

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR Town Oil Co. DATE July 31, 1980

R. R. #4 Paola Kansas 66071  
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Duncan</u>	Well number <u>1</u>	Elevation (ground)	
WELL LOCATION (give footage from section lines) <u>2141</u> ft. from (N) <input checked="" type="checkbox"/> sec. line <u>1475</u> ft. from <input checked="" type="checkbox"/> (W) sec. line			
WELL LOCATION Section <u>33</u> Township <u>44</u> Range <u>33</u>			County <u>Cass</u>
Nearest distance from proposed location to property or lease line: <u>165</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>none on lease</u> feet	
Proposed depth: <u>Approx. 450 ft.</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>When approved</u>	
Number of acres in lease: <u>179</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: _____ Number of abandoned wells on lease: <u>unknown</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>\$20,000.00</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. <u>450'</u>	size <u>2"</u>	wt./ft. <u>3.75</u>	cem. <u>to surface</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>Partner</u> of the <u>Town Oil 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>Lester Town</u>	

Permit Number: 20083

Approval Date: August 6, 1980

Approved By: Wallace B. Howe  
NNA

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. 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.

SAMPLES REQUIRED

SAMPLES NOT REQUIRED AUG 06 1980

MO. OIL & GAS COUNCIL

WATER SAMPLES REQUIRED @:

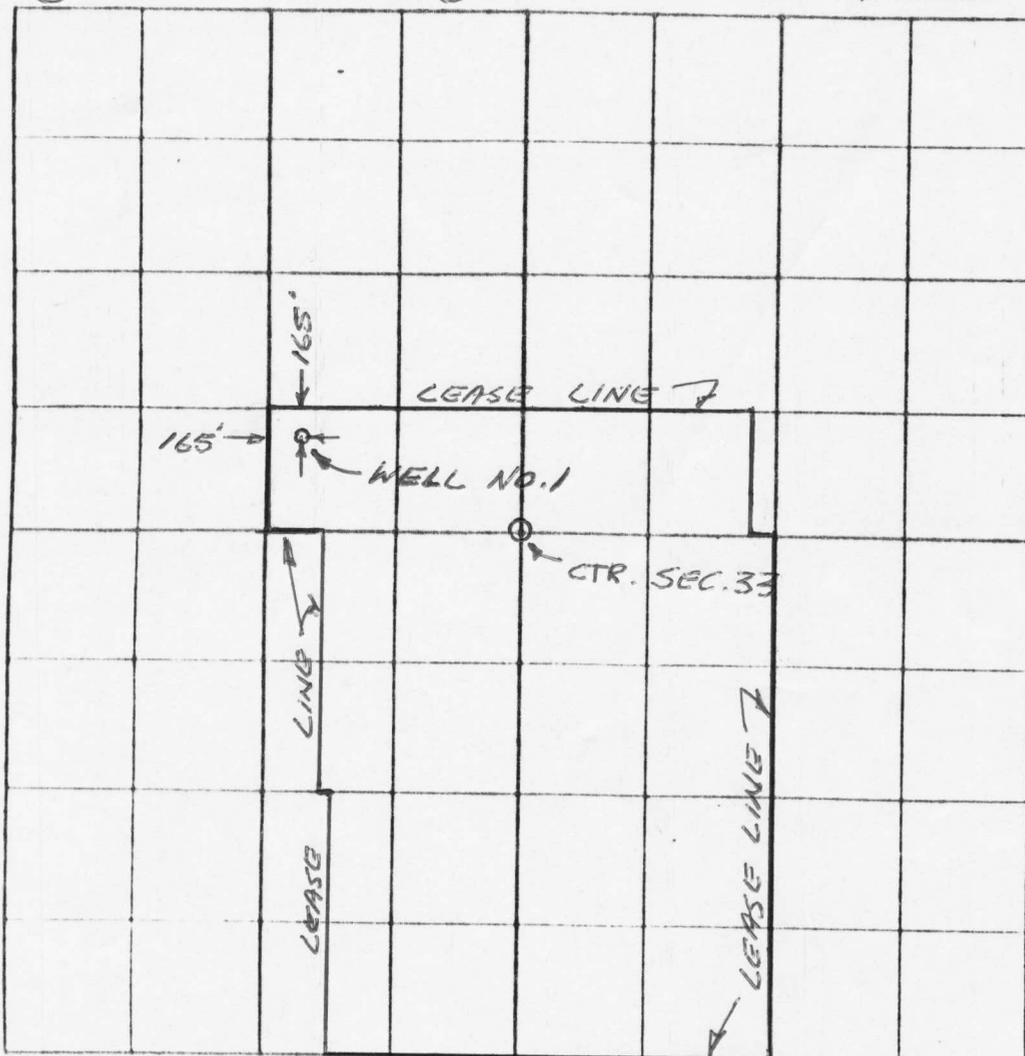
WELL LOCATION PLAT

Owner: LEE DEWAYNE DUNCAN

Lease Name: LEE DEWAYNE DUNCAN

County, CASS

2141 feet from (NW) (SE) line and 1475 feet from (E) (W) line of Sec. 33 Twp. 44 Range 33



SCALE  
1" = 1000'

REMARKS: LEASOR: TOWN OIL CO.  
PAOLA, KANSAS

WELL NO. 1

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

JUL 25 1980

MO. OIL & GAS COUNCIL

(SEAL)

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P.O. Box 250 Rolla, Mo. 65401  
One will be returned.

*Edward J. Shaw*  
Registered Land Surveyor

MISSOURI OIL AND GAS COUNCIL  
PLUGGING RECORD

Form OGC-7

Owner <b>Town Oil Co.</b>	Address <b>Rt. 4 Paola, KS. 66071</b>
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Name of Lease <b>Duncan</b>	Well No. <b>1</b>
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Location of Well <b>2141' from N. sec. line 1475' from W. sec. line 33-44-33</b>	Sec-Twp-Rge or Block & Survey <b>33-44-33</b>	County <b>Cass</b>
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Application to drill this well was filed in name of <b>Town Oil Co.</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____	Dry? <b>Dry</b>
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Date Abandoned: <b>8-22-80</b>	Total depth <b>513</b>	Amount well producing prior to abandonment. Oil (bbls/day) <b>None</b> Gas (MCF/day) <b>None</b>	Water (bbls./day) <b>None</b>
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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.
		Spotted 5 sacks cement at 195 feet	
		Ran 10 sacks cement at 45 feet on rock and brush bridge	

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
	Surface cut off below plow depth				

Was well filled with mud-laden fluid?	Indicate deepest formation containing fresh water.
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**NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

Name	Address	Direction from this well:

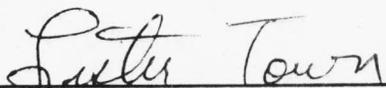
Method of disposal of mud pit contents: **Covered with dirt**

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

CERTIFICATE: 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.

**RECEIVED**

**MAR 19 1982**

  
 \_\_\_\_\_  
 Signature

**MO. OIL & GAS COUNCIL**

Remit two copies; one will be returned

**TOWN OIL CO.**

"Purchaser of Crude Oil"

RECEIVED

MAR 19 1982

Route 4  
Paola, Kansas 66071

MO. OIL & GAS COUNCIL

913-294-2854  
913-294-4232

WELL LOG

Well No. 1  
Farm: Frank Duncan  
Cass County, Missouri

Thickness of Strata	Formation	Total Depth	
2	Surface Soil	2	
2	surface rock	4	
13	lime	17	
8	shale & slate	25	
18	lime	43	
6	shale & slate	49	
2	lime	51	
2	shale & slate	53	
6	lime	59	Hertha
2	shale & slate	61	
7	sand	68	
7	shale	75	
4	dark shale	79	
7	sand	86	
1	lime	87	
12	sand	99	
81	shale	180	
13	sand	193	
4	shale	197	
55	shale	252	
5	lime	257	
8	lime shells	265	
2	lime	267	
5	shale	272	
11	lime	283	
4	sand	287	
11	dark shale	298	
4	lime	302	
3	shale & slate	305	
11	shale	314	
5	sand	319	
23	lime	342	
6	shale	348	
7	lime	355	
1	slate	356	
21	lime shells	377	
3	slate	380	
4	shale	388	
6	lt. shale	394	
9	shale & shells	402	

Well No. 1  
Frank Duncan  
Cass County, Missouri

Continued

Thickness of Strata	Formation	Total Depth
1	slate	403
35	shale	438
3	shale & shells	441
1	slate	442
5	lime	447
6	lime & shells	453
5	shale & shells	458
1	coal	459
2	shale & shells	461
3	shale	464
3	lt. shale	467
12	red bed	479
9	shale	488
10	shale & shells	498
6	sandy shale	504
9	dark shale	513
	TOTAL DEPTH	513

Permit #: 20083

Date Issued: 8-6-80

County: Cass

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

CONFIDENTIAL UNIT#: \_\_\_\_\_

Date Plugged: 8-22-80

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	8-6-80
3i	
4	7-25-80
4i	
5	
6	
7	3-19-82
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data: