

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR Protal Resources, Inc. DATE 7/6/81  
5600 NE Antioch Road Kansas City Missouri  
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <b>Campbell</b>	Well number <b>#1</b>	Elevation (ground)	
WELL LOCATION (give footage from section lines) <b>1638.52</b> ft. from (S) sec. line <b>2823.08</b> ft. from (E) sec. line			
WELL LOCATION Section <u>28</u> Township <u>45N</u> Range <u>33W</u>		County <b>Cass</b>	
Nearest distance from proposed location to property or lease line: <b>183.08</b> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <b>West of East line</b> feet	
Proposed depth: <b>620</b>	Rotary or Cable tools <b>Rotary</b>	Approx. date work will start <b>July 10, 1981</b>	
Number of acres in lease: <b>20</b>	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 _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>\$30,000.00</u> <input checked="" type="checkbox"/> ON FILE <input 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.			
Proposed casing program:		Approved casing - To be filled in by State Geologist	
amt.	size	wt./ft.	cem.
<u>25 ft.</u>	<u>7"</u>	<u>23</u>	<u>to surface</u>
<u>600 ft.</u>	<u>4 1/4</u>	<u>10.5</u>	<u>to surface</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>President</u> of the <u>Protal Resources, Inc.</u> 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.			
<b>20202</b>	Signature <u>Les Fetterly</u>		

Permit Number: 20202  
 Approval Date: 7/13/81  
 Approved By: Wallace B. Dyer

Note: This Permit is 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 **RECEIVED**  
 SAMPLES NOT REQUIRED  
**JUL 08 1981**

WATER SAMPLES REQUIRED @ OIL & GAS COUNCIL

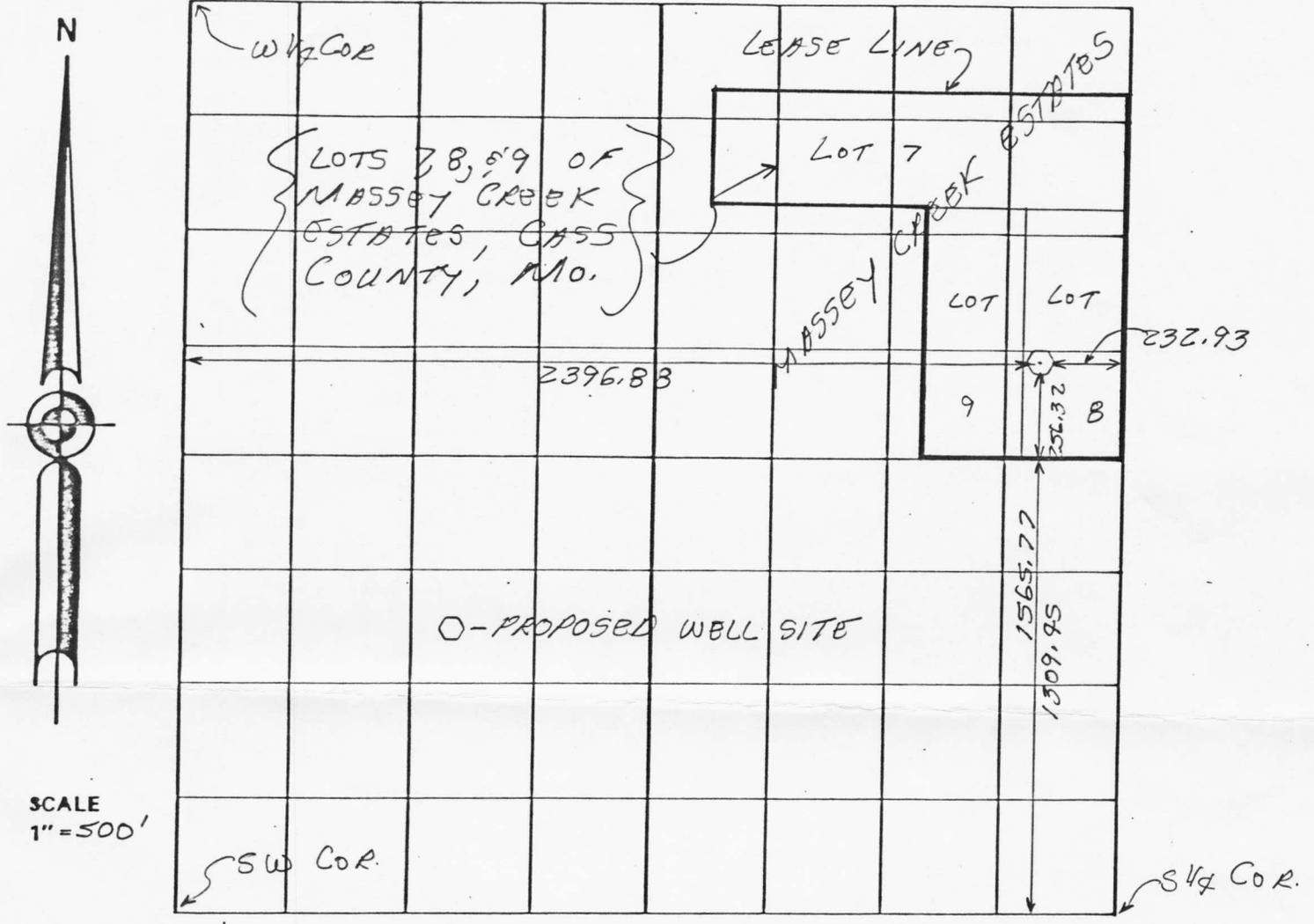
Approval of this permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

Owner: PROTAL RE SOURCES, INC.

Lease Name: CAMPBELL County: CASS

1565.77 feet from S line and 2396.88 feet from W line  
(N) - (S) (E) - (W)

of Sec. 28, Twp. 95 N, Range 33 W.



SCALE  
1" = 500'

REMARKS:

RECEIVED

AUG 07 1981

MO. 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.

This is to Certify that I have examined a survey and accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.



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

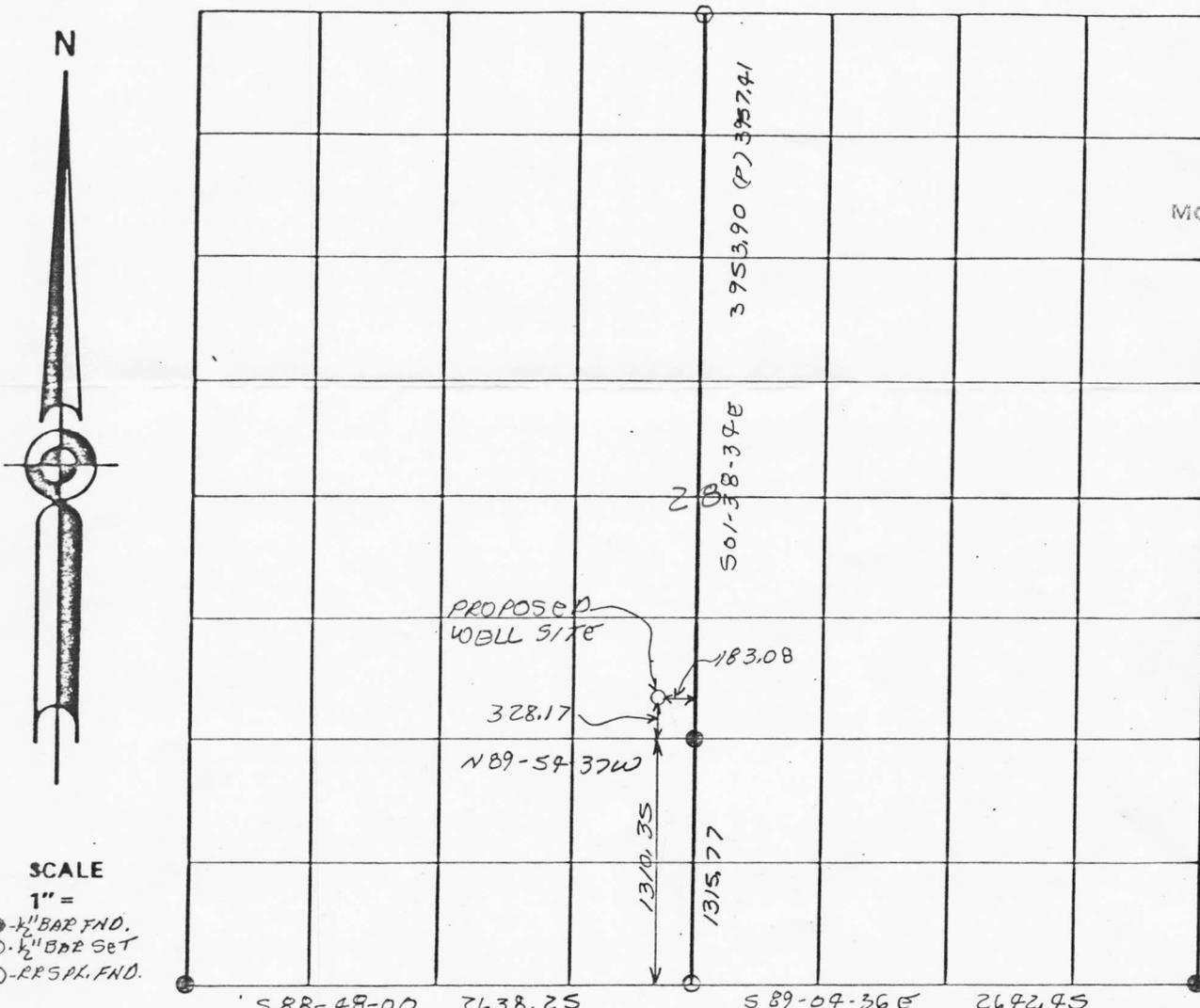
David J. Monroe  
Registered Land Surveyor

1433  
Number

Owner: Protal Resources, Inc. 5600 NE Antioch Road  
KC, Mo. 64119

Lease Name: Campbell County: Cass

1638.52 feet from S line and 183.08 feet from E line of SW $\frac{1}{4}$  of Sec. 28, Twp. 45 N, Range 33 W.  
(N) - (S) (E) - (W)



RECEIVED  
JUL 09 1981  
MO. OIL & GAS COUNCIL

SCALE  
1" =  
● - 1/2" BAR FND.  
○ - 1/2" BAR SET  
○ - RR 5/16" FND.

REMARKS: PROPOSED WELL SITE IS 328.17 FT N. OF SOUTH LINE  
AND 183.08 FT W. OF EAST LINE OF LOT 8 OF MASSEY  
CREEK ESTATES, A SUBDIVISION OF RECORD IN CASS  
COUNTY, MISSOURI

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.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correct as shown on the above plat.

DAVID J. MONROE  
REGISTERED LAND SURVEYOR  
NUMBER LS-1433

David J. Monroe 1433  
Registered Land Surveyor Number

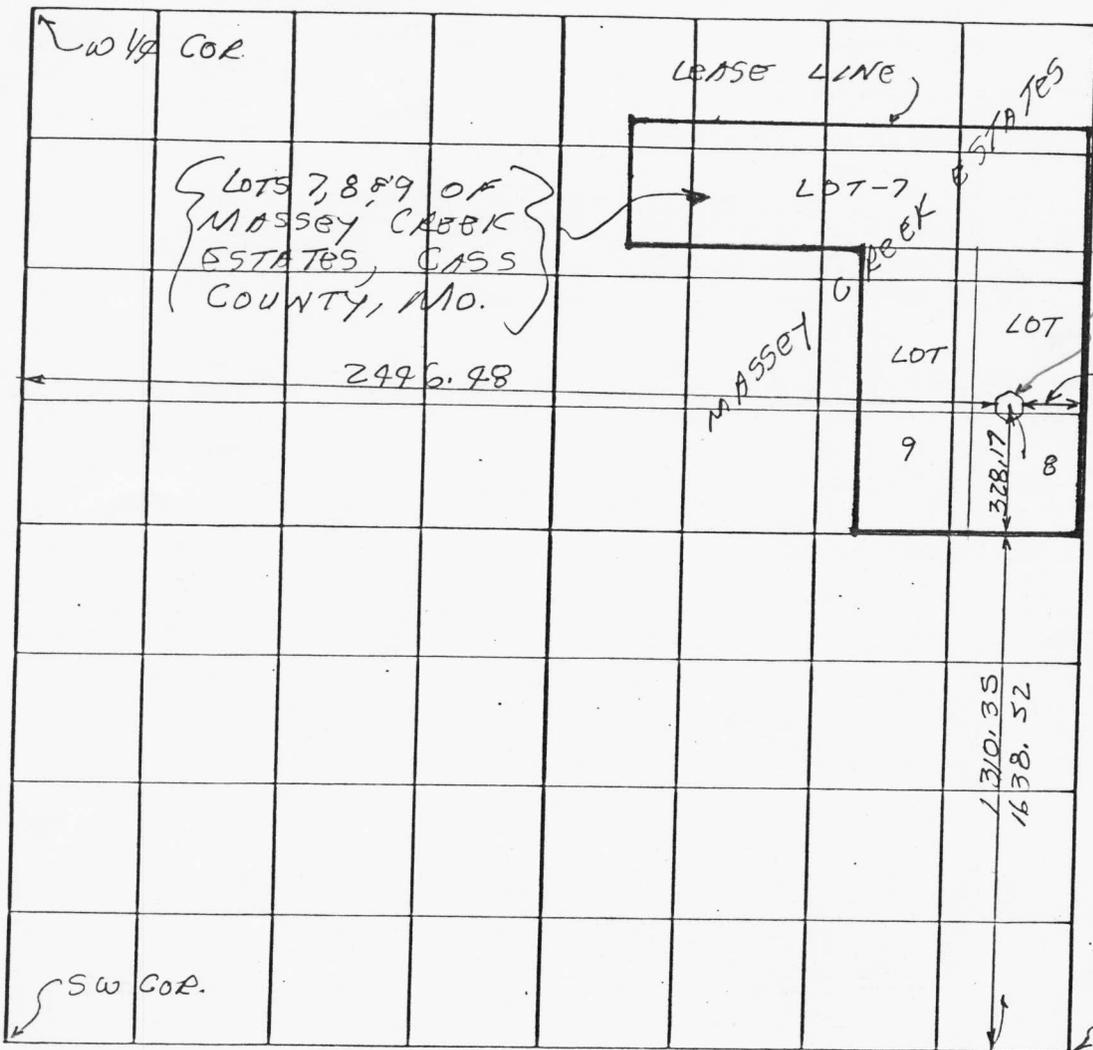
Remit two copies to: Missouri Oil and Gas Council  
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One will be returned.

MISSOURI OIL AND GAS COUNCIL  
WELL LOCATION PLAT

Form OGC-4

Owner: \_\_\_\_\_

Lease Name: \_\_\_\_\_ County: \_\_\_\_\_  
 1635.5 feet from S line and 296.48 feet from W line  
 (N) - (S) (E) - (W) of Sec. 28, Twp. 45 N, Range 33W.



SCALE  
1" = 500'

REMARKS: \_\_\_\_\_ RECEIVED

JUL 13 1981

MO. 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.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with rule 50-2.030 and that the results are correctly shown on the above plat.



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

David S. Monroe 1433  
Registered Land Surveyor Number

PLUGGING RECORD

Owner <i>John Campbell</i>		Address <i>RR 1 Box 185 Cleveland, MO 64734</i>			
Name of Lease <i>Campbell</i>		Well No. <i>1</i>	Permit Number (OGC-3 or OGC-3I number)		
Location of Well <i>Cass County, Mo.</i>		Sec-Twp-Rng or Block & Survey <i>28 45 N 73 E 10</i>		County <i>CASS</i>	
Application to drill this well was filed in name of <i>unknow</i>		Has this well ever produced oil or gas? <i>NO</i>	Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____		Dry? <i>WATER</i>
Date Abandoned <i>12-82</i>	Total depth <i>590</i>	Amount well producing prior to abandonment Oil (bbls/day) <i>None</i> Gas (MCF/day) <i>None</i>		Water (bbls/day) <i>Fill of water</i>	
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	
<i>No Gas or oil</i>					
<i>Bridge Plug AT 260 FT</i>				<i>2 3/8" cemented wa</i>	
<i>WATER only</i>				<i>met?</i>	
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 <i>no one knows. This is a fact</i>
<i>SEE ATTACHED LOG</i>					
Was well filled with mud-laden fluid?			Indicate deepest formation containing fresh water.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name <i>None</i>		Address		Direction from this well:	
Method of disposal of mud pit contents: <i>filled</i>					
Use reverse side for additional detail.					
File this form in duplicate with					
CERTIFICATE: I, the undersigned, state that I am the <i>John Campbell</i> of the <i>OWNER</i> (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 <i>John Campbell</i>					

MISSOURI OIL AND GAS COUNCIL

Form OGC-8

WELL CONVERSION AGREEMENT

This agreement is made this 6<sup>th</sup> day of NOV, 19 85, between DLD RESOURCES of GRANDVILLE, MO, owner of the following described well or test hole, hereinafter called "operator," and JOHN CAMPBELL of CASS COUNTY, owner of surface rights to the land on which the following described well or test hole is situated, hereinafter called "landowner."

WHEREAS operator has drilled or has caused to be drilled a test well for oil and gas, or has operated a producing well, which well is known as CAMPBELL #1 and is located SEC 38 TWP 45N RGE 33W, CASS County, Missouri.

WHEREAS operator desires to plug and abandon said well or test hole in a manner approved by the Missouri Oil and Gas Council;

WHEREAS landowner desires to employ said well or test hole as a source of potable water for the beneficial use of himself or himself and others;

NOW THEREFORE, it is agreed that operator shall plug the hole in accordance with the rules, regulations and instructions of the Missouri Oil and Gas Council except that no plug shall be set at the surface in said well or test hole nor shall surface pipe be cut off below plow depth, thus facilitating the use of the well or test hole as a water source well.

Landowner hereby acknowledges that the operator will be released by the Missouri Oil and Gas Council from future liability for further plugging which may be required by the Council and accepts full responsibility for the operation of the well or test hole as a water well and for the proper plugging and abandonment thereof when its use for this purpose has ended.

Mary Hill  
Witness

DLD RESOURCES  
By Brian Burch  
Operator

Mary Hill  
Witness

John H. Campbell  
Landowner

This agreement must be filed with the Council along with Form OGC-7, "Plugging Record."

approved 11/19/85  
Bruce W. Nettle  
Wallace B. Howe

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES

Box 250

Rolla, Missouri 65401

Casing length is T.D.  
plugged back to 260' T.D.

County: CASS

Owner: JOHN CAMPBELL

1200 Main Str.

Location: SEC 28-T45N-R33W

Grandview, Mo.

Analysis No.: 9291

Analyst: Gene Loren

Collector: \_\_\_\_\_

Date Collected: 11/13/85

Date Analyzed: 11/85

CONSTITUENTS	IN PARTS PER MILLION	
Turbidity . . . . .	-	
Odor . . . . .	-	
pH ( <u>LAB</u> ) . . . . .	7.2	
Alkalinity (CaCO <sub>3</sub> ) . . . . .	97.7	
Phenolphthalein . . . . .	0	
Methyl Orange . . . . .	97.7	
Carbonate (CO <sub>3</sub> ) . . . . .	0	
Bicarbonate (HCO <sub>3</sub> ) . . . . .	119.1	
Silica (SiO <sub>2</sub> ) . . . . .	-	
Aluminum (Al) . . . . .	-	
Calcium (Ca) . . . . .	32	
Magnesium (Mg) . . . . .	7	
Sodium (Na) . . . . .	8.4	
Potassium (K) . . . . .	1.95	
Total Manganese (Mn) . . . . .	0.24	(dissolved, <0.01)
Total Iron (Fe) . . . . .	0.46	(dissolved, <0.01)
Sulfate (SO <sub>4</sub> ) . . . . .	30	
Chloride (Cl) . . . . .	2.5	
Nitrate-Nitrogen (NO <sub>3</sub> -N) ( <u>spot test</u> ) . . . . .	<1	
Fluoride (F) . . . . .	-	
Total Dissolved Solids . . . . .	173	
Total Hardness . . . . .	108.7	
Carbonate Hardness . . . . .	97.7	
Non-carbonate Hardness . . . . .	11.0	

Remarks:

Copies To:

August 23, 1982

Robert D. Knight, Geologist III  
Oil and Gas/Subsurface Geology Section  
Missouri Department of Natural Resources  
P.O. Box 250  
Rolla, Missouri 65401

Dear Sir:

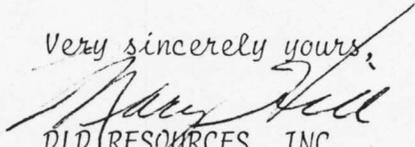
We have a blanket bond for \$20,000.00 on file with you for wells in Missouri.

We request that our bond cover liability for a gas well on the property of John G. Campbell locations as follows; Sec. 28, TWP 45 N, Range 33 W Permit Well # 1, Protaal Resources, Campbell Lease, Cass County.

DLD Resources bond will assume this liability until such time as the property is sold or mineral rights leased. At such time we will notify you of the change.

According to my phone conversation with you on Thursday regarding this matter, I believe this is all the information necessary; however, if anything further is needed, please let me know.

Very sincerely yours,

  
DLD RESOURCES, INC.  
Mary Hill, Vice President

MH/kh

RECEIVED

AUG 25 1982

MO. OIL & GAS COUNCIL

