

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR CITY OF HARRISONVILLE DATE JAN. 9, 1974  
P. O. Box 367 Harrisonville Missouri 64701  
 Address City State

DESCRIPTION OF WELL AND LEASE							
Name of lease <u>CITY OF HARRISONVILLE</u>	Well number <u>H-1</u>	Elevation (ground) <u>950</u>					
WELL LOCATION (give footage from section lines) <u>1580</u> ft. from (N) <input checked="" type="radio"/> sec. line <u>582</u> ft. from (E) <input checked="" type="radio"/> sec. line							
WELL LOCATION Section <u>35</u> Township <u>45</u> Range <u>31</u>			County <u>Cass</u>				
Nearest distance from proposed location to property or lease line: <u>257</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>None</u> feet					
Proposed depth: <u>600</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>February 1, 1974</u>					
Number of acres in lease: <u>40 acres</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>none</u>					
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____		No. of Wells: producing _____ inactive _____ abandoned _____					
Status of Bond Single Well <input checked="" type="checkbox"/> Amt. <u>1,000</u> Blanket Bond <input type="checkbox"/> Amt. _____ <div style="text-align: right;"><input checked="" type="checkbox"/> ON FILE <input checked="" type="checkbox"/> ATTACHED</div>							
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>50'</u>	<u>8 5/8</u>	<u>.188</u>	<u>50'</u>	_____	_____	_____	_____
<u>600'</u>	<u>2 5/8</u>	<u>.188</u>	<u>100'</u>	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
I, the undersigned, state that I am the <u>Mayor</u> of the <u>City of Harrisonville</u> (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>McRaine</u>							

Permit Number: 20014  
 Approval Date: 22 January 74  
 Approved By: Wallace B. Jones

SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED

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.

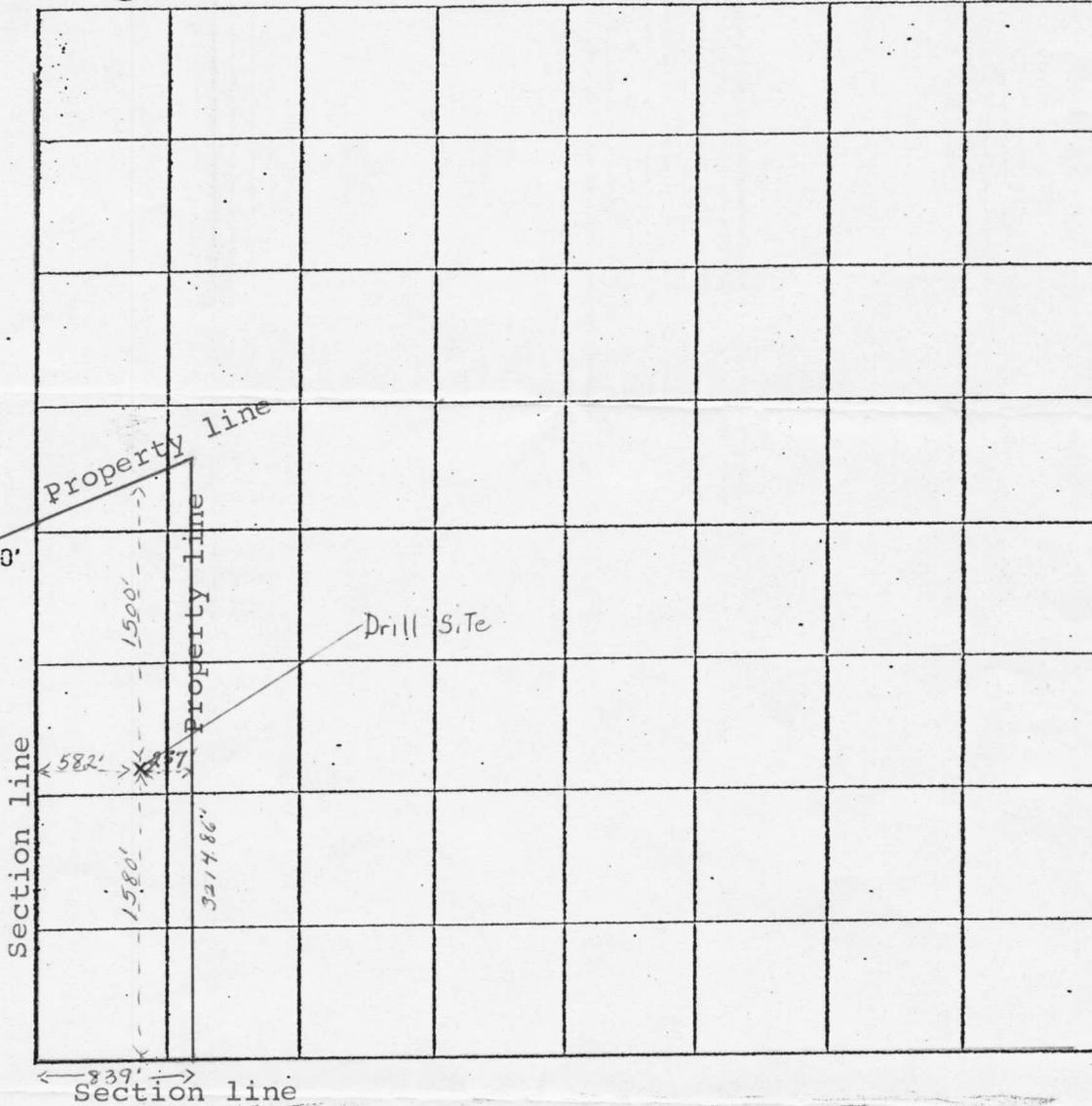
RECEIVED WATER SAMPLES REQUIRED @:  
JAN 21 1974  
 OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: CITY OF HARRISONVILLE

Lease Name: CITY OF HARRISONVILLE, MISSOURI County, CASS

1580 feet from (N) - (S) line and 582 feet from (E) - (W) line of Sec. 35 Twp. 45 Range 31



REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 Property line designated by red line  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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.

(SEAL)

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

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JAN 21 1974

OIL & GAS COUNCIL

\_\_\_\_\_  
 Registered Land Surveyor

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

Owner **City of Harrisonville** Address **Box 367 Harrisonville, Missouri**

Lease Name **Harrisonville** Well Number **1**

Location: **1580' from S. sec. line - 582' from W. sec. line** Sec. — TWP-Range or Block & Survey **35 - 45N - 31W**

County **Cass** Permit number (OGC3 number) **20014**

Date spudded **3-4-74** Date total depth reached **3-5-74** Date completed, ready to produce ----- Elevation (DF, RKB, RT or Gr.) **930 ft** Elevation of casing hd. flange ----- feet

Total depth **578 ft.** P. B. T. D. -----

Producing interval (s) for this completion **NONE** Rotary tools used (interval) From ----- to ----- Cable tools used (interval) From ----- to ----- Drilling Fluid used -----

Was this well directionally drilled? ----- Was directional survey made? ----- Was copy of directional survey filed? ----- Date filed -----

Type of electrical or other logs run (list logs filed with the State Geologist) **NONE** Date filed -----

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
			<b>NONE</b>			

TUBING RECORD

LINER RECORD

Size ----- in.	Depth set ----- ft.	Packer set at ----- ft.	Size ----- in.	Top ----- ft.	Bottom ----- ft.	Sacks cement -----	Screen (ft.) -----

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
	<b>NONE</b>			<b>NONE</b>

INITIAL PRODUCTION

Date of first production ----- Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) -----

Date of test -----	Hrs. tested -----	Choke size -----	Oil prod. during test ----- bbls.	Gas prod. during test ----- MCF	Water prod. during test ----- bbls.	Oil gravity ----- API (Corr)

Disposition of gas (state whether vented, used for fuel or sold): -----

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

CERTIFICATE: I, the undersigned, state that I am the **Geologist** of the **Cullum & Brown, 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.

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MAR 12 1974

MO. OIL & GAS COUNCIL

*[Handwritten Signature]*  
Signature

Remit two copies: one will be returned.

MISSOURI OIL AND GAS COUNCIL  
PLUGGING RECORD

Form OGC-7

Owner **City of Harrisonville** Address **300 E. Pearl - Box 367  
Harrisonville, Missouri**

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

Location of Well **1580' from S line - 582' from W line** Sec-Twp-Rge or Block & Survey **35 - 45N - 31 W** County **Cass**

Application to drill this well was filed in name of **City of Harrisonville** Has this well ever produced oil or gas **no** Character of well at completion (initial production) Oil (bbls/day) Gas (MCF/day) Dry? **X**

Date Abandoned: **March 5, 1974** Total depth **578 ft.** Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day) Water (bbls./day) **3 GPM**

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.
Wayside	Trace oil	100-115	hole filled from 578 to surface with grout.
Warrensburg/Peru	Oil show	163-180	
Squirrel	Trace water	307-314	
Bartlesville	Water - 1 GPM	353-356	
Burgess	Water - 2 GPM	560-576	

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
	NONE	-----	-----	-----	NONE

Was well filled with mud-laden fluid? **NONE** Indicate deepest formation containing fresh water.

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

Name	Address	Direction from this well:

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 **Geologist** of the **Cullum & Brown, 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.

**RECEIVED**

**MAR 12 1974**

*[Handwritten Signature]*  
Signature

MO. OIL & GAS COUNCIL

# WATER WELL RECORD

White: Driller's copy  
 Blue: Mail to Missouri Geological Survey  
 Pink: For well owner

## DRILLERS LOG OF WELL

Kind of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
Clay	0	3
Shale	3	12
Lime, broken	12	16
Shale	16	60
Shale, sandy	60	75
Shale	75	100
Shale, sandy, oil show	100	115
Shale	115	163
Shale, sandy, oil show	163	180
Shale	180	207
Lime	207	220
Shale	220	231
Lime	231	236
Shale	236	239
Slate, black	239	240
Shale	240	243
Lime	243	257
Shale	257	258
Lime	259	260
Shale	260	264
Lime	264	268
Shale	268	278
Lime	278	281
Shale	281	285
Shale, sandy	285	298

## IMPORTANT DATA

Location of Well \_\_\_\_\_ County Cass  
 (Show location in Section Plat)


\_\_\_\_\_  $\frac{1}{4}$  \_\_\_\_\_  $\frac{1}{4}$  Sec. 35  
 T 45 N, R. 31 ~~xx~~ W  
 Total depth 578' Elev. \_\_\_\_\_

Well Owner City of Harrisonville  
 Address Harrisonville, Missouri  
 Mileage and direction from nearest town or highway \_\_\_\_\_  
 Drilling Contractor Cullum & Brown, Inc.  
 Address North Kansas City, Missouri  
 Date Drilled March 5, 1974  
 Method of Drilling rotary  
(Cable tool, rotary, reverse rotary, etc.)  
 Casing Schedule None  
(Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)  
 Screen Data (if any): None  
(Length, Diameter, Slot Size, Setting)  
 Measured depth to water on completed well (Static Level)  
 is \_\_\_\_\_ ft. below \_\_\_\_\_  
(Land Surface, Top of Casing Etc.)  
 Tested Yield \_\_\_\_\_ gallons per \_\_\_\_\_  
(Min., Hour)  
 as determined by \_\_\_\_\_  
(Bailing, Test Pumping, Etc.)  
 Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hrs.  
 pumping at \_\_\_\_\_ gal. per minute  
 Remarks \_\_\_\_\_

RECEIVED  
 MAR 12 1974  
 MO. OIL & GAS COUNCIL

# WATER WELL RECORD

White: Driller's copy

Blue: Mail to Missouri Geological Survey

Pink: For well owner

## DRILLERS LOG OF WELL

Kind of rock, color, hard, or soft etc.	From (ft.)	To (ft.)
(continued)		
Slate, black	298	300
Shale	300	305
Shale, sandy	305	307
Sand	307	314
Shale	314	329
Lime	329	330
Shale	330	339
Lime	339	340
Shale, sandy	340	353
Sand	353	366
Lime	366	367
Shale	367	371
Lime	371	374
Shale	374	377
Lime	377	379
Shale	379	400
Shale, sandy	400	415
Shale	415	450
Slate, black	450	452
Lime	452	453
Shale	453	470
Shale, sandy	470	510
Shale	510	560
Shale, sandy	560	576
Lime	576	578

## IMPORTANT DATA

Location of Well \_\_\_\_\_ County Cass  
 (Show location in Section Plat)


\_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 Sec. 35

T. 45 N, R. 31 E  
W

Total depth 578' Elev. \_\_\_\_\_

Well Owner City of Harrisonville

Address Harrisonville, Missouri

Mileage and direction from nearest town or highway \_\_\_\_\_

Drilling Contractor Cullum & Brown, Inc.

Address North Kansas City, Missouri

Date Drilled March 5, 1974

Method of Drilling rotary  
 (Cable tool, rotary, reverse rotary, etc.)

Casing Schedule None  
 (Amount, Size, Setting - New, Used - Steel, Galv., - Gage or Weight)

Screen Data (if any): None  
 (Length, Diameter, Slot Size, Setting)

Measured depth to water on completed well (Static Level)  
 is \_\_\_\_\_ ft. below \_\_\_\_\_  
 (Land Surface, Top of Casing Etc.)

Tested Yield \_\_\_\_\_ gallons per \_\_\_\_\_  
 (Min., Hour)

as determined by \_\_\_\_\_  
 (Bailing, Test Pumping, Etc.)

Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hrs.

pumping at \_\_\_\_\_ gal. per minute

Remarks Plugged and abandoned.

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 MISSOURI OIL & GAS COUNCIL

Permit #: 20014

Date Issued: 1-22-74

County: \_\_\_\_\_

Date Cancelled: \_\_\_\_\_

CONFIDENTIAL UNTIL: \_\_\_\_\_

Date Plugged: 3-5-74

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	1-21-74
3i	
4	1-21-74
4i	
5	3-12-74
6	
7	3-12-74
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data:

Additional Submitted Data:			
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