



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
**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 <i>PENSE BROTHERS DRILLING CO., INC.</i>		DATE <i>12/23/92</i>	
ADDRESS <i>800 NEWBERRY STREET Box 551</i>		CITY <i>FREDERICKTOWN</i>	STATE <i>MO</i>
		ZIP CODE <i>63645</i>	

**DESCRIPTION OF WELL AND LEASE**

NAME OF LEASE <i>L. GUNNELS</i>	WELL NUMBER <i>2</i>	ELEVATION (GROUND) <i>965 (TOPO)</i>
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WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)  
*1552' - FT. FROM (S) SECTION LINE    2382' - FEET FROM (E) SECTION LINE*

WELL LOCATION <i>NW/4 SE/4</i>	SECTION <i>22</i>	TOWNSHIP <i>44N</i>	RANGE <i>33W</i>	COUNTY <i>CASS</i>
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NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE *235* FEET  
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE *1349'* FEET

PROPOSED DEPTH <i>750'</i>	DRILLING CONTRACTOR, NAME AND ADDRESS <i>Pense Bros Drilling Co. Box 551 FREDERICKTOWN, MO 63645</i>	ROTARY OR CABLE TOOLS <i>ROTARY (AIZ)</i>	APPROX. DATE WORK WILL START <i>ON PERMIT</i>
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NUMBER OF ACRES IN LEASE <i>160</i>	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR	NUMBER OF ABANDONED WELLS ON LEASE <i>0</i>
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IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?  
NAME *N/A*  
ADDRESS \_\_\_\_\_

NO. OF WELLS: PRODUCING \_\_\_\_\_  
INJECTION \_\_\_\_\_  
INACTIVE *1*  
ABANDONED \_\_\_\_\_

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <i>20,000<sup>00</sup></i>	<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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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.)  
*N/A*

PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<i>80'</i>	<i>7"</i>	<i>17 LB</i>	<i>TO SUWF</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>TD TO SUWF</i>	<i>4 1/2"</i>	<i>10 1/2 LB</i>	<i>TO SUWF</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>

I, the undersigned, state that I am the *ASST. V.P.* of the *Pense Bros Drilling 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 *B. E. Blance II* DATE *12/23/92*  
*B. E. BLANCE II, ASST. V.P.*

PERMIT NUMBER <i>#20558</i>	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE <i>12/24/92</i>	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>James H. Williams</i> <small>ENG.</small>	<input type="checkbox"/> SAMPLES REQUIRED	<b>DEC 24 1992</b>
	<input type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT _____	

**NOTE** ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

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.

I \_\_\_\_\_ of the \_\_\_\_\_ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE	DATE
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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

NEW WELL  WORKOVER  DEEPEN  PLUG BACK  INJECTION  SAME RESERVOIR  DIFFERENT RESERVOIR  OIL  GAS  DRY

OWNER <i>Dense Bros. Drilling Co.</i>		ADDRESS <i>Box 551, Fredricktown, Mo 63645</i>			
LEASE NAME <i>Lloyd Gunnells</i>		WELL NUMBER <i>2</i>			
LOCATION <i>NW/4 of SE/4</i>			SEC. TWP. AND RANGE OR BLOCK AND SURVEY <i>Sec. 22 - T 44N - R33W</i>		
COUNTY <i>Cass</i>	PERMIT NUMBER (OGC-3 OR OGC-31) <i>20558</i>				
DATE SPUDED <i>12/27/93</i>	DATE TOTAL DEPTH REACHED <i>12/29/93</i>	DATE COMPLETED READY TO PRODUCE OR INJECT	ELEVATION (DF, RKR, RT, OR Gr.) FEET <i>970 gr</i>	ELEVATION OF CASING HD. FLANGE FEET <i>971</i>	
TOTAL DEPTH <i>749</i>	PLUG BACK TOTAL DEPTH <i>741</i>				
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION <i>Rowe, Tebo, Crowburg</i>		ROTARY TOOLS USED (INTERVAL) <i>0 TO 749</i>		CABLE TOOLS USED (INTERVAL) <i>NA</i>	
WAS THIS WELL DIRECTIONALLY DRILLED? <i>No</i>	WAS DIRECTIONAL SURVEY MADE? <i>No</i>	DRILLING FLUID USED <i>NA</i>		WAS COPY OF DIRECTIONAL SURVEY FILED? <i>NA</i>	
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) <i>Gamma Ray, Neutron</i>				DATE FILED <i>7/2/93</i>	

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	AMOUNT PULLED
<i>Surface</i>	<i>8 3/4"</i>	<i>7"</i>	<i>19</i>	<i>50'</i>	<i>15</i>	
<i>Production</i>	<i>6 1/2"</i>	<i>4 1/2"</i>	<i>10.5</i>	<i>709</i>	<i>100</i>	

TUBING RECORD

LINER RECORD

SIZE IN.	DEPTH SET FEET	PACKER SET AT FEET	SIZE INCH	TOP FEET	BOTTOM FEET	SACKS CEMENT	SCREEN FEET
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PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
<i>4spf</i>	<i>3/8" 90°</i>	<i>Rowe 672-676</i>	<i>200 FE acid, 175 lbs 30# xline</i>	<i>672-676</i>
<i>4spf</i>	<i>3/8" 90°</i>	<i>Tebo 545-548</i>	<i>200 gal FE, 215 lbs 30# xline</i>	<i>545-548</i>
<i>4spf</i>	<i>3/8" 90°</i>	<i>Crowburg 485-488</i>	<i>200 gal FE, 173 lbs 30# xline</i>	<i>485-488</i>

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.) <i>Pumping</i>					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF		WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)
TUBING PRESSURE		CASING PRESSURE	CALC'D RATE OF PRODUCTION PER 24 HOURS	OIL bbls.	GAS MCF	WATER bbls.	GAS OIL RATIO

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

METHOD OF DISPOSAL OF MUD PIT CONTENTS

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE MISSOURI AGENT OF THE LEMO OPERATING 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.

DATE <i>4-27-94</i>	SIGNATURE <i>[Signature]</i>
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MO Oil & Gas Council

RECEIVED  
MAY 02 1994

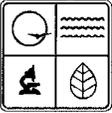
**INSTRUCTIONS:** ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

\* 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.

**DETAIL OF FORMATIONS PENETRATED**

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
DENNIS	0	5	
SWOPE	5	26	
HUSHPUNKEY	26	51	
HERTHA	51	57	
PLEASANTON	57	74	
HOLDENVILLE	74	208	
NOXIATA/LENAPAH	208	230	
BANDERA	230	244	
COAL CITY	244	280	
MINE CREEK	280	290	
MYRICK STATION	290	312	
FT. SCOTT	312	320	
MULKEY/LEGONDA	320	358	
VERDIGRIS	358	472	
CROWEBURG	472	486	
MINERAL	486	513	
SCAMMON	513	520	
TEBO	520	547	
BLUEJACKET	547	556	
DEYWOOD	556	630	
ROWLE	630	672	
WARNER	672	709	
WARSAW	709	725	

RECEIVED  
MAY 05 1984



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**PLUGGING RECORD**

FORM OGC-7

OWNER'S NAME <b>Lloyd Gunnells</b>		ADDRESS <b>4808 E. State Route W, Freeman, MO. 64746</b>	
NAME OF LEASE		WELL NUMBER <b>2</b>	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <b>20558</b>
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY <b>Sec. 22 Township 44 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West</b>		LATITUDE <b>94 33'5.36"</b>	LONGITUDE <b>38 35'49.96"</b>
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <b>LEMCO</b>		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) <b>N/A</b> GAS (MCF/DAY) <b>0</b>
DATE OF ABANDONMENT <b>06/11/2012</b>	TOTAL DEPTH <b>700'</b>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) <b>N/A</b> GAS (MCF/DAY) <b>unknown</b>	WATER (BBL/DAY) <b>unknown</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, and depth of plugs used, giving amount of cement.
Rowe,	unknown	672'-676'	52 bags for 2.5 yards of neat cement
Tebo	unknown	545'-548'	plugging 700' to 3'
Croweburg	unknown	485'-488'	

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
2.5"	610'	610'	0		N/A
3/4"	610'	610'	0		N/A
4.5"	700'	0	697'	3'/cutting torch	N/A
7"	50'	0	47'	3'/cutting torch	N/A

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER <b>unknown</b>
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
N/A		

METHOD OF DISPOSAL OF MUD PIT CONTENTS	N/A
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NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL INFORMATION)

**CERTIFICATE** I, the undersigned, state that I am the T-IV of the DNR (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 	DATE <b>06/21/2012</b>
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**DETAIL OF FORMATIONS PENETRATED**

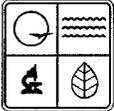
FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
0-700'			The well was grouted by reverse tremie method. 450 gallons of water was contained and deposited of at the Archie Waste Water Treatment plant. The well was filled from the bottom to 3' below surface with 2.5 yards of neat cement. From 3' to 2' below surface was filled with 3 bags of bentonite chips, hydrated with 5 gallons of water/bag. The remaining 2' to surface was filled with native soil.

**NOTE**

\* 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.



STATE OF MISSOURI  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY PROGRAM  
**PLUGGING RECORD**

FORM OGC-7

OWNER'S NAME <b>David Arnold</b>		ADDRESS <b>Route 2 Box 73, Drexel, MO. 64742</b>			
NAME OF LEASE <b>Fee</b>		WELL NUMBER <b>Fee # 4</b>		PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) <b>20034</b>	
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY <b>Sec. 34 Township 43 North Range 32 <input type="checkbox"/> East <input checked="" type="checkbox"/> West</b>		LATITUDE <b>W94 26'13.0"</b>	LONGITUDE <b>N38 28'39.0"</b>	COUNTY <b>Cass</b>	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: <b>Ka-La-Da Enterprises Inc.</b>		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) <b>Trace</b>		GAS (MCF/DAY) <b>10,000</b>
DATE OF ABANDONMENT <b>06/11/2012</b>	TOTAL DEPTH <b>260'</b>	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) <b>unknown</b>		GAS (MCF/DAY) <b>0</b>	
				WATER (BBL/DAY) <b>1</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, and depth of plugs used, giving amount of cement.
<b>Squirrel sandstone</b>	<b>unknown</b>	<b>185'-216'</b>	<b>21 bags for 1 yard of neat cement</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>4"</b>	<b>260'</b>	<b>0</b>	<b>257'</b>	<b>3'/cutting torch</b>	<b>N/A</b>

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FREE WATER <b>Unknown</b>
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE		
NAME	ADDRESS	DIRECTION FROM THIS WELL
<b>N/A</b>		

METHOD OF DISPOSAL OF MUD PIT CONTENTS <b>N/A</b>
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**NOTE** FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)

**CERTIFICATE** I, the undersigned, state that I am the T-IV of the DNR (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>Van Horn</i>	DATE <b>06/21/2012</b>
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DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
0-260'			The well was grouted by reverse tremie method. Approximately 150 gallons of water was contained and deposited of by T & T energy using a vacuum truck. The well was filled from the bottom to 3' below the surface with neat cement. From 3' to 2' below surface was filled with 3 bags of hydrated bentonite chips, using 5 gallons/bag. The remaining 2' to surface was filled with native soil.

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<b>NOTE</b>	* 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.
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<b>INSTRUCTIONS</b>	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.
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**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	- - -									
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA		2 Category Code							
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ feet									
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>PENSE BROS. DRG. CO., INC.</u> Name <u>800 NEWBERRY ST., BOX 551</u> Street <u>FREDERICKTOWN</u> <u>MD</u> <u>63645</u> City State Zip Code			Seller Code						
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>CASS</u> <u>MD</u> Field Name State <u>_____</u> <u>_____</u> Area Name Block Number									
(b) For OCS wells:	Date of Lease:           Mo. Day Yr. OCS Lease Number									
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>GUNNELS NO. 2</u>									
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____									
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>MO Oil &amp; Gas Council</u> Name _____ Buyer Code									
(b) Date of the contract:	 Mo. Day Yr.									
(c) Estimated total annual production from the well:	_____ Million Cubic Feet									
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)					
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____	_____					
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____	_____					
9.0 Person responsible for this application:	<u>B. E. BLANCETT</u> <u>ASST. V. P.</u> Name Title <u>B. E. Blancett</u> Signature <u>12/30/92</u> <u>(314) 783-3347</u> Date Application is Completed Phone Number									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align: center;">Agency Use Only</td> <td style="width:70%;"></td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> <td></td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> <td></td> </tr> </table>	Agency Use Only		Date Received by Juris. Agency		Date Received by FERC					
Agency Use Only										
Date Received by Juris. Agency										
Date Received by FERC										

RECEIVED  
 DEC 30 1992  
 MO Oil & Gas Council

**SECTION 22, TOWNSHIP 44 NORTH, RANGE 33 WEST  
CASS COUNTY, MISSOURI**



ORDER NO. : 2770

CLEAVER AND ASSOCIATES, P.R.2, BOX 42 ATLANTA, MO. 63530

Thereby certify the survey platted hereon complies with the Current Minimum Standards for Property Boundary Surveys adopted by the MISSOURI DEPARTMENT OF NATURAL RESOURCES.

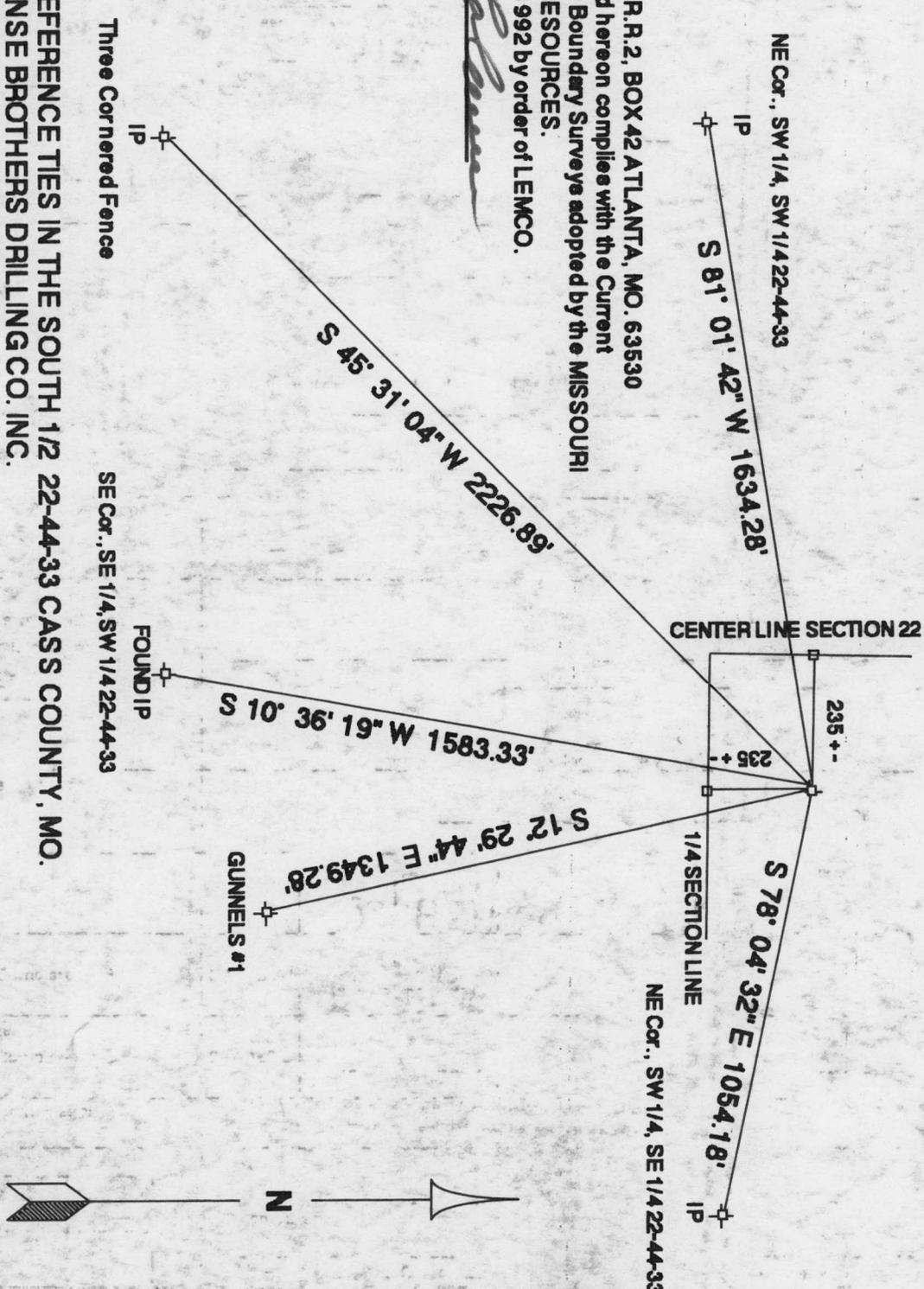
Executed this 24th day of Dec. 1992 by order of LEMCO.

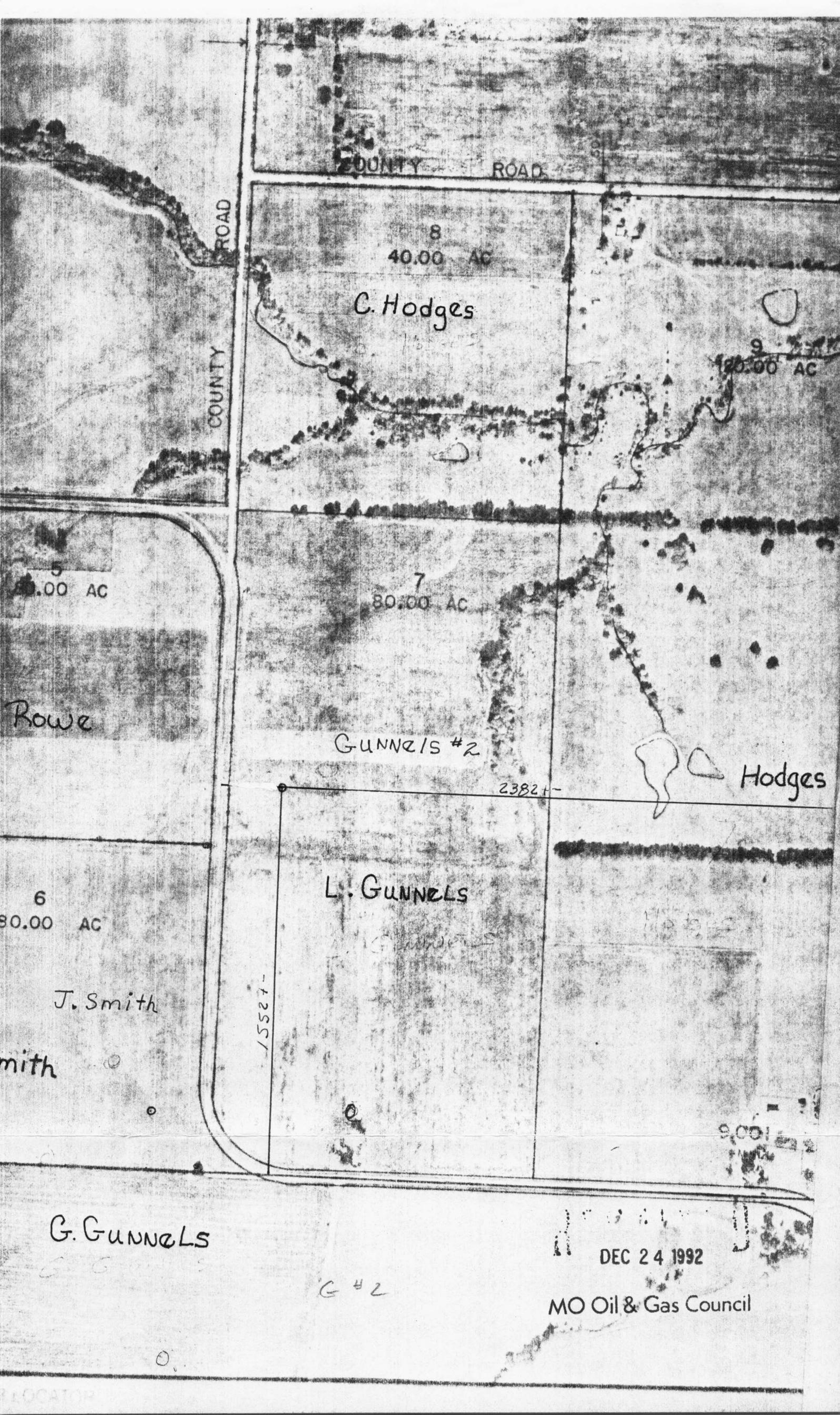
*Edward A. Cleaver*

Edward A. Cleaver, L.S. 1241

SCALE 1" = 400'  
SOUTH LINE 22-44-33  
ASSUMED WEST-EAST

WELL REFERENCE TIES IN THE SOUTH 1/2 22-44-33 CASS COUNTY, MO.  
FOR: PENSE BROTHERS DRILLING CO. INC.  
PROPOSED GUNNELS WELL #2





COUNTY ROAD

COUNTY ROAD

8  
40.00 AC

C. Hodges

9  
120.00 AC

5  
80.00 AC

Rowe

7  
80.00 AC

GUNNELS #2

2382+

Hodges

6  
80.00 AC

J. Smith

Smith

L. GUNNELS

15527-

G. GUNNELS

G #2

DEC 24 1992

MO Oil & Gas Council

Permit #: 20558

Date Issued: 12-24-92

County: CASS

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

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

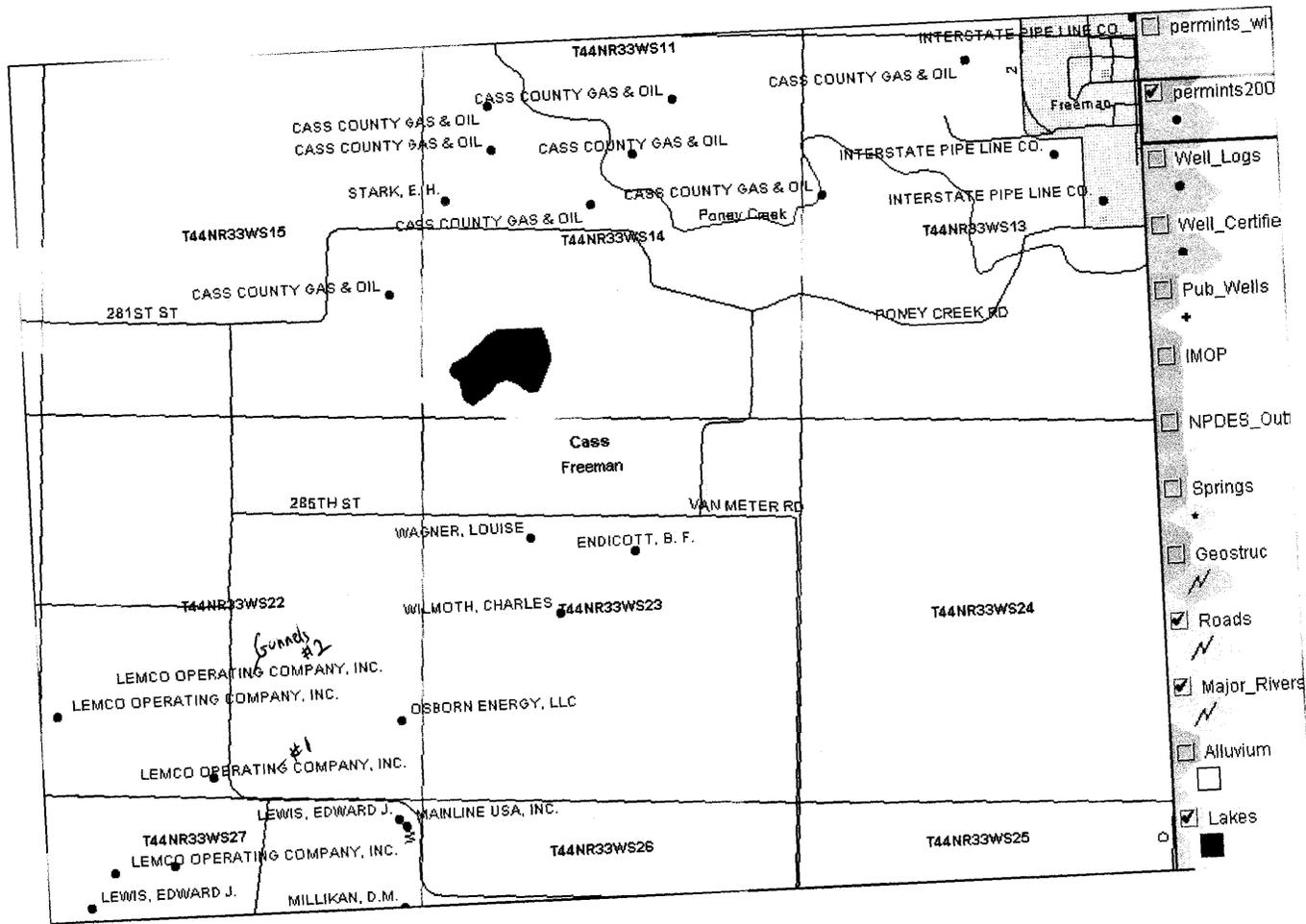
Date Plugged: \_\_\_\_\_

OCC FORMS	Date Received
1	
2	
3	12-24-92
3i	
4	12-24-92
4i	
5	5-2-94
6	
7	
8	
11	
12	
Misc. Form 2	

COMMENTS:

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

Additional Submitted Data:



COUNTY:	CASS	API:	24 037 20558	Procedure Dates:	
COMPANY NAME:	LEMCO OPERATING COMPA	COMPANY NUMBER:	LE008	DATEAPPROV:	12/24/92
LEASENAME:	GUNNELS	WELL NUMBER:	2	CAN_DT:	
WELL ORDER:	2	ORIGINAL OPERATOR:	PENSE BROTHERS DRILLING	SPUD_DATE:	12/27/93
WELL TYPE:	3	WELL STATUS:	TA	COMPL_DT:	12/29/93
		BONDED Y/N:	Y	PLUG_DT:	
-----					
TOWNSHIP:	44	RANGE:	33	SECTION:	22
SURVEYLOC1:	1552 FSL	SURVEYLOC2:	2382 FEL		
LATITUDE:		LONGITUDE:		ELEVATION:	965
-----					
PROPOSED TD:	750	ACTUAL TD:	749	LOG_DEPTH:	0
				PBTD:	741
PERF INT:	485-488	LOG TYPE:	GRN		
IP:		SPL LOG:			
GRAVITY:		GOR:		PROD FORM:	
-----					
MIT 1:		MIT 2:		MIT 3:	
		MIT 4:		LAST MIT:	
WIT 1:		WIT 2:		WIT 3:	
		WIT 4:		LASTMITWIT:	
MITCOMMENT:	APPLIED FOR TAX CREDIT 12/92.				
INSP 1:		INSP 2:		INSP 3:	
COMMENT:	TA SINCE 4/97				
Print Form		U - Update File		R - Return to Permit Menu	
Select Action by Clicking on Button or Typing Number or Letter: <input type="text"/>					