

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK
for an oil well or gas well

NAME OF COMPANY OR OPERATOR General Energy, Inc. DATE July 19, 1982
Box 216 Mound City Kansas
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>Cecil Workman</u>	Well number <u>#4</u>	Elevation (ground) <u>1010</u>	
WELL LOCATION (give footage from section lines) <u>363.7</u> ft. from <u>XX</u> (S) sec. line <u>2548</u> ft. from (E) <u>XX</u> sec. line			
WELL LOCATION Section <u>4</u> Township <u>46</u> Range <u>33</u>			County <u>Cass County</u>
Nearest distance from proposed location to property or lease line <u>165'</u> feet		Distance from proposed location to nearest drilling completed or applied for well on the same lease <u>328'</u> feet	
Proposed depth <u>300'</u>	Drilling contractor, name & address <u>McGown Drilling, Inc.</u>	Rotary or Cable Tools <u>Rotary</u>	Approx. date work will start <u>7-26-82</u>
Number of acres in lease <u>28 acres</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>5</u> Number of abandoned wells on lease: <u>0</u>	
If lease, purchased with one or more wells drilled, from whom purchased Name _____ Address _____		No. of Wells: producing _____ injection _____ inactive _____ abandoned _____	
Status of Bond Single Well <input type="checkbox"/> Amt _____ Blanket Bond <input checked="" type="checkbox"/> Amt <u>\$20,000</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>20'</u>	<u>7"</u>	_____	<u>yes</u>
<u>190'</u>	<u>2"</u>	_____	<u>yes</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>President</u> of the <u>General Energy, 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>G. Herbert McGown</u>			

#20365

Permit Number _____
Approval Date 7/22/82
Approved By Wallace B. Hunt

- Drillers log required
- E-logs required if run
- Core analysis required if run
- Drill stem test info. required if run
- Samples required
- Samples not required

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

RECEIVED

WATER SAMPLES REQUIRED @ _____

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

JUL 22 1982

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.

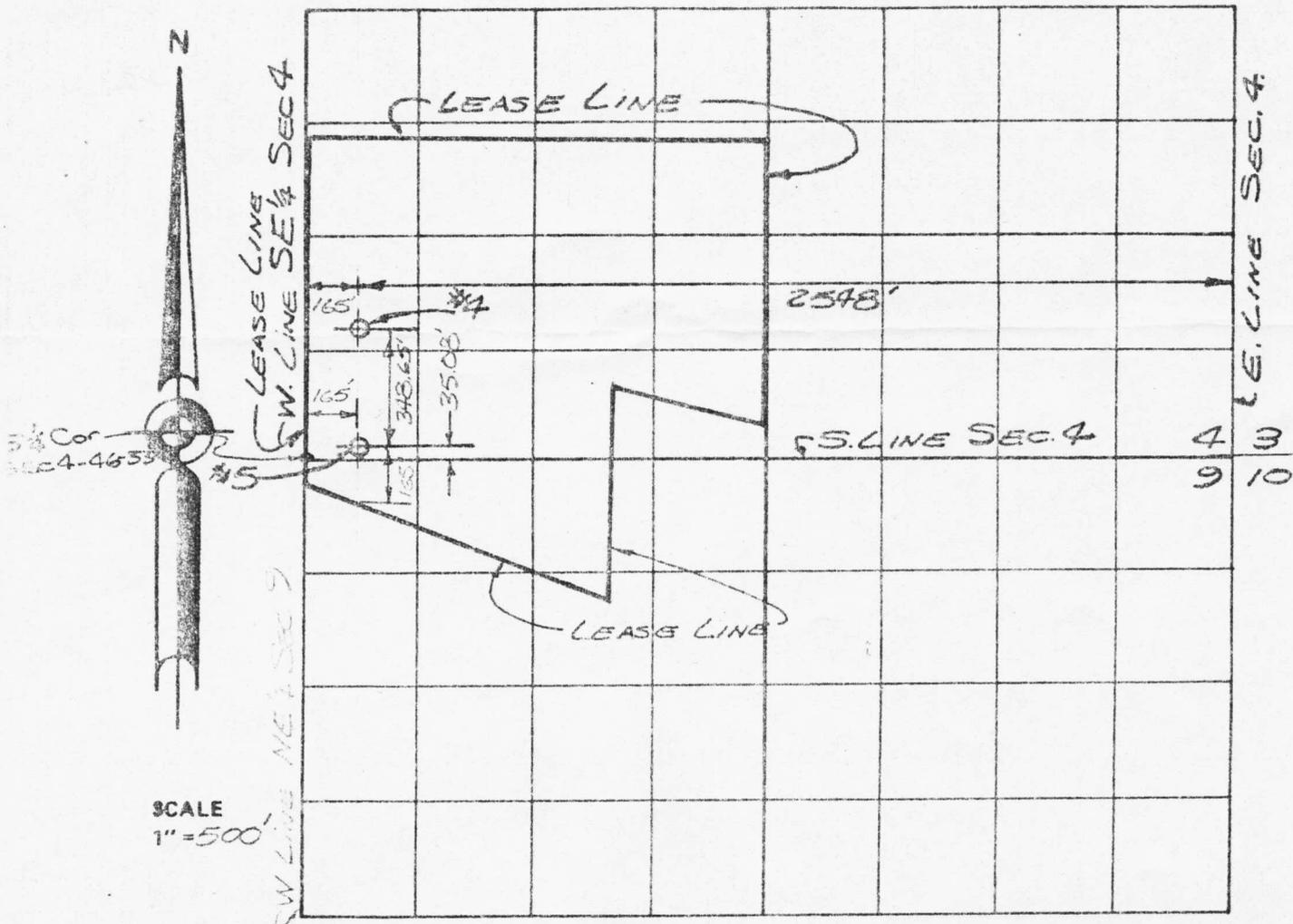
MO. OIL & GAS COUNCIL

MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC-4

Owner: GENERAL ENERGY, INC.

Lease Name: CECIL WORKMAN LEASE County: CASS COUNTY
 feet from SEE REMARKS line and SEE REMARKS feet from SEE REMARKS line
 (N) - (S) (E) - (W) of Sec. 4, Twp. 46 N, Range 33



REMARKS: PROPOSED WELL #4 is 363.7' FROM S. LINE SEC 4 &
2548' FROM E. LINE SEC 4 EL. = 1010

#20365

PROPOSED WELL #5 is 35.08' FROM S. LINE SEC 4
& 2548' FROM E. LINE SEC 4 EL. = 1030

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.

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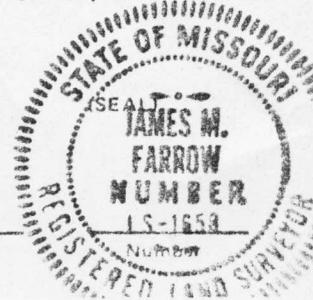
JUL 22 1982

James M. Farrow

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250, St. Louis, Mo. 65401

One will be returned.

MO. OIL & GAS COUNCIL Registered Land Surveyor



MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

General Energy, Inc.

Owner: General Energy, Inc. Address: P. O. Box 216 Mound City, KS, 66056

Lease Name: Cecil Workman Well Number: 4

Location: 363.7' from S sec. line 2548' from E. sec. line Sec. — TWP-Range or Block & Survey: 4- 46 - 33

County: Jackson Permit number (OGC3 number): 20365

Date spudded: 8-10-82 Date total depth reached: 8-12-82 Date completed, ready to produce: 8-19-82 Elevation (DF, RKB, RT or Gr.) (feet): Elevation of casing hd. flange (feet): 1010

Total depth: 562' P. B. T. D.

Producing interval (s) for this completion: Rotary tools used (interval) From 0 to 562' Cable tools used (interval) From to

Was this well directionally drilled? NO Was directional survey made? Was copy of directional survey filed? Date filed

Type of electrical or other logs run (list logs filed with the State Geologist): Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft.)	Depth set	Sacks cement	Amt pulled
Surface	8 3/4"	7"		23'		
Pumping	6 1/8"	2 7/8"		548'		

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8 in.	548 ft.	ft.	in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
2	2 1/8 Glasjets	493-510	Frac. 30 sacks sand	550
	FW		06 Portland A	

INITIAL PRODUCTION

Date of first production: August 1982 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): Pumping Churchill #3

Date of test: Hrs. tested: Choke size: Oil prod. during test (bbls.): Gas prod. during test (MCF): Water prod. during test (bbls.): Oil gravity (API (Corr)):

Tubing pressure: Casing pressure: Cal'ed rate of Production per 24 hrs: Oil (4 bbls.): Gas (0 MCF): Water (25 bbls.): Gas-oil ratio (24)

Disposition of gas (state whether vented, used for fuel or sold): Vented

Method of disposal of mud pit contents: Buried

CERTIFICATE: I, the undersigned, state that I am the President of the General Energy, 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.

Signature: RECEIVED

Remit two copies: one will be returned.

NOV 18 1982

MO. OIL & GAS COUNCIL

DETAIL OF FORMATIONS PENETRA.)

Formation	Top	Bottom	Description*
me w/Shale Streaks	24	24	
ale	18	42	
me	3	45	
ale	19	64	
me	4	68	
ale	20	38	
me w/Shale Streaks	72	160	
ale	41	201	
me	6	207	
ndy Shale	91	298	
me	4	302	
ndy Shale	10	312	
ale & Lime	15	327	
nd Bed Shale	15	342	
me	7	349	
ale	2	351	
me	4	355	
ale	7	362	
me	11	373	
nd & Lime	13	391	
me	7	398	
al Break	2	400	
ndy Shale	34	434	
ter Sand	8	442	
ale & Sand	38	480	
nd, Shale & Lime	14	494	
ore #1	20	514	
mey Shale	48	562	
T.D.		562'	

*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.

INSTRUCTIONS:

Attach driller's log or other acceptable log of well if available.

Log to be submitted to the Bureau of Geology and Mineral Resources, State of Louisiana, 10 days after completion.