

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

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 KS 66071
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Agjes Well number C-6 Elevation (ground) 1083

WELL LOCATION (give footage from section lines)
547 ft. from (N) sec. line 559 ft. from (E) sec. line

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

Nearest distance from proposed location to property or lease line: 488 feet
Distance from proposed location to nearest drilling, completed or applied for well on the same lease: 191 feet

Proposed depth: 680 Drilling contractor, name & address: _____ Rotary or Cable Tools: Approx. date work will start: see note

Number of acres in lease: 110
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

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 and Approved casing table with columns for amt., size, wt./ft., and cem.

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: Lester Town

Permit Number: 20175

Approval Date: 12/6/85

Approved By: Wallace B. Howe BMW

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

- Drillers log required
 Drill stem test info. required if run
 E-logs required if run
 Samples required
 Core analysis required if run
 Samples not required

RECEIVED

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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 Emery Energy, Inc. DATE 4-13-81

R. R. 1 Box 390 Osawatomie Kansas 66064
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Asjes, Everet</u>	Well number <u>8-6</u>	Elevation (ground) <u>1083</u>	
WELL LOCATION (give footage from section lines) <u>547</u> ft. from (N) <input checked="" type="checkbox"/> sec. line <u>559</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>547</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>191</u> feet.	
Proposed depth: <u>680</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>4-20-81</u>	
Number of acres in lease: <u>110</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>7</u> Number of abandoned wells on lease: <u>0</u>		
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>McGowan Drilling</u> Address <u>Mound City, Kansas</u>		No. of Wells: producing <u>1</u> inactive <u>0</u> abandoned <u>0</u>	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>20,000</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>20</u>	<u>7"</u>	<u>30#</u>	<u>no</u>
<u>660</u>	<u>2-3/8</u>	<u>4.5</u>	<u>yes</u>
I, the undersigned, state that I am the <u>V-President</u> of the <u>Emery Energy, Inc.</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>Devan M. Herat</u>			

Permit Number 20175

Approval Date: 5/5/81
Approved By: J.R.S. Wallace B. Herat RECEIVED

APR 09 1981

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

Note: This Permit not transferable to any other person or to any other location. WATER SAMPLES REQUIRED @:

Remit two copies to: Missouri Oil and Gas Council, P.O. Box 250 Rolla, Mo. 65401. MO. OIL & GAS COUNCIL
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.

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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: **Emerg Energy** Address: **RR1 Box 390 Osawatomie, Mo**
 Lease Name: **Asjes** Well Number: **60064**
C-6

Location: **547' F.N.L 4 559' FEL** Sec. - TWP-Range or Block & Survey: **4 46N 33W**

County: **Cass** Permit number (OGC3 number): **20175**

Date spudded: **7-7-81** Date total depth reached: **7-8-81** Date completed, ready to produce: **9-3-81** Elevation (DF, RKB, RT or Gr.): **1083 feet** Elevation of casing hd. flange: **Same as feet**

Total depth: **6340** P. B. T. D.: **629.5** Surface

Producing interval (s) for this completion: **592 - 599** Rotary tools used (interval): From **0** to **TD** Cable tools used (interval): From **None**

Was this well directionally drilled? **NO** Was directional survey made? **NO** Was copy of directional survey filed? **NO** Date filed:

Type of electrical or other logs run (list logs filed with the State Geologist): **E-Log - GR - SP - Resistivity - Resistance** Date filed: **4/5/82**

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"	6 1/4"		30	None	
Production	5 1/4"	2"		636.50	83	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
None in.	ft.	ft.	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
1	1 1/16 glass	592 to 599'	Water Gel - sand - sand -	clay - stab. -

INITIAL PRODUCTION

Date of first production: **1-14-82** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): **#5 Churchill Pumping - see monthly production Report**

Date of test	Hrs. tested	Hook size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
None	Na	Na	Na bbls.	Na MCF	Na bbls.	26 API (Corr.)
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
0	0		2 bbls.	1001 MCF	10 bbls	0

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

Method of disposal of mud pit contents: **Hauled away**

CERTIFICATE: I, the undersigned, state that I am the **V-Pres.** of the **Emerg Energy** (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.

Deion M. Hurst
Signature

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APR 22 1982

MO. OIL & GAS COUNCIL

Remit two copies: one will be returned:

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MAY 03 1982

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APR 12 1982

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0-4	soil
4-11	clay
11-43	lime
43-46	shale
46-50	lime
50-77	shale
77-88	lime
88-94	shale
94-96	carb shale
96-108	shale
108-114	carb shale
114-120	shale
120-124	carb shale
124-151	lime
151-169	shale
169-202	lime
202-206	carb shale
206-230	lime
230-233	carb shale
233-243	lime (hertha)
243-245	shale
245-251	lime
251-344	shale
344-356	sand
356-378	shale
378-390	sand
390-423	shale
423-427	lime
427-432	carb shale
432-436	lime
436-440	carb shale
440-443	lime
443-458	sand
458-465	shale
465-473	lime
473-476	carb shale
476-480	sand
480-519	shale
519-538	sand
538-590	shale
590-602	sand
602-615	shale
615-620	lime
620-640	shale TD