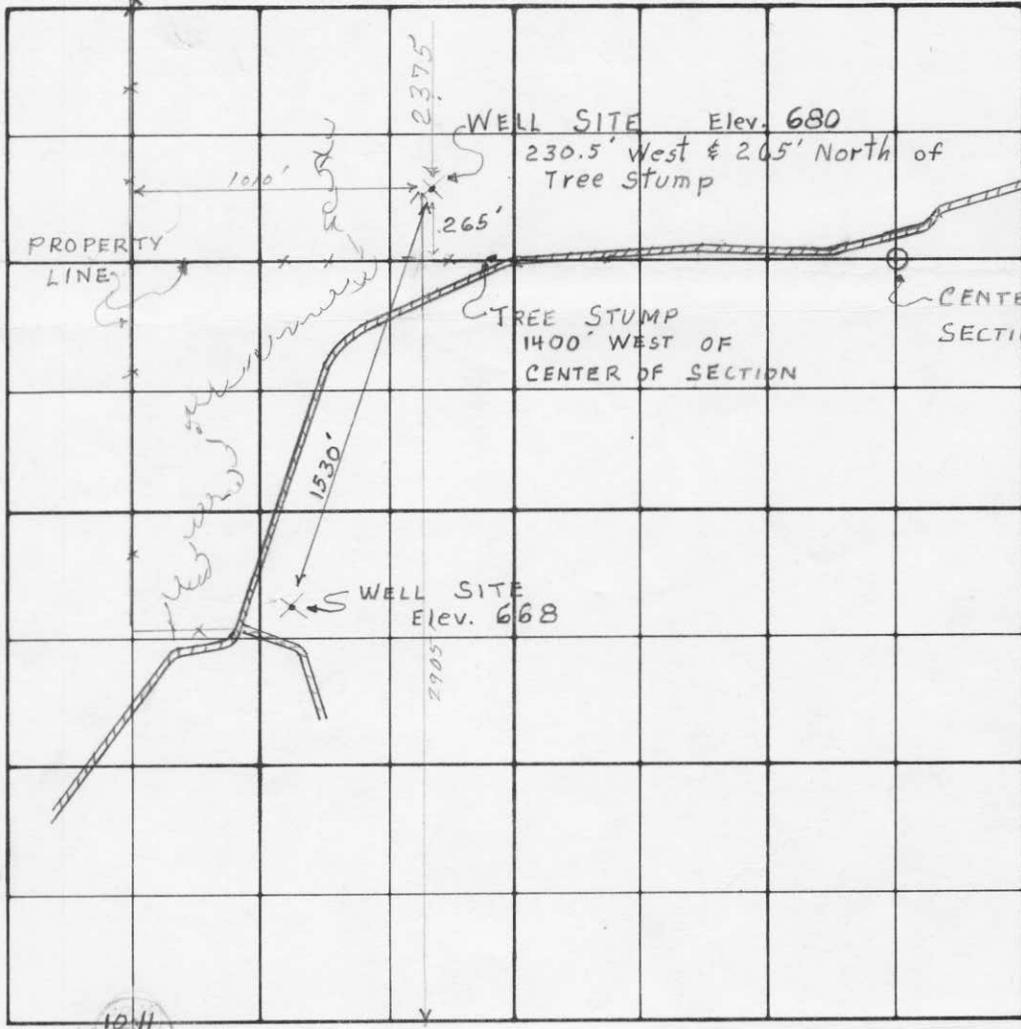
JUL 09 1980
JUL 10 1980
MO. OIL & GAS COUNCIL
MO. OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: _____

Lease Name: Wolverine Investment Co. County, Clark

Minerals & Exploration Division
2375 feet from (N) line and 1010 feet from (W) line of Sec. 11 Twp. 65 Range 7



SCALE
1" = 1000'
660'

REMARKS: Upper site was located on land from 14" Tree stump on North side of road at field entrance
Tree stump location from 1969 Aerial Photo.
Elevation from topography map.

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

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

Chriswell Lentz
Registered Land Surveyor

FEB 29 1980

MO. OIL & GAS COUNCIL
(SEAL)

FEB 25 1980

MO. OIL & GAS COUNCIL

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease WOOD Date 5/13/80
 Well No. MITCHELL #1 is located 2905' feet from (N) (S) line and 1010'
 feet from (E) (W) line of Section 11 Township 65 Range 7
CLARK County The elevation of the ground at well site is 680'
 _____ feet above sea level.

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

MARTIN JURS & SON
Box 475 BARRINGTON, ILL. 60010

DETAILS OF WORK

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

Cement plug from top to bottom @ 1002'

CERTIFICATE: I, the undersigned, state that I am the V.P. of the Above (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.

James Hutchings
 Signature

Remit two copies; one will be returned

JUL 10 1980
 MO. OIL & GAS COUNCIL

Mr. Wells:

Please send permit to Frances Mitchell
Duer Hotel
169 W. Commercial
Kahoka, Missouri 63445

20002

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR WOLVERINE INVESTMENT COMPANY DATE _____
102 So. ARLINGTON HEIGHTS ROAD ARLINGTON HEIGHTS ILLINOIS
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Wood</u>	Well number <u>MITCHELL # 1</u>	Elevation (ground) <u>680</u>	
WELL LOCATION (give footage from section lines) <u>1240</u> ft. from (N) (S) sec. line <u>2570</u> ft. from (E) (W) sec. line			
WELL LOCATION Section <u>11</u> Township <u>6S</u> Range <u>7</u>			County <u>Clark</u>
Nearest distance from proposed location to property or lease line: <u>265</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: _____ feet	
Proposed depth: <u>1100 ft</u>	Rotary or Cable tools <u>AIR Rotary</u>	Approx. date work will start <u>Feb - 18 - 1980</u>	
Number of acres in lease: <u>3.20</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>1</u> Number of abandoned wells on lease: <u>0</u>		
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing <u>0</u> inactive <u>0</u> abandoned <u>0</u>	
Status of Bond Single Well <input checked="" type="checkbox"/> Amt. <u>\$3,000</u>		Blanket Bond <input type="checkbox"/> Amt. _____ <input type="checkbox"/> ON FILE <input checked="" type="checkbox"/> 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.			
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amt.	size	wt./ft.	cem.
<u>150</u>	<u>8"</u>	<u>19#</u>	<u>SHDC</u>
<u>630</u>	<u>6"</u>	<u>13#</u>	<u>SHDC</u>
<u>850'</u>	<u>4"</u>	<u>9#</u>	<u>sidewall PACKER, SHDC</u>
I, the undersigned, state that I am the _____ of the _____ (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 <u>William J Moore, President</u>	

Permit Number: _____
 Approval Date: Feb 18 1980
 Approved By: _____

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

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

WATER SAMPLES REQUIRED @: _____

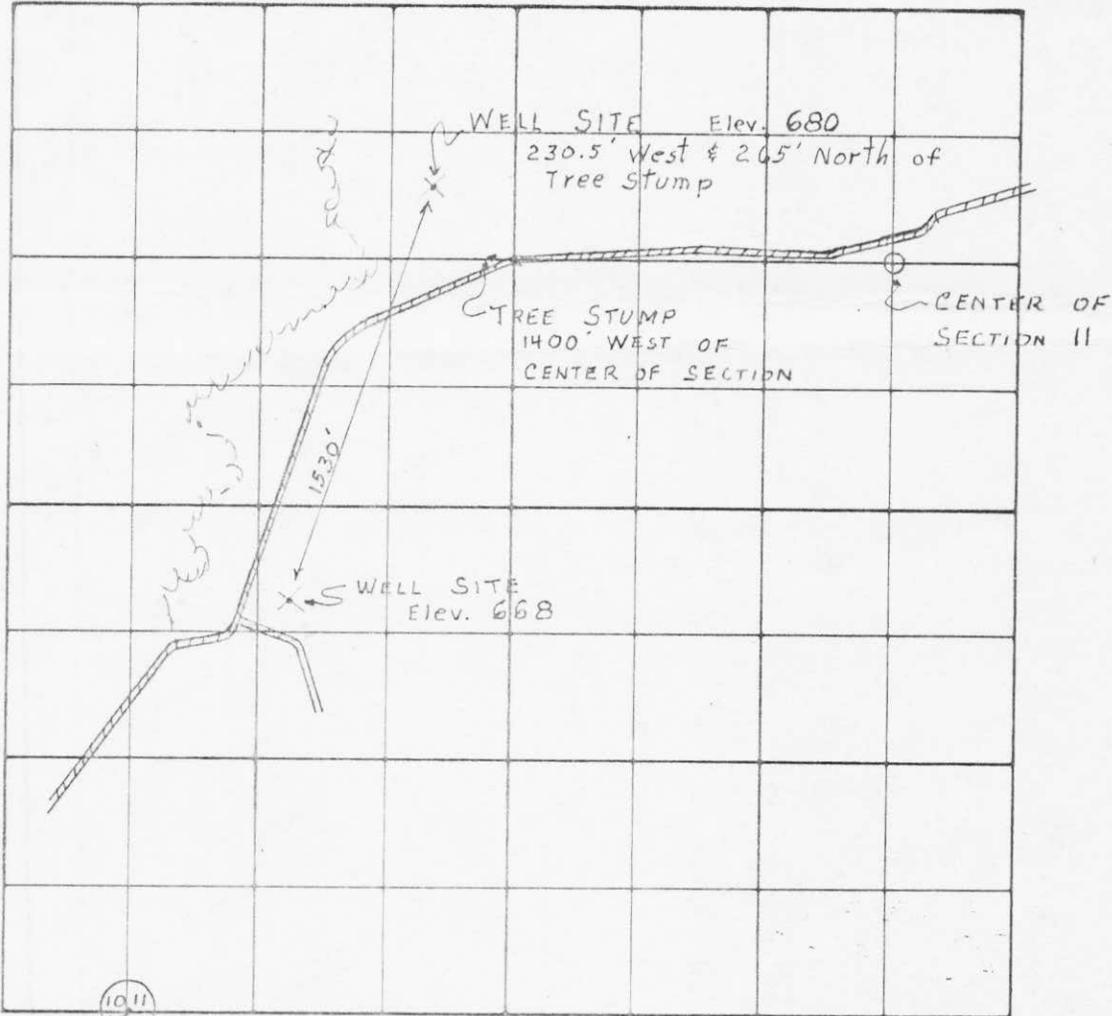
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FEB 25 1980

WELL LOCATION PLAT

Owner: _____

Lease Name: Wolverine Investment Co. County, Clark
Minerals & Exploration Division
 feet from (N) (S) line and feet from (E) (W) line of Sec. 11 Twp. 65 Range 7



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(SEAL)

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Chriswell Lentz

Registered Land Surveyor

FEB 25 1980

MO. OIL & GAS COUNCIL

Clark 20002

30 MAY -

teleph. Wm. Moore Chicago + Wolverine
Iron Co

re progress of well

said well was cemented for 70

to surface - send in letter

documents supporting statement

also sendy geol. log.