

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Mitchell Energy Co. DATE April 8, 1982

5008 Prospect Avenue Kansas City Missouri 64130
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Svoboda</u>	Well number <u>1</u>	Elevation (ground) <u>971</u>	
WELL LOCATION (give footage from section lines) <u>100</u> ft. from (N) (S) sec. line <u>1482</u> ft. from (E) (W) sec. line			
WELL LOCATION Section <u>36</u> Township <u>46</u> Range <u>33</u>			County <u>Cass</u>
Nearest distance from proposed location to property or lease line: <u>167</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>314</u> feet	
Proposed depth: <u>1,200 feet</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>April 15, 1982</u>	
Number of acres in lease: <u>150+/-</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>50</u> Number of abandoned wells on lease: <u>0</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address <u>NOT APPLICABLE</u>		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____		Blanket Bond <input checked="" type="checkbox"/> Amt. <u>\$40,000</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>Surface to line 21' tubing to surface</u>	<u>6 1/4"</u>	<u>6#</u>	<u>To surface</u>
	<u>2"</u>	<u>3.75#</u>	<u>To surface</u>
I, the undersigned, state that I am the <u>General Manager</u> of the <u>Mitchell Energy 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>Mark A. Flynn</u>			

Permit Number #20291 *sum as other only depth is 1200*
Approval Date 4/13/82
Approved By Wallace B. Dowe
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

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED
RECEIVED
APR 13 1982
WATER SAMPLES REQUIRED **MISSOURI OIL & GAS COUNCIL**

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Mitchell Energy Co. DATE March 23, 1982
5008 Prospect Avenue Kansas City Missouri 64130
 Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Svoboda</u>	Well number <u>1</u>	Elevation (ground) <u>971</u>	
WELL LOCATION (give footage from section lines) <u>100'</u> ft. from (N) <input checked="" type="checkbox"/> sec. line <u>1482</u> ft. from (E) <input type="checkbox"/> (W) sec. line			
WELL LOCATION Section <u>36</u> Township <u>46</u> Range <u>33</u>			County <u>Cass</u>
Nearest distance from proposed location to property or lease line: <u>167</u> feet		Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: <u>314</u> feet	
Proposed depth: <u>800 feet</u>	Rotary or Cable tools <u>Rotary</u>	Approx. date work will start <u>April 1, 1982</u>	
Number of acres in lease: <u>150+/-</u>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>50</u> Number of abandoned wells on lease: <u>0</u>		
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>Not applicable</u> Address _____		No. of Wells: producing _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt. _____ Blanket Bond <input checked="" type="checkbox"/> Amt. <u>\$40,000</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>Surface to</u>			
<u>line 21'</u>	<u>6 1/4"</u>	<u>6#</u>	<u>To surface</u>
<u>Tubing to</u>			
<u>surface</u>	<u>2"</u>	<u>3.75#</u>	<u>To surface</u>
I, the undersigned, state that I am the <u>General Manager</u> of the <u>Mitchell Energy 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>Mark A. Flynn</u>		<i>Charles G. Flynn</i>	

Permit Number #20291
 Approval Date: 3/26/82
 Approved By: Wallace B. Howe
 Note: This Permit not transferable to any other person or to any other location.

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 SAMPLES REQUIRED
 SAMPLES NOT REQUIRED **MAR 25 1982**

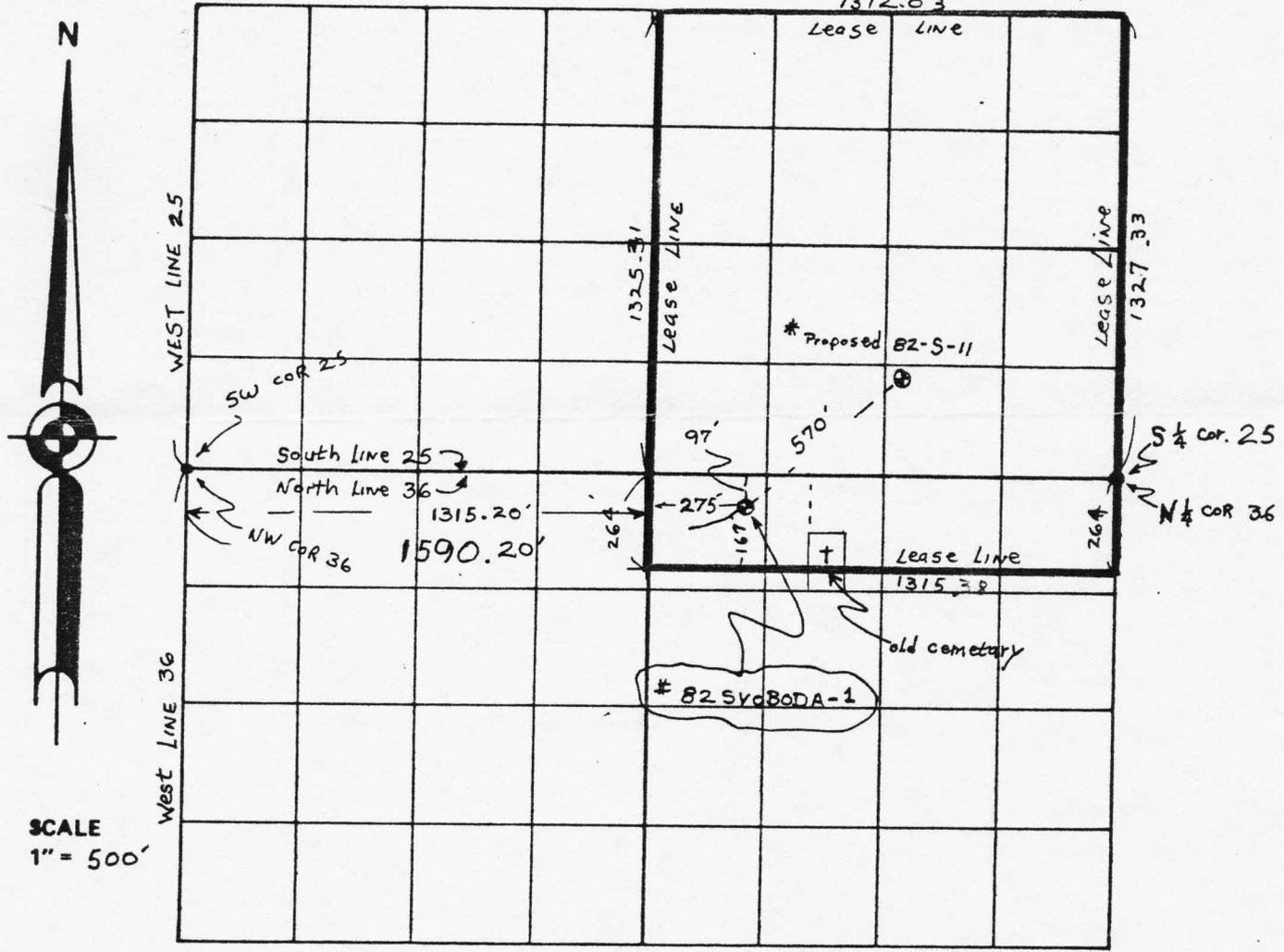
Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned for driller's signature

MO. OIL & GAS COUNCIL
 WATER SAMPLES REQUIRED @:

WELL LOCATION PLAT

Owner: Mitchell Energy Co.

Lease Name: Svoboda County: Cass
97' feet from North line and 1590.20 feet from West line
(N) - (S) (E) - (W) of Sec. 36 Twp. 46 N, Range 33



SCALE
1" = 500'

REMARKS: * Proposed 82-S-11 is 570' NEly of 82-S-1 but is not drilled yet.

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APR 13 1982

MO. OIL & GAS COUNCIL

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.

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 copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, Mo. 65401
One will be returned.

(SEAL)

Walter Roy Spangler LS-1508
Registered Land Surveyor Number

PLUGGING RECORD

Owner Mitchell Energy Company			Address 5008 Prospect Avenue, K.C.MO 64130		
Name of Lease Svoboda		Well No. One (1)	Permit Number (OGC-3 or OGC-3I number) #20291 dated 4/13/82		
Location of Well 100' from N sec. line/1482' from W sec line		Sec-Twp-Rng or Block & Survey 36-46-33	County Cass		
Application to drill this well was filed in name of Mitchell Energy Company		Has this well ever produced oil or gas? No	Character of well at completion (initial production) Oil (bbls/day) None		Gas (MCF/day) None
Date Abandoned 5/3/82		Total depth 800'	Amount well producing prior to abandonment Oil (bbls/day) None		Gas (MCF/day) None
Water (bbls/day) None					
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		Encountered no fluid in drilling	Not Applicable		Not Applicable
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 1/4"	21	None	21	None	None
Surface pipe cut-off below plow depth					
Was well filled with mud-laden fluid? 16 lb. per gallon cement slurry		Indicate deepest formation containing fresh water. Encountered no water			
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
Brown Acres		Belton, Missouri		West	
U.S.A.		Richards Gebaur, A.F.B.		North	
City of Belton		Belton, Missouri		East	
E.F. Spies		Belton, Missouri		South	
Method of disposal of mud pit contents: Pits had cleared					
Use reverse side for additional detail.					
File this form in duplicate with					
CERTIFICATE: I, the undersigned, state that I am the <u>general manager</u> of the <u>Mitchell Energy</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><i>Mitchell Energy</i></u>	

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Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, MO 65401

AUG 12 1982

One will be returned

MO. OIL & GAS COUNCIL

3/12/82

Log Book

Well No. 50-1-82

Farm SUBOTA

Mo CASS
(State) (County)

(Section) (Township) (Range)

For _____
(Well Owner)

**Kenneth R.
Johnson, Inc.**

Oil-Gas-Water-Industrial Supplies

CHANUTE
(316) 431-0479

OSAWATOMIE
(913) 755-4182
Nite (913) 294-3228
Nite (913) 755-3980

GARNETT
(913) 448-5915

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AUG 12 1982

MO. OIL & GAS COUNCIL

Thickness of Strata	Formation	Total Depth	Remarks
2	Sed	2	
6	Clay	8	
5	Lime	13	
22	Shale	35	
2	Lime	37	
30	Shale	67	
2	Lime	69	
8	Shale	77	
7	Lime	84	
11	Shale	95	
3	Lime	98	
4	Shale	102	
10	Lime	112	
2	Shale	114	
13	Lime	127	
6	Shale	133	
3	Lime + Shale	136	
19	Lime	155	
5	Shale	160	
1	Lime	160	
1	Shale + Lime	162	177
3	Shale	165	
18	Lime	183	Bas Hertha- 185 183
35	Shale Sandy	218	
5	Limey sand	223	
51	Shale	274	

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AUG 12 1982 -3-

Thickness of Strata	Formation	Total Depth	Remarks
6	Lm & SH	280	274 to 2, 1, 1, 1 LIME
20	SH LIMEY	300	
56	SHale	356	970
3	Lime	359	356
3	Shale	362	Top of SH Lm 4614
7	Lime	369	
8	Shale	377	
7	Lime	384	
16	Shale	400	970
5	Lime	405	BACK OF SH Lm 4024
2	Black Shale	407	456
14	Shale	421	
2	Lime	423	
33	Sandy Shale	456	
4	Limey Shale	460	
98	Shale	558	
2	Limey Shale	560	
16	Shale	576	
7	Lime & Shale	583	
13	Shale	596	
34	Lime & Shale	620	
14	Sandy Shale	634	Sampler kept
2	Black Shale	636	
47	Shale	683	
1	Lime & Shale	684	
48	Shale	732	

Top SAND 616



MITCHELL ENERGY CO.

OIL AND EXPLORATION

5008 Prospect
Kansas City, Mo 64130
(816) 924-6833

August 12, 1982

Missouri Oil & Gas Council
Mr. Bob Knight
P. O. Box 250
Rolla, Missouri 65401

Re: Svoboda Plugging Record -
Well #40

*Svoboda #1 was plugged the
same day as #40 -- so we are
assuming the same was used here.*

Dear Mr. Knight:

The information as omitted on the plugging record is as follows:

16 lb. per gallon cement slurry.

Not water encountered.

Thank you for your kind attention to this matter.

Sincerely,

Mark A. Flynn
Mark A. Flynn
General Manager

:tmd

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AUG 16 1982
MO. OIL & GAS COUNCIL

Permit #: 20291

Date Issued: 4-13-82

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 5-3-82

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	
3i	4-13-82
4	
4i	4-13-82
5	
6	
7	
8	
11	8-12-82
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	WR 11 105		8-12-82
Samples	chip core		
Analyses	water core		
Additional Submitted Data:			