



STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED FORM OGC-3

APR 11 2013

Mo Oil & Gas Council

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL OR GAS WELL

NAME OF COMPANY OR OPERATOR: Town Oil Company DATE: 04/11/2013
ADDRESS: 16205 West 287th Street CITY: Paola STATE: KS ZIP CODE: 66071

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: Barngrover WELL NUMBER: 76 ELEVATION (GROUND): 900

WELL LOCATION: 495 ft. from North South section line (GIVE FOOTAGE FROM SECTION LINES) 1485 ft. from East West section line

WELL LOCATION: Sec. 28 Township 44 North Range 33 East West LATITUDE: 38.591967 LONGITUDE: 94.567139 COUNTY: CASS 037

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 495 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: 700 FEET

PROPOSED DEPTH: 600 DRILLING CONTRACTOR, NAME AND ADDRESS: Company Tools ROTARY OR CABLE TOOLS: Rotary APPROX. DATE WORK WILL START: 04/12/2013

NUMBER OF ACRES IN LEASE: 280 NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 0
NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME: _____ ADDRESS: _____ NO. OF WELLS PRODUCING: 0
INJECTION: 0
INACTIVE: 0
ABANDONED: 0

STATUS OF BOND SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT \$ 80,000.00 ON FILE ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PM=215'

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	6 1/4"	14	3	<u>20'</u>	<u>6 1/4"</u>	<u>14</u>	
600'	2 7/8"	6.5	42	<u>600'</u>	<u>2 7/8"</u>	<u>6.5</u>	
				<u>Cement Full Length</u>			

I, the Undersigned, state that I am the President 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 DATE: 04/11/2013

PERMIT NUMBER: 21226 DRILLER'S LOG REQUIRED LOGS REQUIRED IF RUN
 CORE ANALYSIS REQUIRED IF RUN DRILL SYSTEM TEST INFO REQUIRED IF RUN
APPROVED DATE: 4-11-13 SAMPLES REQUIRED
APPROVED BY: Joseph A. Millman SAMPLES NOT REQUIRED
 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: _____



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

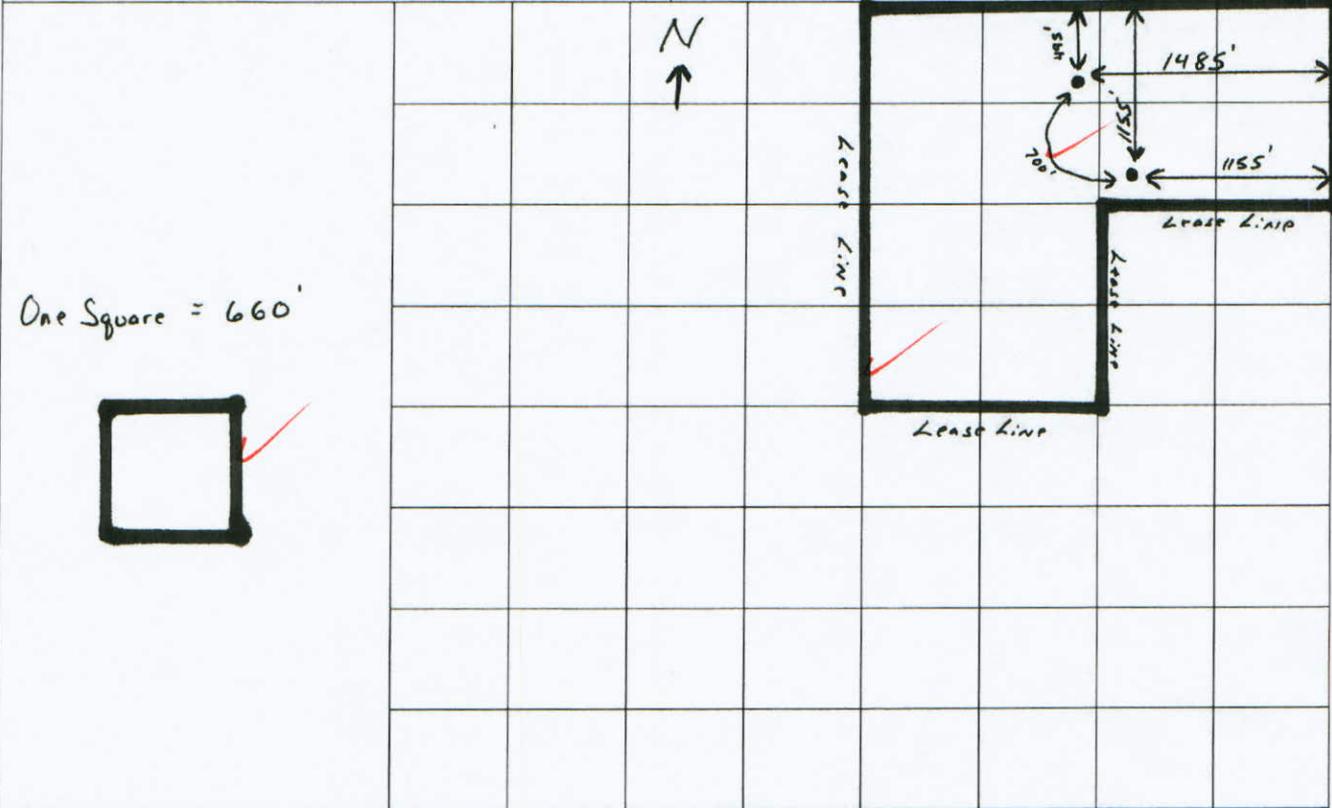
RECEIVED

FORM OGC-4

APR 11 2013

Mo Oil & Gas Council

OWNER'S NAME Dean Barngrover	
LEASE NAME Barngrover	COUNTY CASS
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 495 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South from section line 1485 ft. from <input checked="" type="checkbox"/> East <input type="checkbox"/> West from section line	
WELL LOCATION Sec. 28 Township 44 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West	
LATITUDE 38.591967	LONGITUDE 94.567139



REMARKS

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
GEOLOGICAL SURVEY PROGRAM
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER

RECEIVED

APR 09 2013

Mo Oil & Gas Council

Town Oilfield Service, Inc.
PO Box 339
Louisburg, KS 66053
(913) 837-8400
(913) 837-3997 Fax

To: Attn: Oil & Gas # of Pages Cover + 2
(573) 368-2111

From: ~~Lori Driskell~~
Lane Town (913) 980-2100

Re: Applications for Permit to Drill

To whom it may concern,

I was dealing with Kyle before however not sure who I need to deal with now. I was hoping to have this intent approved today, we are wanting to start drilling in the morning. Could someone call me today, cell # is (913) 980-2100. I would like to know how quickly it can get approved.

Thanks

Lane Town



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

FORM OGC-7

OWNER'S NAME Town Oil Company, Inc.				ADDRESS 16205 West 287th St.			
NAME OF LEASE Barngrover				WELL NUMBER 76		PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 037-21226	
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 28 Township 44 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE 38.591967		LONGITUDE 94.567139	COUNTY Cass
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Town Oil Company, Inc.			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 (BBLS/DAY) 0		GAS (MCF/DAY) 0	DRY? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
DATE OF ABANDONMENT 05/17/2013		TOTAL DEPTH 562'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) 0		GAS (MCF/DAY) 0	WATER (BBLS/DAY) 0	
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.		
Knobtown		Oil/H2O	106 - 108		Well filled with 60/40 POZ to surface		
Wayside		Oil/H2O	202 - 248		Well filled with 60/40 POZ to surface		
Cattleman		Oil/H2O	450 - 465		Well filled with 60/40 POZ to surface		
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	
6.25	21'	0	21'	N/A		N/A	
WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			INDICATE DEEPEST FORMATION CONTAINING FRESH WATER Hertha Limestone				
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE							
NAME		ADDRESS			DIRECTION FROM THIS WELL		
None							
METHOD OF DISPOSAL OF MUD PIT CONTENTS		Air dry and fill with dirt.					
NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)							
CERTIFICATE I, the undersigned, state that I am the <u>Pres.</u> of the <u>TOC</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 <i>Reetha Town</i>						DATE 08/19/2013	

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * BELOW)
			SEE ATTACHED DRILLERS LOG

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.
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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.
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Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals $D^2 \times h \times 14$

D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004

BPH - barrels per hour

PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave

* d - Diameter of Engine Sheave

SPM - Strokes per minute

RPM - Engine Speed

R - Gear Box Ratio

*C - Shaft Center Distance

D - RPMxd over SPMxR

d - SPMxRxD over RPM

SPM - RPMXD over RxD

R - RPMXD over SPMxD

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length.

WATTS = AMPS

VOLTS

746 WATTS equal 1 HP

Log Book

Well No. # 76

Farm Bamgrover

Ma. (State) Cass (County)

28 (Section) 44 (Township) 33 (Range)

For T.O.C. (Well Owner)

**Town Oil
Company, Inc.**

16205 W. 287th St.

Paola, KS 66071

913-294-2125

Thickness of Strata	Formation	Total Depth	Remarks
6	Soil clay	6	
30	Lime	36	interest
7	Shale slate	43	w shale breaks & gravel
21	Lime	64	
7	Shale slate	71	Bethany Falls
1	Lime	72	
3	Shale slate	75	
5	Lime	80	K.C.
4	Shale	84	Hertha
5	Sandy-lime	89	Knobtown
17	Sandy shale	106	green no show
2	Sand	108	grey
87	Shale	195	oil show & odor
4	sandy lime	199	
3	Sand	202	laminated OK odor & show
46	Shale	248	green no show
3	sandy lime	251	Brown no show
9	Shale	260	w/lime streaks
5	sandy lime	265	slight oil show & odor
15	sandy shale	280	green
3	Red Bed	283	
1	shale	284	wf fossils
4	Lime	288	
16	Shale	304	
3	Lime	307	
2	shale	309	
12	lime	321	slight odor

321

Thickness of Strata	Formation	Total Depth	Remarks
3	sand	324	Black No odor or show
11	shale	335	grey
3	Lime	338	
13	shale	351	
1	Lime	352	
3	Sandy shale	355	
20	Lime	375	w shale streaks
11	shale	386	
1	Lime	387	Brown
3	shale	390	
5	slate	395	
3	Lt shale	398	
4	Lime	402	grey
7	shale	409	
1	Lime	410	
5	shale	415	DARK
6	shale	421	
11	slate	432	
18	sandy shale	450	Lt grey
15	sand	465	solid slight oil show no odor
3	sandy shale	468	
3	Lime	471	
15	shale	486	
2	sand	488	
8	Sandy shale	496	White solid No Show
10	Red bed	506	green
56	shale	562	green T.D.

