

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 3, 1982
5201 BLUE PARKWAY KANSAS CITY MISSOURI

Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease MIDWEST INVESTMENT Co Well number 2 Elevation (ground) 1035

WELL LOCATION (give footage from section lines)
4070 ft. from (N) (S) sec. line 4906 ft. from (E) (W) sec. line

WELL LOCATION Section 2 Township 46 Range 33 County CASS

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: 1,290 feet

Proposed depth: 800 FT Rotary or Cable tools ROTARY Approx. date work will start MARCH 9, 1982

Number of acres in lease: 114
 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 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 lb</u>	<u>NO</u>				
<u>800</u>	<u>2 3/8"</u>	<u>4.6</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: #20267
 Approval Date: 3/5/82
 Approved By: Wallace B. Dowe
[Signature]

SAMPLES REQUIRED RECEIVED
 SAMPLES NOT REQUIRED
 MAR 05 1982

Note: This Permit not transferable to any other person or to any other location

WATER SAMPLES REQUIRED @ 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
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Name of Lease Midwest Investment Co.	Well No. 2	#20267
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Location of Well 1070 from North Sec. line, 1906 from West Sec. line 2-T46N-R33W	Sec-Twp-Rge or Block & Survey	County Cass
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Application to drill this well was filed in name of American Investment 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
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Date Abandoned: 10/23/82	Total depth 850'	Amount well producing prior to abandonment. Oil (bbls/day) _____ Gas (MCF/day) _____	Water (bbls./day) -
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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.
	-		5 sx Portland A at 50
Hertha Limestone	-	192-200	10 sx Portland A @ 200
Higginsville Limestone	-	426-438	5 sx Portland A @ 430

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"	25'	-	25'		
2-3/8"	850'	850'	-	Had not been cemented	-

Was well filled with mud-laden fluid? Yes	Indicate deepest formation containing fresh water. Dennis Limestone 183' (little, if any)
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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 See attached Gamma Ray/Neutron Log - No drillers log available

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

MO. OIL & GAS COUNCIL



 Signature

0 - 3	3	Soil Shale
3 - 30		Shale
30 - 39		Limestone
39 - 58		Shale
58 - 62		Limestone
62 - 98		Shale
98 - 101		Limestone
101 - 125		Shale
125 - 156		Limestone
156 - 162		Shale
162 - 183		Limestone
183 - 190		Shale
190 - 200		Limestone
200 - 203		Shale
203 - 207		Sandy
207 - 332		Shale
332 - 336		Limestone
336 - 346		Sandy
346 - 377		Shale - traces of Limestone at 363
377 - 381		Limestone
381 - 385		Shale
385 - 387		Limestone
387 - 395		Shale
395 - 400		Limestone
400 - 402		Shale
402 - 406		Sand (Mine Creek)
406 - 417		Shale
417 - 421		Limestone
421 - 427		Shale
427 - 438		Limestone (Higginsville)
438 - 480		Limestone and Shale
480 - 491		Shale
491 - 499		Sandy
499 - 555		Shale
555 - 562		Sandy
562 - 585		Shale
585 - 586		Limestone (Verdigris)
586 - 596		Shale
596 - 598		Coal
598 - 621		Shale
621 - 630		Sand
630 - 723		Shale
723 - 763		Sandy
763 - 804		Shale
804 - 810		Sand
850		TD

Permit #: 20207

Date Issued: 03-05-82

County: CASS

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 10-23-82

COMMENTS:

Shipped 06-08-83 JQ

OCC FORMS	Date Received
1	
2	
3	<u>03-05-82</u>
3i	
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 core		
Analyses			

Additional Submitted Data:

Empty box for additional submitted data.