

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

for an oil well or gas well

NAME OF COMPANY OR OPERATOR DREXEL R-IV School DATE June 9, 1983
Box 397 DREXEL MO 64742
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease DREXEL Public School Well number 1 Elevation (ground) 975

WELL LOCATION (give footage from section lines)
616 ft from (N) (S) sec line 352 ft from (E) (W) sec line

WELL LOCATION See attached maps County Cass
Section 31 Township 43 Range 33

Nearest distance from proposed location to property or lease line: 255' feet
Distance from proposed location to nearest drilling, completed or applied for well on the same lease: 255' feet

Proposed depth 400' Drilling contractor, name & address Pioneer Pet. Inc. Rotary or Cable Tools Rotary Approx. date work will start July 20, 1983

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

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

Status of Bond
Single Well Amt. 2000 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>2 1/4"</u>	<u>6 1/4"</u>	<u>13 1/2 /ft</u>	<u>7 sacks</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

I, the undersigned, state that I am the Supt. of the DREXEL School (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 Richard Larson, Supt.

Permit Number 20394
Approval Date 7/7/83
Approved By Walter R. Lowe
Note: This Permit not transferable to any other person or to any other location

Drillers log required
 E-logs required if run
 Core analysis required if run
 Drill stem test info. required if run
 Samples required
 Samples not required
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Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned for driller's signature

JUN 20 1983
MO. OIL & GAS COUNCIL
WATER SAMPLES REQUIRED @ 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.

3/12/82

Missouri Oil and Gas Council

Form OGC-4-A

INJECTION WELL LOCATION PLAT

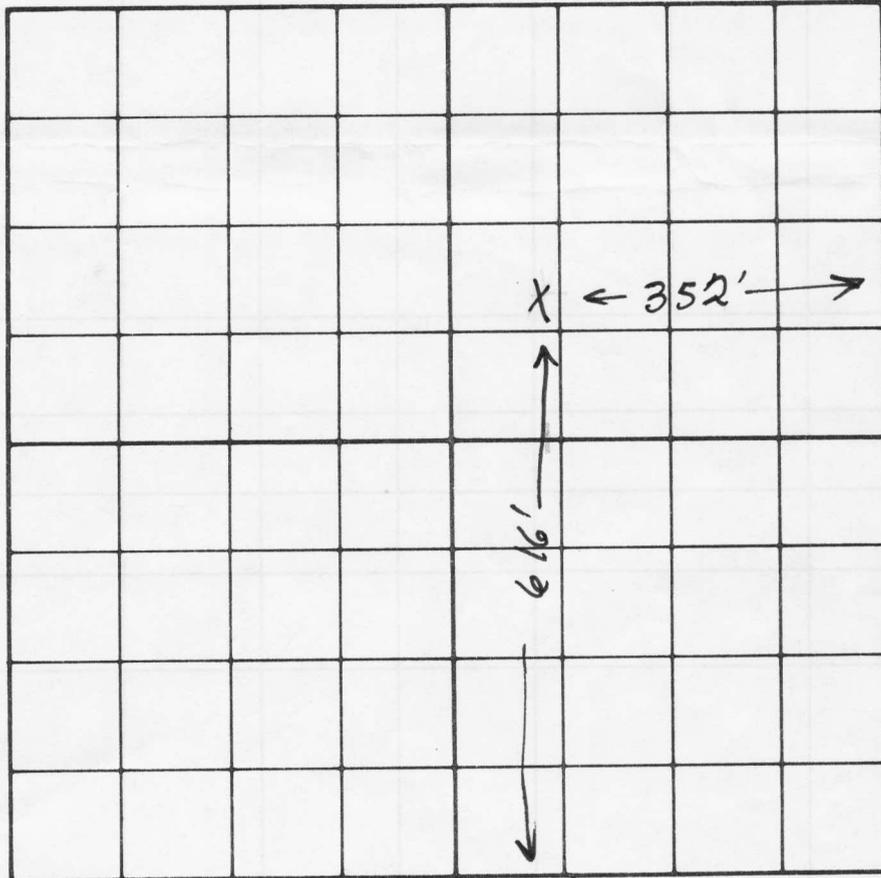
Owner: Drexel R-IV School

Lease Name: Same County: Cass

616 feet from S section line and 352 feet from E section line of Sec. 31, Twp. 43N., Range 33



SCALE
1" = 200'



REMARKS:

Please see attached sheet

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MISSOURI OIL & GAS COUNCIL

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate injection and area of review wells (wells within a 1/2 mile radius of the injection well that penetrate the injection interval) in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

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(SEAL)

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

One will be returned.

Registered Land Surveyor

Number

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

Owner Drexel R-IV school Address Box 397 Drexel, Mo. 64742

Name of Lease Drexel Public School Well No. 1

Location of Well 616' From South Line 352' From Eline Sec-Twp-Rge or Block & Survey 31-43-33 County Cass

Application to drill this well was filed in name of Drexel R IV school Has this well ever produced oil or gas NO Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____ Dry? Yes

Date Abandoned: 7-15-83 Total depth 670 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.
<u>Squirrel</u>	<u>oil Trace</u>	<u>427 - 448</u>	<u>10 sacks @ 460'</u>
			<u>20 sacks @ 120'</u>

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
	<u>21</u>	<u>0</u>	<u>21</u>		

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

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

Name	Address	Direction from this well:
<u>None</u>		

Method of disposal of mud pit contents: Buried

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

CERTIFICATE: I, the undersigned, state that I am the vice President of the F.E. Young Drilling (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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David M. Young
Signature

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Drexel R IV School
section 31 township 43 range 33
elevation 975'
TD = 670

start date 07/12/83
plugging completed 07/15/83

surface	0	3	drilled dry to 350 feet
clay	3	8	
lime	8	22	
shale	22	24	
lime	24	47	
shale	47	50	
shale black	50	54	
lime	54	71	
shale	71	75	
shale black	75	77	
shale	77	78	
lime	78	79	
shale	79	82	
lime	82	87	
shale	87	91	
shale limey	91	96	
shale	96	111	
sandstone green	111	119	
shale	119	202	
shale sandy	202	217	
shale	217	228	
shale dark	228	230	
shale	230	233	
shale red	233	235	
shale green	235	243	
shale red	243	244	
shale green	244	245	
sandstone	245	258	
lime soft	258	265	
shale	265	271	
lime	271	273	
shale	273	297	
lime	297	301	
shale	301	307	
lime	307	312	
shale black	312	313	
shale	313	316	
lime	316	331	
shale	331	346	
lime	346	347	
shale black	347	348	salt water
shale dark	348	350	started water injection
shale	350	355	
lime	355	361	
shale	361	364	
lime	364	376	

shale	376	381	
sandstone layers	381	383	
lime soft	383	397	
shale black	397	399	
shale	399	418	
shale black	418	419	
shale	419	427	
sandstone layers	427	448	oil show
shale	448	465	
sandstone layers	465	514	
lime	514	516	
shale	516	521	
shale black	521	523	
shale	523	528	
sandstone	528	532	
shale	532	542	
shale sandy	542	544	
shale dark	544	575	
shale sandy	575	670	

TD = 670 DRY HOLE

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8	4	3	2	1
2	13	14	15	16

9	8	7	6	5	4	3	2	1
10	11	12	13	14	15	16	17	18

25	"	"	"	"	"	"	"	"	"	25	
1	2	3	4	5	6	7	8	9	10	11	12

30	150	15	13	150	30						
30	14	13	150	58							
28	"	"	"	"	"	28					
1	2	3	4	5	6	7	8	9	10	11	12

5	4	3	2	1				
16	17	18	19	20	21	22	23	24

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20	21	22	23	24				

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12	13	14	15	16

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10	11	12	13	14	15	16	17	18

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200	1
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150	150	150
3	2	1
4	5	6

50	"	"	"	50	
6	5	4	3	2	1
7	8	9	10	11	12

50	"	"	"	50	
6	5	4	3	2	1
7	8	9	10	11	12

7	1
4	L

3	2	1	
8	4	5	6

6	5	4	3	2	1
7	8	9	10	11	12

6	5	4	3	2	1
7	8	9	10	11	12

112.5	112.5	
150	5	4

160.21	160.21	160.21
2	1	

660
150

At a location 30 ft. South of the North Boundary line of Lot 1, Block 5, Revised Stuart Heights, Drexel, Missouri, Cass County.

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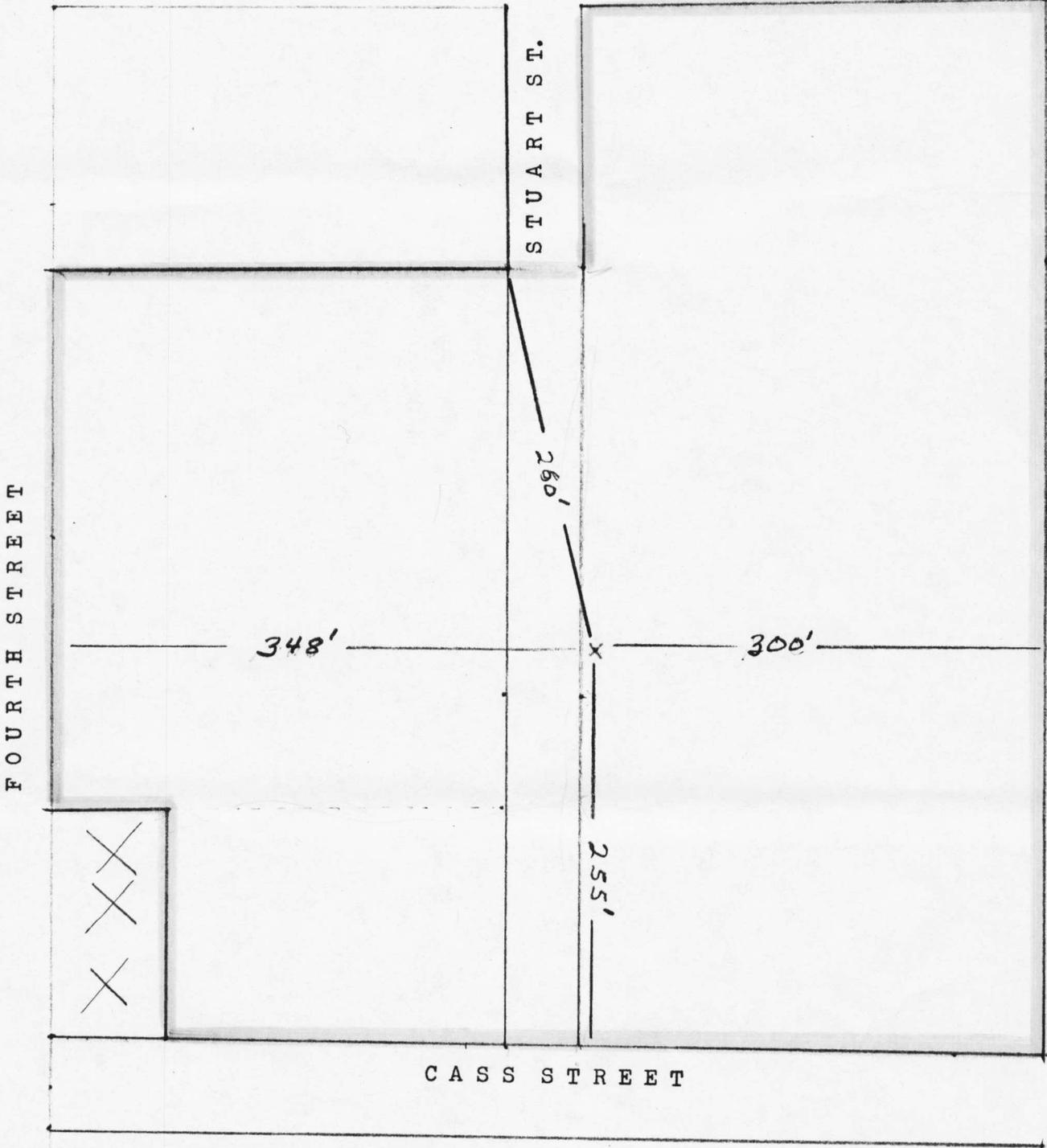
RESERVE

Drexel R-IV School

P.O. Box 397
4th and Main
Drexel, Missouri 64742

Phone:
816-857-4715
816-857-4504

WALNUT STREET



Scale: 1 inch = 100 feet

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Permit #: 20394

Date Issued: 7-7-83

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 7-15-83

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	
3i	<u>6-20-83</u>
4	
4i	<u>6-20-83</u>
5	
6	
7	
8	<u>7-19-83</u>
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water core		
Analyses			
Additional Submitted Data:			