

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 Prairie Energy Corporation DATE April 7, 1983
8600 W. 110th St. STE 202 Overland Park Kansas 66210
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>MacLaughlin</u>	Well number <u>3G</u>	Elevation (ground) <u>1053'</u>	
WELL LOCATION (give footage from section lines) <u>1764</u> ft. from W (S) sec. line <u>2382</u> ft. from (E) W sec. line			
WELL LOCATION Section <u>4</u> Township <u>46</u> Range <u>33</u>			County <u>Cass</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>292</u> feet	
Proposed depth <u>700'</u>	Drilling contractor, name & address <u>Layne-Western Company</u> <u>620 S. 38th St. KC KS</u>	Rotary or Cable Tools <u>rotary</u>	Approx. date work will start <u>4/18/83</u>
Number of acres in lease <u>264</u>		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>9</u> Number of abandoned wells on lease: <u>none</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>N/A</u> 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>30,000</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>26</u>	<u>5 sacks</u>
<u>650</u>	<u>4 1/2"</u>	<u>11</u>	<u>80 sacks</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>Land Manager</u> of the <u>Prairie Energy Corporation</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>Stephen K. Hughes</u>			

Permit Number 20386
Approval Date 4/12/83
Approved By Wallace B. Howe
BWH

- 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

RECEIVED
APR 11 1983

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

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.

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well Workover Deepen Plug Back Injection Same Reservoir Different Reservoir OH Gas Dry

Owner Prairie Energy Corporation		Address 8600 West 110th Street Suite 202 Overland Park, Kansas 66210			
Lease Name Maclaughlin		Well Number 3 G			
Location 1764' from S line; 2382' from E line			Sec., Twp., and Range or Block and Survey Sec 4 T 46 R33		
County Cass		Permit number (OGC 3 or OGC 31) 20386			
Date spudded 4/12/83		Date total depth reached	Date completed, ready to produce or inject 4/19/83	Elevation (DF, RKR, RT, or Gr.) feet 1053'	Elevation of casing hd. flange feet
Total depth 640'		P. B. T. D. 600.5'			
Producing or injection interval(s) for this completion Squirrel			Rotary tools used (interval) From 0 to TD Drilling Fluid used air		Cable tools used (interval) From to
Was this well directionally drilled? No		Was directional survey made? NO	Was copy of directional survey filed? N/A		Date filed N/A
Type of electrical or other logs run (list logs filed with the State Geologist) Gamma Ray Neutron				Date filed with report	

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"	17	23.4	5	
casing	6 1/2"	4 1/2"		631'	94	

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft	Size & type	Depth Interval	Amount and kind of material used	Depth Interval
	3 3/4 Frac. Jets	552-562		552-562

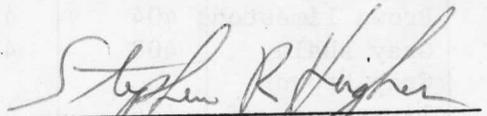
INITIAL PRODUCTION

Date of first production or injection		Producing method (indicate if flowing, gas lift, or pumping - if pumping, show size and type of pump) pumping, 1 1/2" insert pump, 5' barrel				
Date of test	Hrs. tested	Choke size 1"	Oil produced during test bbls.	Gas produced during test MCF	Water produced during test bbls.	Oil gravity API (Corr.)
Tubing pressure	Casing pressure	Cal'cd rate of Production per 24 hours est.	Oil 5 bbls.	Gas - MCF	Water 2 bbls.	Gas - oil ratio

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

Method of disposal of mud pit contents:
drained & Buried

CERTIFICATE: I, the undersigned, state that I am the Land Manager of the Prairie Energy Corporation (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 Stephen R. Hughes

See Attached Drillers Log

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JUN 30 1983

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description (See * below)
Brown clay	0	7	
Gray limestone	7	15	
Gray shale	15	45	
Gray limestone	45	55	
Gray sandy shale	55	70	
Gray shale	70	75	
Gray brown limestone	75	77	
Red shale	77	80	
Gray shale	80	83	
Gray limestone	83	87	
Black shale	87	89	
Gray shale	89	100	
Gray limestone	100	102	
Gray shale	102	132	
Gray limestone	132	135	
Gray shale	135	140	
Gray limestone	140	145	
Gray shale	145	150	
Gray limestone	150	172	
Black shale	172	175	
Gray shale	175	178	
Gray limestone	178	198	
Black shale	198	204	
Gray limestone	204	206	
Gray shale	206	208	
Gray limestone	208	214	
Gray sandy shale	214	225	
Gray sandy shale	225	255	
Gray sandy shale	255	300	
Gray shale	300	315	
Gray sandstone	315	330	
Gray shale	330	350	
Brown limestone	350	352	
Gray sandy shale	352	365	
Gray shale	365	375	
Gray sandy shale	375	380	
Gray shale	380	385	
Red shale	385	390	
Gray shale	390	395	
Brown limestone	395	403	
Black shale	403	404	
Brown limestone	404	408	
Gray shale	408	416	
Gray brown limestone w/T	416	429	

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*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 drillers log or other acceptable log of well. Submit analysis of injection interval formation waters.

OPERATOR Prairie Energy Corporation LEASE NAME Maclaughlin 3 G SEC. 4 TWP. 46 RGE. 33 (E) (W)

FILL IN WELL LOG AS REQUIRED: WELL NO. _____

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Gray shale	429	445		
Brown limestone	445	450		
Black shale	450	453		
Brown limestone	453	455		
Gray sandy shale	455	532		
Gray sandstone w/oil	532	533		
Gray sandy shale w/sandstone seams & oil	533	541		
Gray sandstone w/oil	541	543		
Same	543	553		
Same	553	563		
Same	563	573		
Same	573	577		
Gray sandy shale	577	583		
Gray shale	583	640		
Total depth	640			

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 JUN 30 1983
 MO. OIL & GAS COUNCIL

Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Cass
 COMPANY OR OWNER Prairie Energy Corp.
 FARM MacLaughlin WELL NO. 3-G
 LOCATION 1764' FSL, 2382' FEL SEC 4 T 46 R 33
 CONTRACTOR/DRILLER _____
 COMMENCED 4-12-83 COMPLETED 4-19-83
 PRODUCTION Oil 5 bbls./day
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC # 20386

MGS LOG NO. Driller's

-	+	-	-	-	+	-	+
-	+	-	-	-	+	-	+
-	+	-	-	-	+	-	+
-	+	-	-	-	+	-	+

NO. SAMPLES _____ SAMPLES RECEIVED _____

ELEV. 1053'
 TOTAL DEPTH 640'
 SWL _____

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Brown clay	0	7	Brown limestone	350	352
Gray limestone	7	15	Gray sandy shale	352	365
Gray shale	15	45	Gray shale	365	375
Gray limestone	45	55	Gray sandy shale	375	380
Gray sandy shale	55	70	Gray shale	380	385
Gray shale	70	75	Red shale	385	390
Gray brown limestone	75	77	Gray shale	390	395
Red shale	77	80	Brown limestone	395	403
Gray shale	80	83	Black shale	403	404
Gray limestone	83	87	Brown limestone	404	408
Black shale	87	89	Gray shale	408	416
Gray shale	89	100	Gray brown limestone w/trace oil.	416	429
Gray limestone	100	102	Gray shale	429	445
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Gray limestone	132	135	Black shale	450	453
Gray shale	135	140	Brown limestone	453	455
Gray limestone	140	145	Gray sandy shale	455	532
Gray shale	145	150	Gray sandstone w/oil	532	533
Gray limestone	150	172	Gray sandy shale w/sandstone seams & oil.	533	541
Black shale	172	175	Gray sandstone w/oil	541	577
Gray shale	175	178	Gray sandy shale	577	583
Gray limestone	178	198	Gray shale	583	640
Black shale	198	204			
Gray limestone	204	206			
Gray shale	206	208			
Gray limestone	208	214			
Gray sandy shale	214	300			
Gray shale	300	315			
Gray sandstone	315	330			
Gray shale	330	350			

T.D. 640'

Permit #: 20386

Date Issued: 4-12-83

County: Cass

Date Cancelled: _____

CONFIDENTIAL, UNTIL: _____

Date Plugged: _____

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	4-11-83
3i	
4	
4i	
5	6-30-83
6	
7	
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs	drillers		
Samples	chip core		
Analyses	water		
	core		

Additional Submitted Data:

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- Drillers log required
- E-logs required if run
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- 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.
 Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned for driller's signature

RECEIVED
 APR 11 1983

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County Cass	Permit number (OGC 3 or OGC 31) 20386		
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Total depth 640'	P. B. T. D. 600.5'		
Producing or injection interval(s) for this completion Squirrel		Rotary tools used (interval) From 0 to TD Drilling Fluid used air	Cable tools used (interval) From to
Was this well directionally drilled? No	Was directional survey made? NO	Was copy of directional survey filed? N/A	Date filed N/A
Type of electrical or other logs run (list logs filed with the State Geologist) Gamma Ray Neutron			Date filed with report

CASING RECORD

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TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

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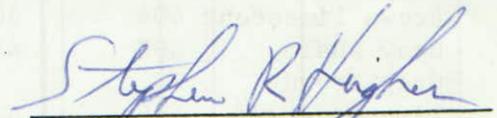
INITIAL PRODUCTION

Date of first production or injection	Producing method (indicate if flowing, gas lift, or pumping - if pumping, show size and type of pump) pumping, 1 1/2" insert pump, 5' barrel					
Date of test	Hrs. tested	Choke size 1"	Oil produced during test 5 bbls.	Gas produced during test - MCF	Water produced during test 2 bbls.	Oil gravity API (Corr.)
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hours est.	Oil 5 bbls.	Gas - MCF	Water 2 bbls.	Gas - oil ratio

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

Method of disposal of mud pit contents
drained & Buried

CERTIFICATE: I, the undersigned, state that I am the Land Manager of the Prairie Energy Corporation (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 Stephen R. Hughes

See Attached Drillers Log

RECEIVED

JUN 30 1983

OPERATOR Prairie Energy Corporation LEASE NAME Maclaughlin 3 G SEC. 4 TWP. 46 RGE. 33

FILL IN WELL LOG AS REQUIRED: WELL NO. _____

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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Same	543	553		
Same	553	563		
Same	563	573		
Same	573	577		
Gray sandy shale	577	583		
Gray shale	583	640		
Total depth	640			

RECEIVED
 JUN 30 1983
 MO. OIL & GAS COUNCIL

Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

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 COMPANY OR OWNER Prairie Energy Corp.
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 LOCATION 1764'FSL, 2382'FEL SEC 4 T 46 R 33
 CONTRACTOR/DRILLER _____
 COMMENCED 4-12-83 COMPLETED 4-19-83
 PRODUCTION Oil 5 bbls./day
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC # 20386

MGS LOG NO. Driller's

+	+	+	+
-	-	-	-
+	+	+	+
-	-	-	-
+	+	+	+
-	-	-	-

NO. SAMPLES _____

SAMPLES RECEIVED _____

ELEV. 1053'

TOTAL DEPTH 640'

SWL _____

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Gray shale	300	315			
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Gray shale	330	350			

T.D. 640'



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
PLUGGING RECORD

RECEIVED
FEB 26 2013
FORM OGC-7

Mo Oil & Gas Council

OWNER'S NAME Kansas Resource Exploration & Development, LLC		ADDRESS 9393 W 110th Street, Ste. 500		
NAME OF LEASE MacLaughlin		WELL NUMBER 3-G	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 037-20386	
LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY Sec. 4 Township 46 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West		LATITUDE N38 50' 11.60"	LONGITUDE W94 34' 24.65"	COUNTY Cass
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Prairie Energy Corporation	HAS THIS WELL EVER PRODUCED OIL OR GAS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) 1 GAS (MCF/DAY) 0		DRY? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
DATE OF ABANDONMENT 02/20/2013	TOTAL DEPTH 640'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) .10 GAS (MCF/DAY) 0	WATER (BBLS/DAY) 0	

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, and depth of plugs used, giving amount of cement.
Squirrel Sandstone	Oil and Water	552'-562'	Squeezed 100 sks of Portland from surface to 601', topped off the well with 5 additional sks of Portland, shut in with 2" valve

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
4 1/2"	601'	0	601'	N/A	None
7"	23'	0	23'	N/A	None

WAS WELL FILLED WITH MUD-LADEN FLUID? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER None
--	---

NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

NAME	ADDRESS	DIRECTION FROM THIS WELL
Maclaughlin, J.R. and A	1103 W47th, Apt B Kansas City, MO 64112	North
Byram, Joyce & John	16601 S. Holmes Rd., Belton, MO 64012	South
Cass Property Energy, LLC	311 E. 135th St, Kansas City, MO 64148	East
LL North, LLC	PO Box 14146, Parkville, MO 64152	West

METHOD OF DISPOSAL OF MUD PIT CONTENTS	There was no pit used in this process, cement was squeezed directly down the well
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NOTE	FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)
------	--

CERTIFICATE I, the undersigned, state that I am the Chief Operating Officer of the Kansas Resource Exploration and Development, LLC (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 	DATE 02/24/2013
---------------	--------------------