

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 11/2/82
8600 West 110th St., Suite 202 Overland Park Kansas 66210
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>MacLaughlin</u>	Well number <u>1-G</u>	Elevation (ground) <u>1048</u>	
WELL LOCATION (give footage from section lines) <u>1107</u> ft from (N) <input checked="" type="radio"/> sec. line <u>2414</u> ft from (E) <input checked="" type="radio"/> (W) sec. line			
WELL LOCATION Section <u>4</u> Township <u>46N</u> Range <u>33W</u>			County <u>Cass</u>
Nearest distance from proposed location to property or lease line <u>1107'</u> feet		Distance from proposed location to nearest drilling, completed or applied for well on the same lease. <u>595'</u> feet	
Proposed depth <u>620'</u>	Drilling contractor, name & address <u>Layne-Western</u>	Rotary or Cable Tools <u>Rotary</u>	Approx. date work will start <u>11/12/82</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>7</u> Number of abandoned wells on lease: <u>unknown</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>25'</u>	<u>7"</u>	<u>23</u>	<u>6 sacks</u>
<u>595'</u>	<u>4"</u>	<u>11.6</u>	<u>91 sacks</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>Land Manager</u> of the <u>Prairie 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>Stephen R. Hughes</u>			

Permit Number #20376
Approval Date 11/5/82
Approved By Wallace B. Howe

- 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
NOV 05 1982
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 Oil Gas Dry

Owner Prairie Energy Corporation		Address 8600 West 110th Street STE 202 Overland Park, Kansas 66210	
Lease Name MacLaughlin		Well Number 1-G	
Location 1107' FSL, 2414' FEL		Sec., Twp., and Range or Block and Survey Sec. 4, T46, R33	
County Cass	Permit number (OGC 3 or OGC 31) 20376		
Date spudded 12/2/82	Date total depth reached 12/13/82	Date completed, ready to produce or inject	Elevation (DF, RKR, RT, or Gr) feet 1048
Total depth 640'	P. B. T. D.		

Producing or injection interval(s) for this completion Squirrel		Rotary tools used (interval) From _____ to _____		Cable tools used (interval) From _____ to _____	
Was this well directionally drilled? no		Was directional survey made? no		Was copy of directional survey filed? no	
Type of electrical or other logs run (list logs filed with the State Geologist) Gamma Ray Neutron, Electric log				Date filed attached	

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	10"	7"		23'	5 sacks	
production	6 1/2"	4 1/2"		611'	90 sacks	

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
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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	540-543	82 bbl. water, 55 sacks	
	Frack Jet	549-557	sand, 1 carbony acid	540-557

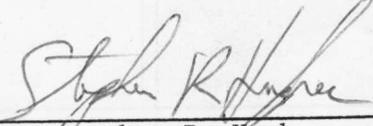
INITIAL PRODUCTION

Date of first production or injection		Producing method (indicate if flowing, gas lift, or pumping - if pumping, show size and type of pump) pumping - insert pump					
Date of test	Hrs. tested	Choke size	Oil produced during test bbls.	Gas produced during test MCF	Water produced during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hours	Oil 3 bbls.	Gas - MCF	Water 3 bbls.	Gas - oil ratio	

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

Method of disposal of mud pit contents:
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

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JUN 30 1983

TEST BORING LOG

Project Prairie Energy Corporation

Boring No. 1G - MacLaughlin Sheet 1 of 4

Surface Elevation _____ Offset _____

Address MacLaughlin Lease

Date Started 12/2/82 Completed 12/13/82

City & State Grandview, Missouri

Driller V. R. Campbell Rig D-15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water
 H.A. - Hollow Auger S.S. - Split Spoon C.A. - Core Air
 W.B. - Wash Bore S.T. - Shelby Tube F.B. - Finger Bit

DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
0.0'	3.0'	RB				Brown clay
3.0'	14.0'	RB				Brown broken limestone
14.0'	42.0'	RB				Gray shale
42.0'	48.0'	RB				Gray limestone
48.0'	62.0'	RB				Gray shale
62.0'	72.0'	RB				Red shale
72.0'	77.0'	RB			/	Gray shale
77.0'	82.0'	RB				Gray limestone
82.0'	97.0'	RB				Gray shale
97.0'	119.0'	RB				Gray sandy shale
119.0'	131.0'	RB				Gray shale
131.0'	135.0'	RB				Gray limestone
135.0'	139.0'	RB				Gray shale
139.0'	155.0'	RB				Gray limestone
155.0'	158.0'	RB				Gray shale
158.0'	169.0'	RB				Gray limestone

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MO. OIL & GAS COUNCIL

REMARKS: (Casing, Water Loss, Etc.)

Water Level

Time

Date

(Completion)

TEST BORING LOG

Project Prairie Energy Corporation

Boring No. 1G MacLaughlin Sheet 2 of 4

Surface Elevation _____ Offset _____

Address _____

Date Started _____ Completed _____

City & State _____

Driller _____ Rig _____

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FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
169.0'	173.0'	RB				Black shale
173.0'	174.0'	RB				Gray shale
174.0'	195.0'	RB				Gray limestone
195.0'	197.0'	RB				Black shale
197.0'	200.0'	RB				Gray shale
200.0'	203.0'	RB				Gray limestone
203.0'	205.0'	RB				Gray shale
205.0'	208.0'	RB				Gray limestone
208.0'	213.0'	RB				Gray shale
213.0'	215.0'	RB				Gray limestone
215.0'	220.0'	RB				Gray sandy shale
220.0'	260.0'	RB				Gray shale
260.0'	340.0'	RB				Gray sandy shale
340.0'	342.0'	RB				Black shale
342.0'	350.0'	RB				Gray shale
350.0'	352.0'	RB				Gray limestone

REMARKS: (Casing, Water Loss, Etc.) _____ Water Level _____ Time _____ Date _____ (Completion)

TEST BORING LOG

Project Prairie Energy Corporation

Boring No. 1G MacLaughlin Sheet 3 of 4

Surface Elevation _____ Offset _____

Address _____

Date Started _____ Completed _____

City & State _____

Driller _____ Rig _____

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water
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DEPTH		METHOD	PENETRATION RECORD		CORE RECOVERY	SAMPLE DESCRIPTION COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY
FROM	TO		POCKET PENETRO-METER	NO. OF BLOWS		
352.0'	392.0'	RB				Gray shale
392.0'	394.0'	RB				Gray limestone
394.0'	396.0'	RB				Gray shale
396.0'	399.0'	RB				Gray limestone
399.0'	408.0'	RB				Gray shale
408.0'	413.0'	RB				Gray limestone
413.0'	430.0'	RB				Gray sandy shale
430.0'	440.0'	RB				Gray shale
440.0'	443.0'	RB				Gray limestone
443.0'	460.0'	RB				Dark gray shale
460.0'	480.0'	RB				Gray shale
480.0'	517.0'	RB				Gray sandy shale
517.0'	527.0'	RB				Gray shaly sandstone
527.0'	543.0'	RB				Gray sandstone
543.0'	563.0'	CW1				Gray sandstone w/shale seams, oil
563.0'	577.0'	CW1			20.0'	Gray sandstone, oil

REMARKS: (Casing, Water Loss, Etc.) _____ Water Level _____ Time _____ Date _____ (Completion)

Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Cass
 COMPANY OR OWNER Prairie Energy Corp.
 FARM MacLaughlin WELL NO. 1-G
 LOCATION 1107' FSL, 2414' FEL SEC 4 T. 46 R. 33
 CONTRACTOR/DRILLER V.R. Campbell
 COMMENCED 12-2-82 COMPLETED 12-13-82
 PRODUCTION 011 3 bbls./day
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC # 20376

MGS LOG NO. Drillers

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

NO. SAMPLES _____ SAMPLES RECEIVED _____

ELEV. 1048'
 TOTAL DEPTH 640'
 SWL _____

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Brown clay	0.0	3.0	Gray limestone	350.0	352.0
Brown broken limestone	3.0	14.0	Gray shale	352.0	392.0
Gray shale	14.0	42.0	Gray limestone	392.0	394.0
Gray limestone	42.0	48.0	Gray shale	394.0	396.0
Gray shale	48.0	62.0	Gray limestone	396.0	399.0
Red shale	62.0	72.0	Gray shale	399.0	408.0
Gray shale	72.0	77.0	Gray limestone	408.0	413.0
Gray limestone	77.0	82.0	Gray sandy shale	413.0	430.0
Gray shale	82.0	97.0	Gray shale	430.0	440.0
Gray sandy shale	97.0	119.0	Gray limestone	440.0	443.0
Gray shale	119.0	131.0	Dark gray shale	443.0	460.0
Gray limestone	131.0	135.0	Gray shale	460.0	480.0
Gray shale	135.0	139.0	Gray sandy shale	480.0	517.0
Gray limestone	139.0	155.0	Gray shaly sandstone	517.0	527.0
Gray shale	155.0	158.0	Gray sandstone	527.0	543.0
Gray limestone	158.0	169.0	Gray sandstone w/shale seams	543.0	563.0
Black shale	169.0	173.0	oil.		
Gray shale	173.0	174.0	Gray sandstone, oil	563.0	577.0
Gray limestone	174.0	195.0	Gray shale	577.0	583.0
Black shale	195.0	197.0	Dark gray shale	583.0	640.0
Gray shale	197.0	200.0			
Gray limestone	200.0	203.0			
Gray shale	203.0	205.0			
Gray limestone	205.0	208.0			
Gray shale	208.0	213.0			
Gray limestone	213.0	215.0			
Gray sandy shale	215.0	220.0			
Gray shale	220.0	260.0			
Gray sandy shale	260.0	340.0			
Black shale	340.0	342.0			
Gray shale	342.0	350.0			
				T.D.	640.0'

Permit #: 20376

Date Issued: 11-5-82

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: _____

COMMENTS:

OGC FORMS	Date Received
1	
2	
3	
3i	11-5-82
4	
4i	
5	6-30-83
6	
7	
8	
11	
12	
Misc. Form 2	

Log	TYPE	ID #	Date Received
	drillers		
	test boring		6-30-83
Samples	chip		
	core		
Analyses	water		
	core		

Additional Submitted Data:

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 11/2/82
8600 West 110th St., Suite 202 Overland Park Kansas 66210
Address City State

DESCRIPTION OF WELL AND LEASE			
Name of lease <u>MacLaughlin</u>	Well number <u>1-G</u>	Elevation (ground) <u>1048</u>	
WELL LOCATION (give footage from section lines) <u>1107</u> ft from (N) (S) sec line <u>2414</u> ft from (E) (W) sec. line			
WELL LOCATION Section <u>4</u> Township <u>46N</u> Range <u>33W</u>			County <u>Cass</u>
Nearest distance from proposed location to property or lease line <u>1107'</u> feet		Distance from proposed location to nearest drilling, completed or applied for well on the same lease: <u>595'</u> feet	
Proposed depth <u>620'</u>	Drilling contractor, name & address <u>Layne-Western</u>	Rotary or Cable Tools <u>Rotary</u>	Approx. date work will start <u>11/12/82</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>7</u> Number of abandoned wells on lease: <u>unknown</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>25'</u>	<u>7"</u>	<u>23</u>	<u>6 sacks</u>
<u>595'</u>	<u>4"</u>	<u>11.6</u>	<u>91 sacks</u>
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the <u>Land Manager</u> of the <u>Prairie 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>[Signature]</u>			

Permit Number #20376
Approval Date 11/5/82
Approved By Wallace B. Howe

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

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NOV 05 1982

WATER SAMPLES REQUIRED @

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 Oil Gas Dry

Owner Prairie Energy Corporation		Address 8600 West 110th Street STE 202 Overland Park, Kansas 66210	
Lease Name MacLaughlin		Well Number 1-G	
Location 1107' FSL, 2414' FEL		Sec., Twp., and Range or Block and Survey Sec. 4, T46, R33	
County Cass	Permit number (OGC 3 or OGC 31) 20376		
Date spudded 12/2/82	Date total depth reached 12/13/82	Date completed, ready to produce or inject	Elevation (DF, RKR, RT, or Gr.) feet 1048
Total depth 640'	P. B. T. D.		

Producing or injection interval(s) for this completion Squirrel		Rotary tools used (interval) From _____ to _____		Cable tools used (interval) From _____ to _____	
Was this well directionally drilled? no		Was directional survey made? no		Was copy of directional survey filed? no	
Type of electrical or other logs run (list logs filed with the State Geologist) Gamma Ray Neutron, Electric log				Date filed attached	

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	10"	7"		23'	5 sacks	
production	6 1/2"	4 1/2"		611'	90 sacks	

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
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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	540-543	82 bbl. water, 55 sacks	
	Frack Jet	549-557	sand, 1 carbouy acid	540-557

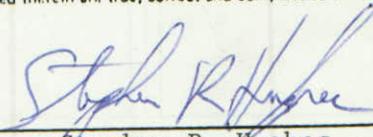
INITIAL PRODUCTION

Date of first production or injection		Producing method (indicate if flowing, gas lift, or pumping - if pumping, show size and type of pump) pumping - insert pump					
Date of test	Hrs. tested	Choke size	Oil produced during test bbls.	Gas produced during test MCF	Water produced during test bbls.	Oil gravity API (Corr.)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hours	Oil 3 bbls.	Gas - MCF	Water 3 bbls.	Gas - oil ratio	

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

Method of disposal of mud pit contents
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

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JUN 30 1983

MO. OIL & GAS COUNCIL

3/12/1982

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description (See * below)
			See Attached Drillers Log

*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.

TEST BORING LOG

Project Prairie Energy Corporation
 Address MacLaughlin Lease
 City & State Grandview, Missouri

Boring No. 1G - MacLaughlin Sheet 1 of 4
 Surface Elevation _____ Offset _____
 Date Started 12/2/82 Completed 12/13/82
 Driller V. R. Campbell Rig D-15

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water
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MO. OIL & GAS COUNCIL

REMARKS: (Casing, Water Loss, Etc.) _____ Water Level _____ Time _____ Date _____
 _____ (Completion)

TEST BORING LOG

Project Prairie Energy Corporation

Boring No. 1G MacLaughlin Sheet 2 of 4

Surface Elevation _____ Offset _____

Address _____

Date Started _____ Completed _____

City & State _____

Driller _____ Rig _____

Abbreviations: A.O. - Auger Only R.B. - Rock Bit C.W. - Core Water
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340.0'	342.0'	RB				Black shale
342.0'	350.0'	RB				Gray shale
350.0'	352.0'	RB				Gray limestone

REMARKS: (Casing, Water Loss, Etc.)

Water Level

Time

Date

(Completion)

Layne-Western Company, Inc.

TEST BORING LOG

Project Prairie Energy Corporation

Boring No. 1G MacLaughlin Sheet 3 of 4

Surface Elevation _____ Offset _____

Address _____

Date Started _____ Completed _____

City & State _____

Driller _____ Rig _____

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399.0'	408.0'	RB				Gray shale
408.0'	413.0'	RB				Gray limestone
413.0'	430.0'	RB				Gray sandy shale
430.0'	440.0'	RB				Gray shale
440.0'	443.0'	RB				Gray limestone
443.0'	460.0'	RB				Dark gray shale
460.0'	480.0'	RB				Gray shale
480.0'	517.0'	RB				Gray sandy shale
517.0'	527.0'	RB				Gray shaly sandstone
527.0'	543.0'	RB				Gray sandstone
543.0'	563.0'	CW1				Gray sandstone w/shale seams, oil
563.0'	577.0'	CW1			20.0'	Gray sandstone, oil

REMARKS: (Casing, Water Loss, Etc.)

Water Level

Time

Date

(Completion)

Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Cass
 COMPANY OR OWNER Prairie Energy Corp.
 FARM MacLaughlin WELL NO. 1-G
 LOCATION 1107' FSL, 2414' FEL SEC 4 T₄₆ R₃₃
 CONTRACTOR/DRILLER V.R. Campbell
 COMMENCED 12-2-82 COMPLETED 12-13-82
 PRODUCTION Oil 3 bbls./day
 CASING RECORD _____
 WATER RECORD _____
 SOURCE OF LOG _____
 REMARKS OGC # 20376

MGS LOG NO. Drillers

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

NO. SAMPLES _____

SAMPLES RECEIVED _____

ELEV. 1048'
 TOTAL DEPTH 640'
 SWL _____

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Brown clay	0.0	3.0	Gray limestone	350.0	352.0
Brown broken limestone	3.0	14.0	Gray shale	352.0	392.0
Gray shale	14.0	42.0	Gray limestone	392.0	394.0
Gray limestone	42.0	48.0	Gray shale	394.0	396.0
Gray shale	48.0	62.0	Gray limestone	396.0	399.0
Red shale	62.0	72.0	Gray shale	399.0	408.0
Gray shale	72.0	77.0	Gray limestone	408.0	413.0
Gray limestone	77.0	82.0	Gray sandy shale	413.0	430.0
Gray shale	82.0	97.0	Gray shale	430.0	440.0
Gray sandy shale	97.0	119.0	Gray limestone	440.0	443.0
Gray shale	119.0	131.0	Dark gray shale	443.0	460.0
Gray limestone	131.0	135.0	Gray shale	460.0	480.0
Gray shale	135.0	139.0	Gray sandy shale	480.0	517.0
Gray limestone	139.0	155.0	Gray shaly sandstone	517.0	527.0
Gray shale	155.0	158.0	Gray sandstone	527.0	543.0
Gray limestone	158.0	169.0	Gray sandstone w/shale seams	543.0	563.0
Black shale	169.0	173.0	oil.		
Gray shale	173.0	174.0	Gray sandstone, oil	563.0	577.0
Gray limestone	174.0	195.0	Gray shale	577.0	583.0
Black shale	195.0	197.0	Dark gray shale	583.0	640.0
Gray shale	197.0	200.0			
Gray limestone	200.0	203.0			
Gray shale	203.0	205.0			
Gray limestone	205.0	208.0			
Gray shale	208.0	213.0			
Gray limestone	213.0	215.0			
Gray sandy shale	215.0	220.0			
Gray shale	220.0	260.0			
Gray sandy shale	260.0	340.0			
Black shale	340.0	342.0			
Gray shale	342.0	350.0			
				T.D.	640.0'



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

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 1-G	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 037-20376
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' 5.19"	LONGITUDE W94 34' 25.60"
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 (BBL/DAY) 3 GAS (MCF/DAY) 0
DATE OF ABANDONMENT 02/20/2013	TOTAL DEPTH 640'	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) .25 GAS (MCF/DAY) N/A	WATER (BBL/DAY) .50

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	540'-543'	Squeezed 101 sks of Portland from surface
		549'-557'	to 611', 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"	611'	0	611'	N/A	None
7"	23'	0	23'	N/A	None

WAS WELL FILLED WITH MUD-LADEN FLUID? Yes 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

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**