

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Town Oil Co. DATE 1 Jan 76

RFD #4 Address Paola, Ks City Kansas State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Walton</u>	Well number <u>20</u>	Elevation (ground) <u>1040</u>	
WELL LOCATION (give footage from section lines) <u>2229'</u> ft. from (N) (S) sec. line <u>2383'</u> ft. from (E) (W) 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>173</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>238'</u> feet	
Proposed depth: <u>600</u> <u>600</u>	Rotary or Cable tools <u>Cable</u>	Approx. date work will start <u>When permit is returned</u>	
Number of acres in lease: <u>Approx 85</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>17</u> Number of abandoned wells on lease: <u>none</u>		
If lease, purchased with one or more wells drilled, from whom purchased:	Name <u>Harry Knoche</u> Address <u>Belton Mo.</u>	No. of Wells: producing _____ inactive <u>all</u> abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>10,000.00</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>Approx. 20'</u>	<u>of 8"</u>	<u>surface</u>	<u>none</u>
<u>Approx. 550'</u>	<u>of 7"</u>		<u>none</u>
<u>Approx. 600'</u>	<u>of 4"</u>		<u>20 sacks</u>
I, the undersigned, state that I am a <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>Leta Town</u>			

Permit Number: 20022
Approval Date: 6 January 1976
Approved By: Wallace B. Davis

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
One will be returned.

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JAN 05 1976
MO. OIL & GAS COUNCIL

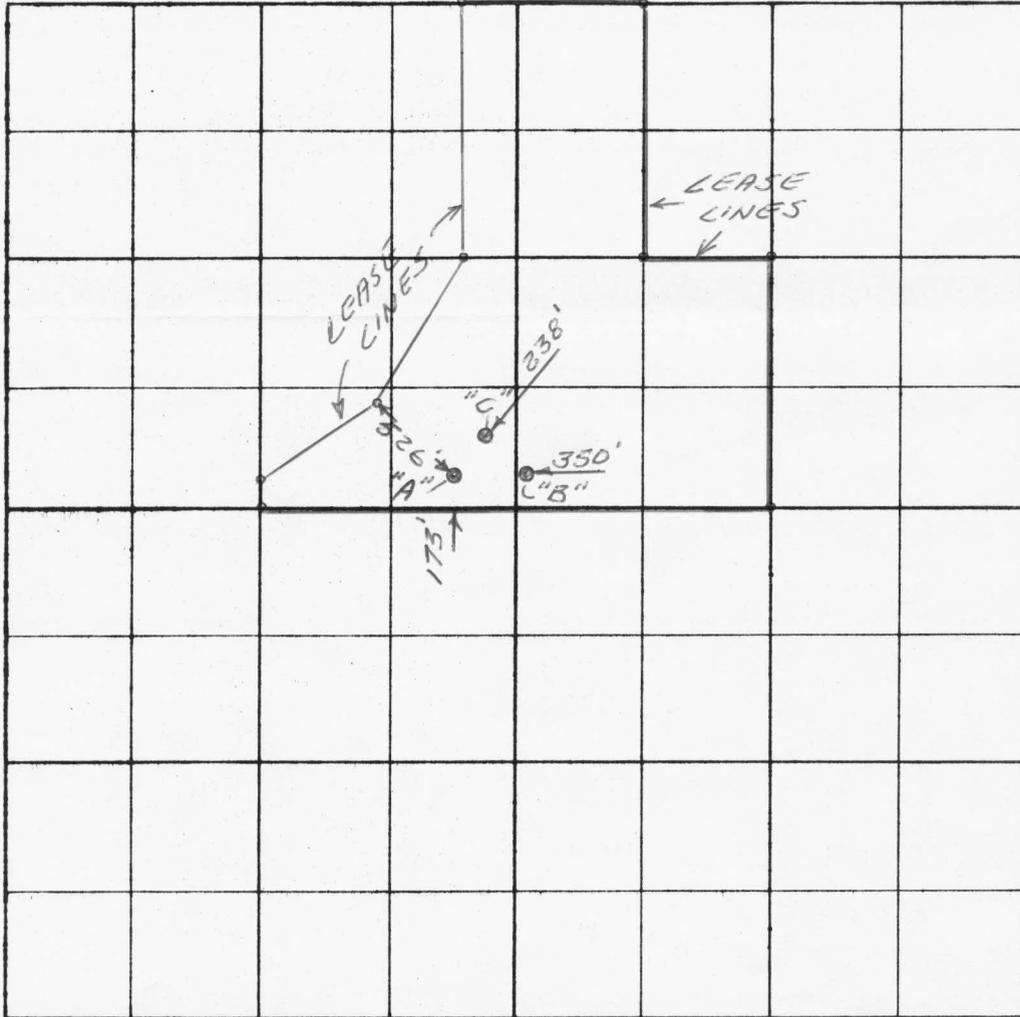
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC - 4

Owner: Town Oil Co.

Lease Name: Walton County, Cass

2229' feet from (N) - (S) line and 2383' feet from (E) - (W) line of Sec. 4 Twp. 46 Range 33



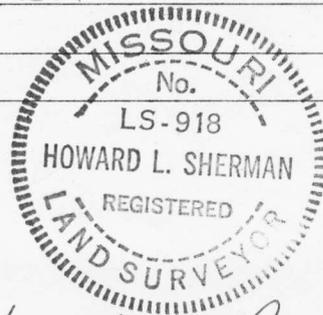
SCALE
1" = 1000'

REMARKS: "A" Represents proposed well
"B" " existing producing well
"C" " Injection well

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.

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(SEAL)

Howard L. Sherman

Registered Land Surveyor

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MISSOURI OIL AND GAS COUNCIL

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

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Form OGC-5
MAR 01 1976
MO. GEOL. SURV. Oil Gas Dry

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir

Owner Town Oil Co.		Address R. R. #4, Paola, Kansas 66071			
Lease Name F. M. Walton		Well Number 20			
Location 2229 ft. N & 2383 ft. W		Sec. -- TWP-Range or Block & Survey Sec. 4, Twp. 46, Rg. 33			
County Cass	Permit number (OGC3 number) 222				
Date spudded 1-21-76	Date total depth reached 2-12-76	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) 1040 feet	Elevation of casing hd. flange 550 feet	
Total depth 550 ft.	P. B. T. D.				

Producing interval (s) for this completion 502 - 512 537-550		Rotary tools used (interval) From _____ to _____ Drilling Fluid used _____		Cable tools used (interval) From 0' to 550'	
Was this well directionally drilled? No	Was directional survey made? No	Was copy of directional survey filed? No	Date filed No		
Type of electrical or other logs run (list logs filed with the State Geologist) Electric Log; Will be sent when copies are received from Logger					Date filed

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	Am't pulled
Surface	8"	8"		20 ft.		Pulled
Intermediate	8"	6 1/4"		456 ft.		Pulled
Producing	6 1/4"	4 1/2"		535 ft.	20 sacks	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 in.	540 ft.	----- ft.	----- in.	----- ft.	----- ft.	-----	-----

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
Open hole	-----	537'-550'	1 bbl. acid; frac 70 bbl. Oil; 4000# sand	
1	1/2"	502-512'	11 shots; 2 bbls. acid; 100 bbls. frac oil & 400# sand	

INITIAL PRODUCTION

Date of first production Will use artificial lift; No production at this time		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)				
Date of test	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 hr.	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:

Covered with dirt.

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 0 1 1976
MO. OIL & GAS COUNCIL

Lester Town
Signature

Formation	Top	Bottom	Description*
Soil	0	4	
Lime	4	14	
Shale	14	43	
Lime	43	52	
Shale	52	70	
Red Bed	70	80	
Lime	80	86	
Shale	86	129	
Lime	129	131	
Shale	131	139	
Lime	139	167	
Shale & Slate	167	173	
Lime	173	194	Bethany Falls -
Shale & Slate	194	198	
Lime	198	200	
Shale	200	202	
Lime	202	209	(Hertha)
Shale	209	316	
Sand	316	322	(Little gas)
Shale	322	365	
Red Bed	365	370	
Shale	370	386	
Lime	386	388	(Brown)
Shale	388	390	
Lime	390	393	
Shale	393	404	
Lime	404	411	
Shale	411	431	
Lime	431	435	
Shale & Slate	435	440	(Water)
Sand	440	454	
Shale	454	456	S.L.M. 454 Set 6 1/4" 456 ft.
Lime	456	458	
Shale	458	480	
Lime	480	482	
Shale	482	499	Started coreing 507 ft.
Sand	499	550	

418-28

*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.

Permit #: 20022

Date Issued: 1-6-76

County: Cass

Date Cancelled: _____

CONFIDENTIAL, UNTIL: _____

Date Plugged: _____

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	1-5-76
3i	
4	1-5-76
4i	
5	3-1-76
6	
7	
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data:

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Town Oil Co. DATE 1 Jan 76

RFD #4 Paola, Ks Kansas
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Walton</u>	Well number <u>20</u>	Elevation (ground) <u>1040</u>	
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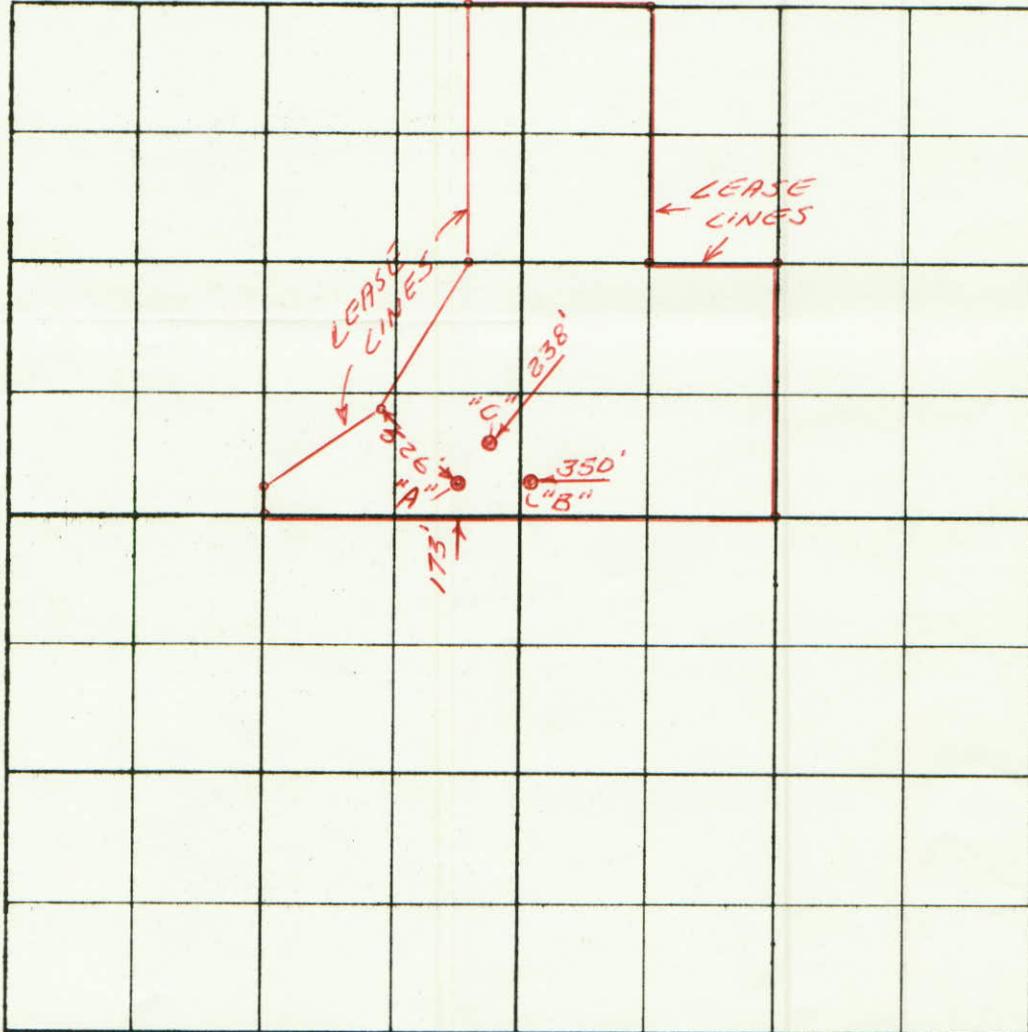
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Lease Name: Walton County, Cass

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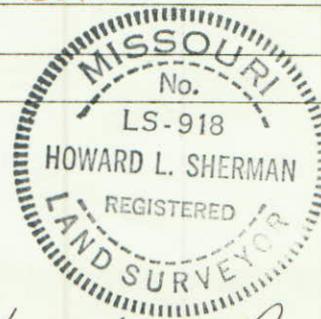
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JUN 05 1976

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Owner: **Town Oil Co.** Address: **R. R. #4, Paola, Kansas 66071**

Lease Name: **F. M. Walton** Well Number: **20**

Location: **2229 ft. N & 2383 ft. W** Sec. -- TWP-Range or Block & Survey: **Sec. 4, Twp. 46, Rg. 33**

County: **Cass** Permit number (OGC3 number): **222**

Date spudded: **1-21-76** Date total depth reached: **2-12-76** Date completed, ready to produce: **1040** Elevation (DF, RKB, RT or Gr.) feet: **1040** Elevation of casing hd. flange: **550** feet

Total depth: **550 ft.** P. B. T. D.

Producing interval (s) for this completion: **502 - 512 537-550** Rotary tools used (interval) From _____ to _____ Cable tools used (interval) From **0'** to **550'** Drilling Fluid used _____

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

Type of electrical or other logs run (list logs filed with the State Geologist): **Electric Log; Will be sent when copies are received from Logger** Date filed: _____

CASING RECORD

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Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
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INITIAL PRODUCTION

Date of first production: _____ Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump.): **Will use artificial lift; No production at this time**

Date of test	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'ed rate of Production per 24 hr.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

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

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Lester Town
Signature

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

OWNER'S NAME Kansas Resource Exploration & Development, LLC		ADDRESS 9393 W 110th Street, Ste. 500			
NAME OF LEASE Walton		WELL NUMBER 20	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 037-20022		
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 4 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE N38 50.377	LONGITUDE W94 34.551	COUNTY Cass	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Town Oil Company		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) 5	GAS (MCF/DAY) 0	DRY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
DATE OF ABANDONMENT 01/01/2013	TOTAL DEPTH 550'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) 0.10		GAS (MCF/DAY) 0	
WATER (BBL/DAY) 1					
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.	
Squirrel Sandstone		Oil and Water	502-550	Squeezed 118 sks of Portland from surface to 550', topped off the well with 5 additional sks of Portland, shut in with 2" valve	
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
4 1/2"	535'	0	535'	N/A	None
WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		INDICATE DEEPEST FORMATION CONTAINING FRESH WATER None			
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
NAME		ADDRESS		DIRECTION FROM THIS WELL	
Maclaughlin, J.R. and A		1103 W47th, Apt B Kansas City, MO 64112		West	
Beary, Helen		28 Briar Oaks Ln Reeds Springs, Mo 65737		East	
Michael Effertz Farms LLC		16401 HOLMES RD, BELTON, MO 64012		South	
Colt Energy, Rhoden Lease		4330 Shawnee Mssn Pky Fairway ks 66205		North	
METHOD OF DISPOSAL OF MUD PIT CONTENTS		There was no pit used in this process, cement was squeezed directly down the well			
NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)					
<p>CERTIFICATE I, the undersigned, state that I am the _____ of the _____ (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.</p>					
SIGNATURE 					DATE 01/17/2013