

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR TIPPERARY SYNCRUDE, INC. DATE 7-17-74
500 WEST ILLINOIS MIDLAND TEXAS 79701
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Gardner</u>	Well number <u>1</u>	Elevation (ground) <u>966.5'</u>	
WELL LOCATION (give footage from section lines) <u>40</u> ft. from (N) XX sec. line <u>80</u> ft. from (E) XX sec. line			
WELL LOCATION Section <u>13</u> Township <u>33N</u> Range <u>30W</u>			County <u>Barton</u>
Nearest distance from proposed location to property or lease line: <u>40</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>---</u> feet	
Proposed depth: <u>73'</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>7-23-74</u>	
Number of acres in lease: <u>200</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>0</u> Number of abandoned wells on lease: <u>-</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>-</u> Address <u>-</u>		No. of Wells: producing <u>-</u> inactive <u>-</u> abandoned <u>-</u>	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input type="checkbox"/> Amt. _____ <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>None</u>			
I, the undersigned, state that I am the <u>Vice-President</u> of the <u>TIPPERARY SYNCRUDE, 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>Bernard Gould</u>			

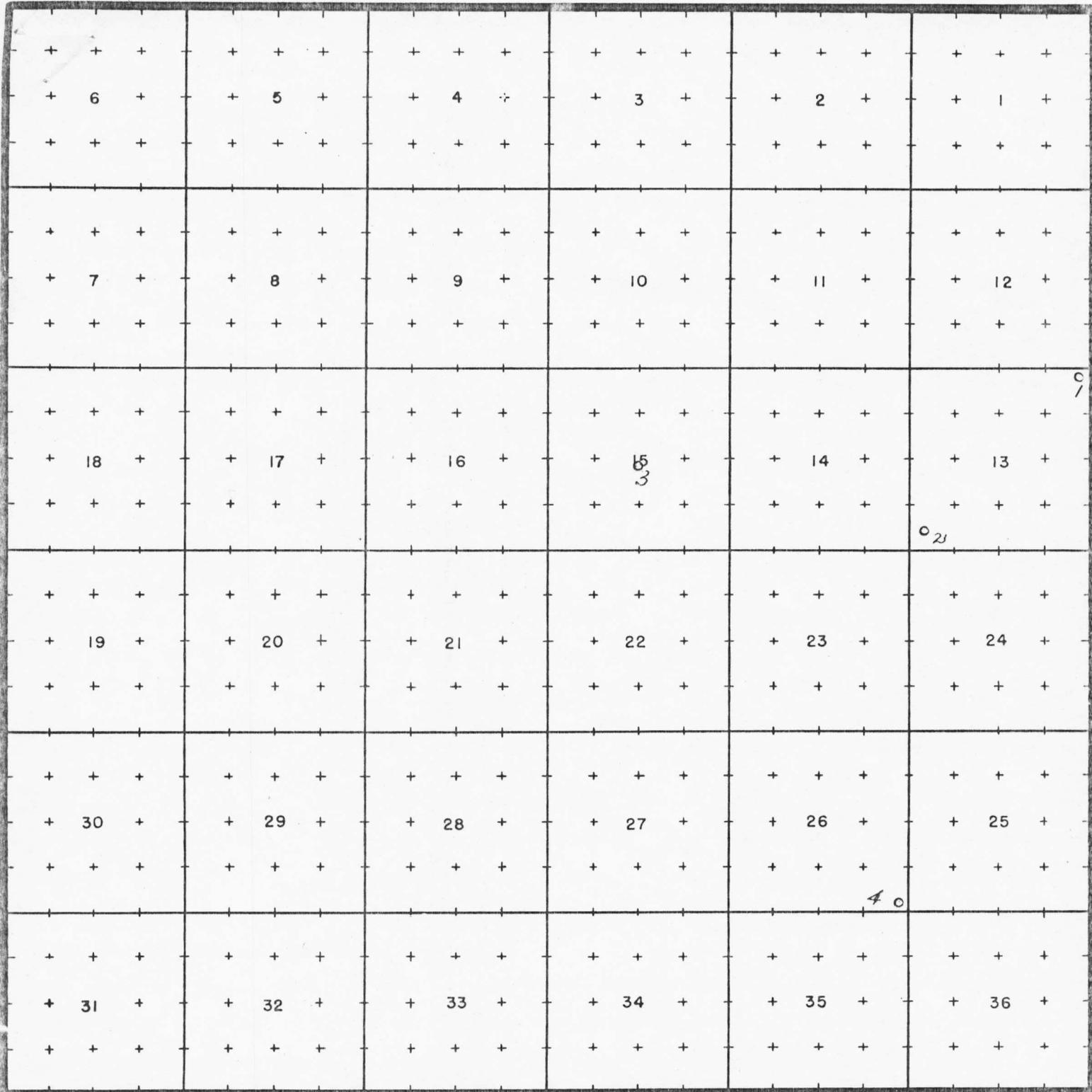
Permit Number: 20001
 Approval Date: 1974
 Approved By: Wallace B. Hunt

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.

RECEIVED
 OCT 15 1974
 MO. OIL & GAS COUNCIL

WATER SAMPLES REQUIRED @:



County BARTON State MISSOURI

Section _____ Township 33N Range 30W

Remarks: CORE HOLE LOCATIONS

Scale 1" = 4000'

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

Owner TIPPERARY SYNCRUDE, INC.		Address 500 W. ILLINOIS, MIDLAND, TEXAS 79701	
Name of Lease Gardner		Well No. 1	
Location of Well 40' FNL & 80' FEL		Sec-Twp-Rge or Block & Survey Sec. 13, T33N, R30W	County Barton
Application to drill this well was filed in name of Same		Has this well ever produced oil or gas No	Character of well at completion (initial production) Oil (bbls/day) Gas (MCF/day) --- ---
Date Abandoned: July 23, 1974		Total depth 73'	Amount well producing prior to abandonment. Oil (bbls/day) Gas (MCF/day) --- ---
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

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.
NONE			SEE ELECTRIC LOG	NONE

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
None					

Was well filled with mud-laden fluid? Yes	Indicate deepest formation containing fresh water. None
---	---

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: **Filled in. Mud pumped in hole & top plugged off**

Use reverse side for additional detail.
File this form in duplicate with **with rock, sand and soil.**

CERTIFICATE: I, the undersigned, state that I am the Vice-President of the Tipperary Syncrude, 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.

JUL 06 1976
MO. OIL & GAS COUNCIL

OCT 15 1974
MO. OIL & GAS COUNCIL

RECEIVED
DEC 08 1975
MO. OIL & GAS COUNCIL

Ben D. Gould
Signature **Ben D. Gould**

TIPPERARY SYNCRUDE, INC.
TAR SAND CORE HOLES
BARTON COUNTY, MISSOURI

<u>Well No.</u>	<u>Total Depth</u>	<u>Date Drilled</u>	<u>G.L. Elev.</u>	<u>Location</u>		
1	73'	7-23-74	966.5	80' FEL & 40' FNL,	Sec. 13	T33N R30W
2	85'	7-24-74	968.0	420' FSL & 250' FWL	Sec. 13	T33N R30W
3	95'	7-24-74	974.6	2580' FSL & 2650' FEL	Sec. 15	T33N R30W
4	128'	7-26-74	1002.8	90' FEL & 50' FSL	Sec. 26	T33N R30W

THE HERB EXPLORATION CO.

DRILLING
TIME LOG

Date July 22 1944

Company Topperary Corp.

Prospect or Lease Bearcat

Core Hole Number TC-1

Depth In Feet		Time			Time Lost	Remarks
From	To	Begin	End	Actual		
0	14	2:15	2:30			OIL SD 13
14	15	3:00	3:10	5	5	dark sd core #1 oil sd
	16		3:15	5		oil sd POSS TAT SD
	17		3:22	7		oil sd sd
	18	3:40	3:50	10		Dark sh core #2
	19		4:05	15		
	20		4:15	10		Dark sh
	21	4:25	4:37	12		sh core #3
	22		4:50	17		sh
22	23	7:20	7:32	12		core #4 black shale July 23
	24		7:50	18		black shale
						Drill Note from 17' to 48'
						blk shale 41' to 46' barren sd -
						Makes 29' of separating overburden
						black shale
24	30					black shale
30	41					white & gry cdy shale
41	46					dk sd w/ show oil (approx 2')
46	48					core #5 Dark sd oil stain
48	49	9:00	9:09	7		Bleeding 10" of core
	50		9:17	4		
	51		9:20	5		
	52		9:23	5		
	53		9:28	5		
	54		9:33	5		
	55		9:36	3		OIL SD
	56		9:40	4		
	57		9:44	4		
	58		9:50	6		Barren sd 1'
	59		9:54	4		OIL SD
	60	10:18	10:21	3		core #6 Top 1 1/2' sd sli bleeding
	61		10:26	5		oil, 2' heavy bleeding, 1' sd good
	62		10:30	4		show sli bleeding
	63		10:34	4		
	64		10:39	5		

THE HERB EXPLORATION CO.

DRILLING
TIME LOG

Date July 23 1974

Company Tipperary Corp Prospect or Lease Bearcat

Core Hole Number 7C1

Depth In Feet		Time			Time Lost	Remarks
From	To	Begin	End	Actual		
64	65	10:39	10:43	4		(core #6' cont) 6' sand good show oil - bleeding core last 6" shale with some small sandy streaks show oil.
	66	10:43	10:48	5		
	67		10:52	4		
	68		10:58	6		
	69		11:03	5		
	70		11:10	7		
	71		11:18	8		
71	72	11:37	11:46	9		core #7
	73		12:05	19		
	74					
	75					
	76					
	77					

Permit #: 20001

Date Issued: 1974

County: Barton

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 7-23-74

OGC FORMS	Date Received
1	
2	
3	<u>7-24</u>
3i	
4	
4i	
5	
6	
7	<u>10-15-74</u>
8	
11	
12	
Misc. Form 2	

COMMENTS:

	TYPE	ID #	Date Received
Logs	<u>trillium time</u>	<u>2-1</u>	<u>7-22-74</u>
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data: