

This permit originally issued to General Energy, then Emery Energy, now owned by Town Oil.

Missouri Oil and Gas Council

Form OGC-3

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 Town Oil Co. DATE 12/6/85  
Route 4 Paola KCS 66071  
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Jack Beary Well number 57-B Elevation (ground) \_\_\_\_\_

WELL LOCATION (give footage from section lines)  
357.17 ft. from (N) ~~(S)~~ sec. line 1322.25 ft. from (E) ~~(W)~~ sec. line

WELL LOCATION Section 4 Township 46N Range 33W County CASS

Nearest distance from proposed location to property or lease line: 275 feet  
Distance from proposed location to nearest drilling, completed or applied for well on the same lease: 220 feet

Proposed depth: 670 Drilling contractor, name & address \_\_\_\_\_ Rotary or Cable Tools  Approx. date work will start see note

Number of acres in lease: 24 1/2 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 \_\_\_\_\_ No. of Wells: producing \_\_\_\_\_  
Address \_\_\_\_\_ inactive \_\_\_\_\_  
abandoned \_\_\_\_\_

Status of Bond Single Well  Amt. \_\_\_\_\_ Blanket Bond  Amt. 20,000  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>650'</u>	<u>4"</u>	<u>10.4</u>	<u>yes</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>20</u>	<u>7 1/2"</u>	<u>22</u>	<u>yes</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 Partner of the Town Oil (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: Lulu Town

Permit Number: 20106  
Approval Date: 12/6/85  
Approved By: Wallace B. Howe BHW

- 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

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 for driller's signature

RECEIVED

DEC 16 1985

WATER SAMPLES REQUIRED @  
\_\_\_\_\_  
\_\_\_\_\_

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.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR General Energy, Inc. of Lim Co DATE 11-25-80  
Box 216 Mound City, KANSAS 66056  
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>JACK BEARY</u>	Well number <u>57-B</u>	Elevation (ground)	
WELL LOCATION (give footage from section lines) <u>1322.25 FEL</u> <u>357.17</u> ft. from (N) <input checked="" type="checkbox"/> sec. line <u>275</u> ft. from (E) <input checked="" type="checkbox"/> sec. line			
WELL LOCATION Section <u>4</u> Township <u>46</u> Range <u>33</u>			County <u>CASS</u>
Nearest distance from proposed location to property or lease line: <u>275</u> feet		Distance from proposed location to nearest drilling, completed or applied – for well on the same lease: <u>220</u> feet	
Proposed depth: <u>670'</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>12 80</u>	
Number of acres in lease: <u>24 1/2</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: _____	
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>20,000<sup>00</sup></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>650'</u>	<u>4"</u>	<u>10.4</u>	<u>yes</u>
<u>20</u>	<u>7 1/4</u>	<u>22</u>	<u>yes</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>VICE PRESIDENT</u> of the <u>GENERAL ENERGY, INC OF LIM CO</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>Doug McLean</u>			

Permit Number: 20106  
 Approval Date: December 1, 1980  
 Approved By: Wallace B. Howe  
IRS

SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED DEC 01 1980  
 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 for driller's signature

WATER SAMPLES REQUIRED @:  
 \_\_\_\_\_  
 \_\_\_\_\_

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.

**Note:** Permit approval for drilling only, not injection. Approval or denial for injection determined after Mechanical Integrity Test results reviewed and official notification given.

Missouri Oil and Gas Council

Form OGC-3I

INJECTION WELL PERMIT APPLICATION: to drill, deepen, plug back, or convert an existing well

APPLICATION TO DRILL  DEEPEN  PLUG BACK  CONVERSION

NAME OF COMPANY OR OPERATOR: Town Oil Co. DATE: 4-29-88  
Rt. 4 Paola Kansas 66071  
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease: Beary Well number: 57-B Elevation (ground): 1069.9'

WELL LOCATION (give footage from section lines)  
357.17 ft. from (N) Y (S) sec line 1322.25 ft. from (E) XX (W) sec line

WELL LOCATION Section 4 Township 46N Range 33W COUNTY Cass

Nearest distance from proposed location to property or lease line 275 feet  
 Distance from proposed location to nearest drilling, completed or applied for well on the same lease 220 feet

Proposed depth: 670 Rotary or Cable tools: \_\_\_\_\_ Drilling Contractor, name and address: \_\_\_\_\_ Approx. date work will start: \_\_\_\_\_

Number of acres in lease: 24.5 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. \_\_\_\_\_ Blanket Bond  Amt. 20,000  ON FILE  ATTACHED

Outline Proposed Stimulation Program

Proposed casing program				Approved casing		To be filled in by State Geologist	
amt.	size	wt/ft	cpm	amt.	size	wt/ft	cpm
<u>650'</u>	<u>4"</u>	<u>10.4</u>	<u>yes</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>
<u>20</u>	<u>7 1/2"</u>	<u>22</u>	<u>yes</u>				

**RECEIVED**  
 MAY 06 1988  
 MO Oil & Gas Council  
 Economic Geology

I, the undersigned, state that I am the partner of the Town Oil Co. (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: Lester Town

Permit Number 20106 | | SAMPLES REQUIRED  SAMPLES NOT REQUIRED   
 Approved Date 5/26/88 WATER SAMPLES REQUIRED @ \_\_\_\_\_

Approved by: [Signature]  
 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 for driller's signature

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 \_\_\_\_\_

**Proposed Operations Data**

Proposed average daily injection, pressure 400 psig, rate 25 bpd/gpm, volume 300 bbl/gal

Approved average daily injection, (to be filled in by State Geologist). pressure 400 psig, rate 25 bpd/gpm, volume 300 bbl/gal

Proposed maximum daily injection, pressure 600 psig, rate 50 bpd/gpm, volume 1000 bbl/gal

Approved maximum daily injection, (to be filled in by State Geologist). pressure 600 psig, rate 50 bpd/gpm, volume 1000 bbl/gal

Estimated fracture pressure/gradient of injection zone breakdown 800 psi/foot

Describe the source of the injection fluid produced and fresh water

Submit an appropriate analysis of the injection fluid. (Submit on separate sheet).

Describe the compatibility of the proposed injected fluid with that of the receiving formations, including total dissolved solids comparisons.

30,832 TDS

Give an accurate description of the injection zone including lithologic descriptions, geologic name, thickness, depth, porosity, and permeability.

see log

Give an accurate description of the confining zones including lithologic description, geologic name, thickness, depth, porosity, and permeability.

see log

Submit all available logging and testing data on the well.

Give a detailed description of any well needing corrective action which penetrates the injection zone in the area of review (1/2 mile radius around well). Include the reason for and proposed corrective action.

None  
attached

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 <b>Emery Energy, Inc.</b>		Address <b>Box 519, Osawatomie, Kansas 66064</b>		
Lease Name <b>Jack Beary Lease</b>		Well Number <b>B-57</b>		
Location <b>357.12 ft. FNL 1322.25 Ft. FEL</b>		Sec. — TWP-Range or Block & Survey <b>Sec. 4 Twp. 46N Range 33W</b>		
County <b>Cass</b>	Permit number (OGC3 number) <b>20106</b>			
Date spudded <b>12-15-80</b>	Date total depth reached <b>12-17-80</b>	Date completed, ready to produce <b>2-17-81</b>	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet <b>Same as sur. etc.</b>
Total depth <b>640 ft.</b>	P. B. T. D. <b>627.70</b>			
Producing interval (s) for this completion		Rotary tools used (interval) From <b>0</b> to <b>T.D.</b> Drilling Fluid used <b>water, air</b>		Cable tools used (interval) From <b>None</b> to <b>None</b>
Was this well directionally drilled? <b>no</b>	Was directional survey made? <b>no</b>	Was copy of directional survey filed? <b>no</b>		Date filed <b>no</b>
Type of electrical or other logs run (list logs filed with the State Geologist) <b>Gamma Ray, Neutron, CCL</b>				Date filed <b>5/25/1981</b>

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
surface	9 in.	7 in.	35	21.25	70	
producing	6.25 in.	4 in.	10.6	627.70		

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2.375 in.	ft.	none ft.	N/A in.	N/A ft.	N/A ft.	N/A	N/A

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
	3 1/2 glass		water gel 2	Clay Stab. 10
			sand 20-40 20	
			sand 10-30 10	

INITIAL PRODUCTION

Date of first production <b>2-21-81</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>No record-see later production report</b>					
Date of test <b>no</b>	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	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 **Vice-President** of the **Emery Energy, 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.

*Devon M. Hurst*  
Signature **Devon Hurst**

RECEIVED

Remit two copies: one will be returned

JUN 04 1981

MO. OIL & GAS COUNCIL

W00014

## DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
<b>PENNSYLVANIAN SYSTEM</b>			
<b>KANSAS CITY</b>			
Iola Ls.	0	40	White to light gray limestone
Chanute Sh.	40	120	Gray to green shales with gray limestone beds
Cement City Sh.	58	68	Blue, gray limestone
Belton Ss.	114	120	Sandstone
Cherryvale Sh.	120	164	Gray, blue shales
Dennis Ls.			
Winterset Sh.	164	195	Gray, blue coarse limestone
Stark Sh.	195	200	Black, fissile shale
Swope Ls.			
Bethany Falls Ls.	200	221	Gray, fine to coarse limestone
Hush puckney Sh.	221	226	Black, fissile shale
Hertha Ls.	226	286	Gray to blue limestone
<b>PLEASANTON</b>	286	424	Gray, green shales
Knobtown Ss.			sand
Dawson Coal Hor.	366	370	Black, fissile, slaty shale
<b>HENRIETTA</b>	424	529	
Alamont	424	439	Gray brown, fine grained limestone with gray shale
Pawnee	439	478	Fine grained, light gray limestone
Peru Ss.	456	461	Sand
Myrick Sta. Ls.	473	478	Gray to brown limestone
Anna Sh.	478	482	Coal to black fissile shale
Fort Scott	482	529	Gray to green shales and limestone
Englevale Ss.	482	488	Fine to medium grained channel sandstone
<b>CHEROKEE</b>	529	---	Gray to dark shales
Upper Cherokee			
Upper Squirrel	555	565	Fine to medium grained sandstones
Lower Squirrel	573	599	Fine to medium grained sandstones
Bevier Coal Hor.	---	---	Black coal
Lower Cherokee			
Burbank Ss.			Sandstone, irregular
Bartlesville Ss.	599	640 T.D.	Shale, sandy shale, thin sandstone
Core # 1	464	482	
Core # 2	482	502	Englevale Ss. 482-488
Core # 3	558	577.5	Upper Squirrel 555-565
			Core # 4 577-597 Lower Squirrel <del>XXXXXX</del> 573-599

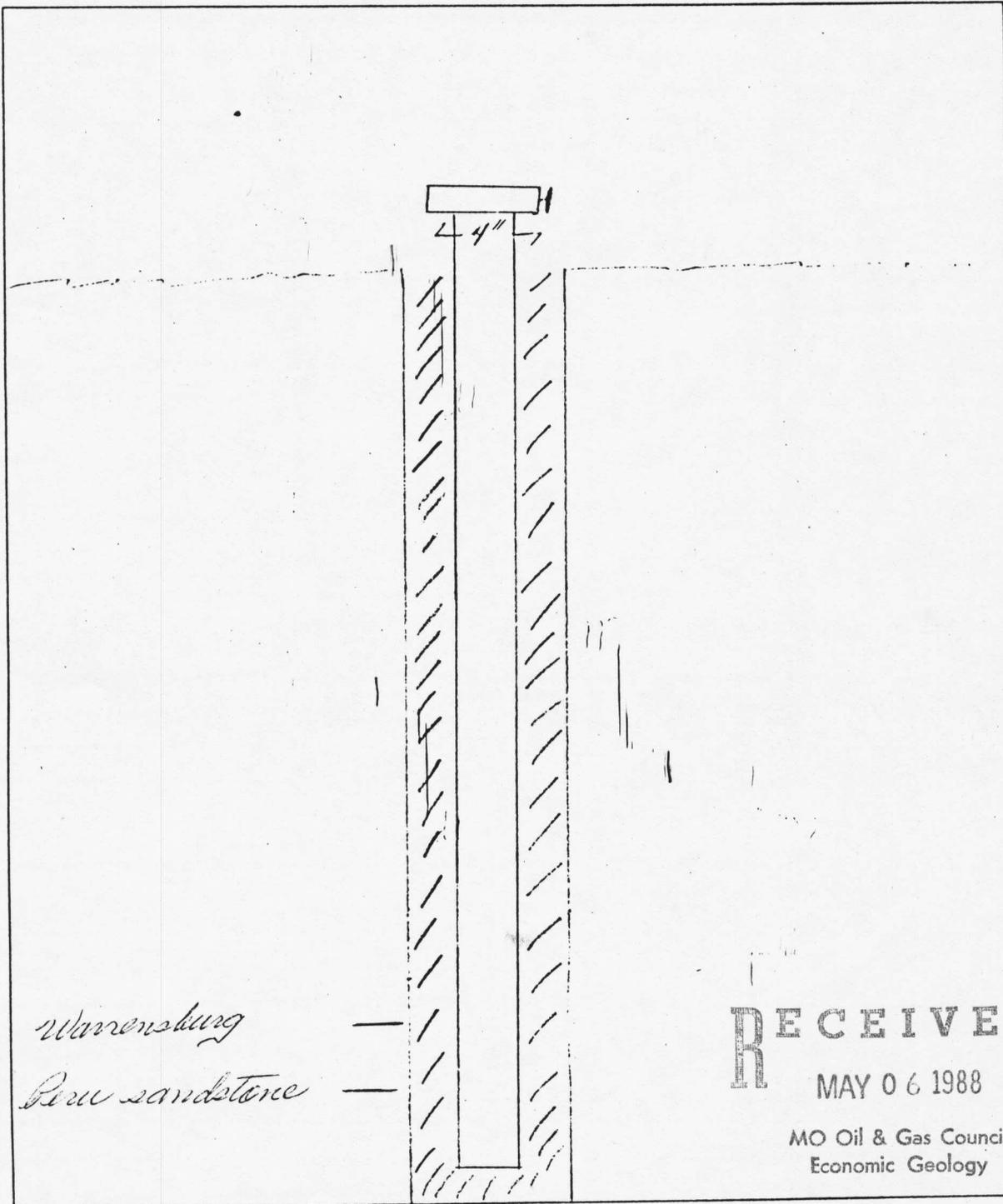
\*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

## INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

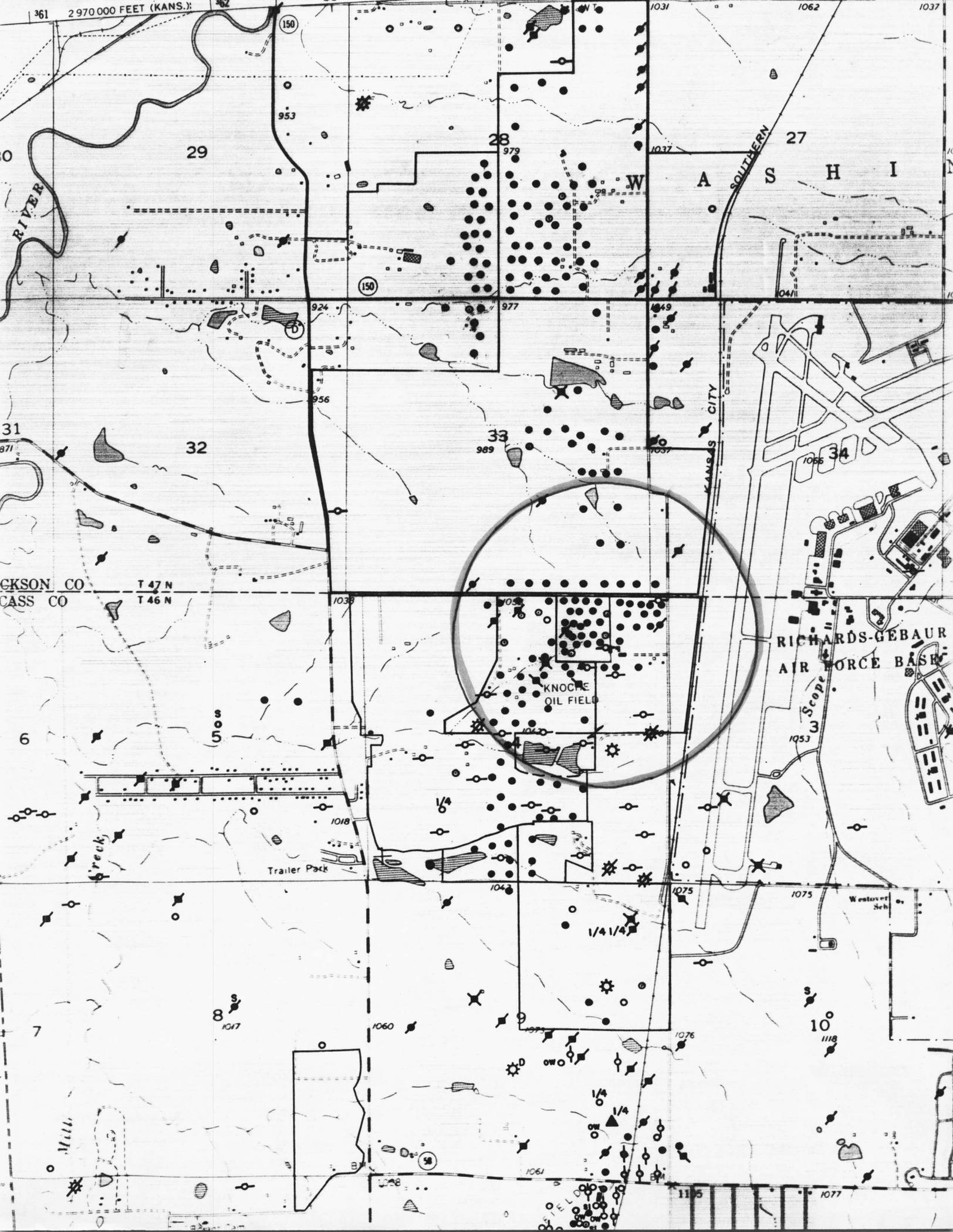
Missouri Oil and Gas Council  
INJECTION WELL SCHEMATIC

Form OGC-11



**Instructions**

On the above space draw a neat accurate schematic diagram of the applicant injection well including the following: configuration of well head, total depth or plug back total depth, depth of all injection or disposal intervals, and their formation names, lithology of all formations penetrated, depths of the tops and bottoms of all casing and tubing, size and grade of all casing and tubing, and the type and depth of packer, depth, location, and type of all cement, depth of all perforations and squeeze jobs, and geologic name and depth to bottom of all underground sources of drinking water which may be affected by the injection. Use back if additional space is needed, or attach sheet.



**PUBLIC NOTICE**

Town Oil Company, Rt. 4, Rolla, Kansas 66071 has applied for injection well permits at the following locations:

No.	Distance from North Line of Section	Distance from East Line of Section
53-B	355.73	1762.25
55-B	355.73	1542.25
57-B	357.17	1322.25
53-D	738.19	1762.25
55-D	737.19	1542.25
57-D	741.52	1322.25

sworn according to law, says that he is the publisher of the Star-Herald, a weekly newspaper of Cass County, Missouri, published continuously for a period of 20 years in Cass County, Missouri, and is familiar with the provisions of the Laws of the State of Missouri and that the notice hereto annexed was published in the Star-Herald for two weeks consecutively, as follows:

of Section 4, Township 46N, Range 33W, Cass County, Missouri.  
 Written comments or requests for additional information regarding such wells should be directed within fifteen (15) days of this notice to: State Geologist, Missouri Oil and Gas Council, P.O. Box 250, Rolla, Missouri 65401.

...50 dated 4/28, 1988

April 28, 1988

- 1st insertion Vol. .... No. .... dated ....., 19.....
- 2nd insertion, Vol. .... No. .... dated ....., 19.....
- 3rd insertion, Vol. .... No. .... dated ....., 19.....
- 4th insertion, Vol. .... No. .... dated ....., 19.....
- 5th insertion, Vol. .... No. .... dated ....., 19.....
- 6th insertion, Vol. .... No. .... dated ....., 19.....

Printer's Fee, \$ 33.00

*Bledsoe*

*[Signature]*  
 Publisher

Subscribed and sworn to before me this 28th day of April

19 88

Witness my hand official seal.

*Dora E. Nation*  
 Notary Public

**RECEIVED**  
 MAY 06 1988

MO Oil & Gas Council  
 Economic Geology

**DORA E. NATION**  
 Notary Public - State of Missouri  
 Commissioned in Cass County  
 My Commission Expires May 5, 1989

Probate Judge





MECHANICAL INTEGRITY TEST REPORT

Test Date: 6-10-03

Operator: TOWN OIL COMPANY  
Contact Person: Lester Town  
Address: 16205 West 287th St. Paola, Ks. 66071  
Phone: 913-294-2125

Lease BEARY Well # 57-B  
County CASS Permit # 20106

TEST INFORMATION:

Type MIT: Pressure  Radioactive Tracer Survey  Temperature Survey

	Run #1	Run #2	Run #3
Start Time:	<u>3:45</u>		
End Time:	<u>4:15</u>		
Length of Test: (Start Time minus End Time)			

Initial Pressure (PSI): 220#  
Ending Pressure (PSI): 185#  
Pressure Change:  
(Initial Pressure minus Ending Pressure) 35

Fluid used for test (water, nitrogen, CO2, ect.): AIR

Comments about test: bled ~130# b-g off, oil @ 93'  
(568-93) x .433 = 205#  
held w/in 9% of calc. pressure of 205#

The bottom of the tested zone is shut in with \_\_\_\_\_  
at a depth of \_\_\_\_\_ ft. In signing the form below, it is certified  
that the above indicated well was tested for mechanical integrity on the  
date shown at the top of this page.

Signed: Stacy P. Hamblake EOR  
Operator Contact Person or Title  
Approved Agent

DO NOT WRITE BELOW THIS LINE

Results were: Satisfactory  Not Satisfactory   
State Agent: Max P. H. Witnessed: Yes  No

REMARKS: \_\_\_\_\_  
Computer Update \_\_\_\_\_ FILE WITH PERMIT!

MECHANICAL INTEGRITY TEST REPORT

Test Date: \_\_\_\_\_

Operator: TOWN OIL COMPANY  
Contact Person: Lester Town  
Address: 16205 West 287th St. Paola, Ks. 66071  
Phone: 913-294-2125

Lease BEARY Well # 57-B  
County CASS Permit # 20106

TEST INFORMATION:

Type MIT: Pressure  Radioactive Tracer Survey \_\_\_\_\_ Temperature Survey \_\_\_\_\_

	Run #1	Run #2	Run #3
Start Time:	<u>3:45</u>	_____	_____
End Time:	<u>4:15</u>	_____	_____
Length of Test: (Start Time minus End Time)	_____	_____	_____

Initial Pressure (PSI): 220#  
Ending Pressure (PSI): 185#  
Pressure Change:  
(Initial Pressure minus Ending Pressure) 35

Fluid used for test (water, nitrogen, CO2, ect.): AIR

Comments about test: bled ~130# b.p. off, oil @ 93'  
(560-93) x .433 = 205#  
held w/in 9% of calc. pressure of 205#

The bottom of the tested zone is shut in with \_\_\_\_\_  
at a depth of \_\_\_\_\_ ft. In signing the form below, it is certified  
that the above indicated well was tested for mechanical integrity on the  
date shown at the top of this page.

Signed: Stacy P. Hamluker EOR  
Operator Contact Person or Approved Agent Title

DO NOT WRITE BELOW THIS LINE

Results were: Satisfactory  Not Satisfactory \_\_\_\_\_  
State Agent: Martin P. ... Witnessed: Yes  No \_\_\_\_\_

REMARKS: \_\_\_\_\_  
Computer Update  FILE WITH PERMIT!

MECHANICAL INTEGRITY TEST REPORT

Test Date: 8-20-98

Operator: TOWN OIL COMPANY  
Contact Person: Lester Town  
Address: 16205 West 287th St. Paola, Ks. 66071  
Phone: 913-294-2125

Lease BEARY Well # 57-B  
County CASS Permit # 20106

TEST INFORMATION:

Type MIT: Pressure  Radioactive Tracer Survey  Temperature Survey

	Run #1	Run #2	Run #3
Start Time:	<u>11:00 am</u>		
End Time:	<u>11:30 am</u>		
Length of Test: (Start Time minus End Time)	<u>30 min</u>		

Initial Pressure (PSI): 200 #  
Ending Pressure (PSI): 195 #  
Pressure Change:  
(Initial Pressure minus Ending Pressure) 5 #

Fluid used for test (water, nitrogen, CO2, ect.): Air

Comments about test:  
Top perf 568', Depth to water 70', 498' total fluid  
498 x .43 = 214 #

The bottom of the tested zone is shut in with float shoe and cement at a depth of 568 ft. In signing the form below, it is certified that the above indicated well was tested for mechanical integrity on the date shown at the top of this page.

Signed: Stirling P. Hommel EO R  
Operator Contact Person or Title  
Approved Agent

DO NOT WRITE BELOW THIS LINE

Results were: Satisfactory  Not Satisfactory   
State Agent: Theodore R. Fint Witnessed: Yes  No

REMARKS: Within reasonable range of calculated pressure, Fluid level  
Computer Update SAS FILE WITH PERMIT! measurement not certain.  
OGC Misc Form 1

MECHANICAL INTEGRITY TEST REPORT

Test Date: 10 Aug 1993

Operator: Town Oil Co.  
Contact Person: Lester Town  
Address: 16205 West 287th St. Paola, Kansas 66071  
Phone: 913-294-2125

Lease BEARY Well # B-57  
County CASS Permit # 20106

TEST INFORMATION:

Type MIT: Pressure      Radioactive Tracer Survey      Temperature Survey     

	<u>Run #1</u>	<u>Run #2</u>	<u>Run #3</u>
Start Time:	<u>2:27</u>	<u>          </u>	<u>          </u>
End Time:	<u>3:06</u>	<u>          </u>	<u>          </u>
Length of Test: (Start Time minus End Time)	<u>39</u>	<u>          </u>	<u>          </u>

Initial Pressure (PSI): 170

Ending Pressure (PSI): 150

Pressure Change:  
(Initial Pressure minus Ending Pressure) 20

Fluid used for test (water, nitrogen, CO2, ect.): air & nitrogen

Comments about test: Perf at 568-595 Fluid Depression test

The bottom of the tested zone is shut in with Float shoe & cement at a depth of 568 ft. In signing the form below, it is certified that the above indicated well was tested for mechanical integrity on the date shown at the top of this page.

Signed: 568 Stehly P. Hornbuckle EOR  
Operator Contact Person or Title  
Approved Agent

DO NOT WRITE BELOW THIS LINE

Results were: Satisfactory  Not Satisfactory   
State Agent: E. K. Witnessed: Yes  No

REMARKS: \_\_\_\_\_  
Computer Update 9/7/93 CK FILE WITH PERMIT!



# EMERY ENERGY, INC.

225 North State Street  
Salt Lake City, Utah 84103  
(801) 531-8770

June 14, 1984

RECEIVED

JUN 21 1984

Missouri Department of Natural Resources  
P.O. Box 250  
Rolla, MO. 65401  
Attn: Mr. Bruce W, Netzler, Geologist

MO. OIL & GAS COUNCIL

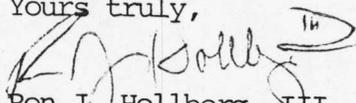
Dear Mr. Netzler,

I am in receipt of your letter requesting an interpretation of the log reports submitted to your office in 1981 by our company covering wells on the Beary Lease, Cass County, Missouri. In 1982-83 we basically shut down our operations in the Kansas/Missouri area and let the people go who were responsible for both the drilling of these wells and the Government reports. I have looked over the logs and our in-house geologist here in Salt Lake has examined it also but we are unable to come up with the answers. The fact is that no one is around who was there to observe the way the formations lay, so I don't know ~~how~~ we can clear up the matter.  
how

If 3½ years hadn't passed I'd have confidence that maybe we could tack something down, but now I believe it is too late.

I'm sorry I wasn't able to help you in getting this cleared up. Please feel free to call if you have any other questions.

Yours truly,

  
Ron J. Hollberg, III  
Production Dept.

RJH/rh