

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR AMERICAN INVESTORS Co. DATE MAR 5, 1982
5201 BLUE PARKWAY KANSAS CITY Mo
 Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease MIDWEST INVESTMENT Co. Well number 1 Elevation (ground) 1050

WELL LOCATION 1308 ft. from (N) 18 sec. line 2,178 ft. from (E) 18 sec. line

WELL LOCATION Section 2 Township 46 Range 33 County CASS

Nearest distance from proposed location to property or lease line: 560 feet
 Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: 100 feet

Proposed depth: 800 Ft Rotary or Cable tools ROTARY Approx. date work will start MARCH 11, 1982

Number of acres in lease: 114 Number of wells on lease, including this well, completed in or drilling to this reservoir: 1
 Number of abandoned wells on lease: 0

If lease, purchased with one or more wells drilled, from whom purchased: Name N/A No. of Wells: producing _____ inactive _____ abandoned _____
 Address _____

Status of Bond
 Single Well Amt. _____ Blanket Bond Amt. \$20,000.00 ON FILE ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing 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.	amt.	size	wt./ft.	cem.
<u>20</u>	<u>7"</u>	<u>18</u>	<u>NO</u>				
<u>800</u>	<u>2 3/8"</u>	<u>4.616</u>	<u>TO SURFACE</u>				

I, the undersigned, state that I am the AGENT of the AMERICAN INVESTORS 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.
 Signature [Signature]

Permit Number #20270
 Approval Date 3/16/82
 Approved By Wallace B. [Signature]
 Note: This Permit not transferable to any other person or to any other location

SAMPLES REQUIRED **RECEIVED**
 SAMPLES NOT REQUIRED
 MAR 08 1982
 WATER SAMPLES REQUIRED
 MO. OIL & GAS COUNCIL

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

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.

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OGC-7

Owner: American Investors Co. Address: 5201 Blue Parkway

Name of Lease: Midwest Investment Co. Well No.: 1 #20270

Location of Well: 1308' from North Sec. line, 2,178' ft. from East Sec. line Sec-Twp-Rge or Block & Survey: County: Cass

Application to drill this well was filed in name of: American Investors Co. Has this well ever produced oil or gas: NO Character of well at completion (initial production) Oil (bbls/day): Gas (MCF/day): Dry? Yes

Date Abandoned: 10/12/82 Total depth: 870 Amount well producing prior to abandonment. Oil (bbls/day): Gas (MCF/day): Water (bbls./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	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
Mine Creek sd.	Water and small amt.	light oil 419-426	
Upper Squirrel	Heavy oil	508-513	5 sx Portland A @ 55
Lower Squirrel	Heavy Oil	564-569	10 sx Portland A @ 230
			10 sx Portland A @ 440
			5 sx Portland A @ 870

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
7"	24'	-	24'	-	
2-3/8"	870'	870'	-	Had not been cemented	

Was well filled with mud-laden fluid? Yes Indicate deepest formation containing fresh water. Dennis Limestone 200' (very little)

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: Evaporation and burial

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

CERTIFICATE: I, the undersigned, state that I am the Agent of the American Investment 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 14 1983

Signature: 

Formation	Top	Bottom	Description
Soil	0	3	Soil
	3	21	Limestone
	21	41	Shale
	41	50	Limestone
	50	74	Shale
	74	78	Limestone
	78	140	Shale
	140	172	Limestone
	172	177	Shale
	177	200	Limestone
	200	205	Shale
	205	216	Limestone
	216	219	Shale
	219	222	Limestone
	222	226	Sandy
	226	350	Shale, Sandy from 260-290 and 318-322
	350	355	Limestone
	355	380	Sandy Shale
	380	382	Limestone
	382	396	Shale
	396	401	Limestone
	401	411	Shale
	411	419	Limestone
	419	426	Sand
	426	436	Shale
	436	441	Limestone
	441	450	Shale
	450	456	Limestone
	456	478	Shale
	478	495	Limestone and Shale
	495	504	Shale
	504	513	Sand
	513	539	Shale
	539	544	Shale Black
	544	564	Shale
	564	569	Sand
	569	592	Shale
	592	602	Shale & Limestone-Limestone 592- 596 and 600-602
	602	634	Shale
	634	636	Coal
	636	644	Sand
	644	706	Shale
	706	715	Sand
	715	816	Shale
	816	823	Sandy
	870		TD

NOTE: Drillers Log
not available, in-
formation taken from
Gamma Ray/Neutron
Log (See Attached
Log)

Permit #: 20270
 County: CASS
 CONFIDENTIAL UNTIL:

Date Issued: 03-16-82
 Date Cancelled: _____
 Date Plugged: 10-12-82

COMMENTS:

*Stripped 06-08-82
 JG*

OGC FORMS	Date Received
1	
2	
3	
3i	<u>03-08-82</u>
4	
4i	
5	
6	
7	<u>03-14-83</u>
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			<u>03-14-83</u>
Samples	chip core		
	water		
Analyses	core		
Additional Submitted Data:			