

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 Resources Corp. DATE 2/26/87
7800 West 110th St, Suite 122 Ovarland Park KS 66210
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Dunlap Well number 5 Elevation (ground) 1042

WELL LOCATION (give footage from section lines)
2503 ft from (N)(S) sec line 1155 ft from (E)(W) sec line

WELL LOCATION Section 9 Township 46N Range 33W County CASS

Nearest distance from proposed location to property or lease line 165 feet
Distance from proposed location to nearest drilling, completed or applied for well on the same lease: _____ feet

Proposed depth 630 Drilling contractor, name & address _____ Rotary or Cable Tools Approx. date work will start 1/4/82

Number of acres in lease 140 more or less
Number of wells on lease, including this well, completed in or drilling to this reservoir: _____
Number of abandoned wells on lease: _____

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

Status of Bond Single Well Amt. _____ Blanket Bond Amt. 30,000 ON FILE ATTACHED

Remarks (If this is an application to deepen or plug back, briefly describe work to be done, give present producing zone and expected new producing zone) use back of form if needed.
RECEIVED
APR 13 1987
MO Oil & Gas Council
Economic Geology

Proposed casing program				Approved casing -- To be filled in by the driller			
amt	size	wt /ft	cem.	amt	size	wt /ft	cem.
<u>20</u>	<u>7 1/2"</u>	<u>14 lb</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>599</u>	<u>4 1/2"</u>	<u>9 5/8 lb</u>	<u>80</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

I, the undersigned, state that I am the President of the Prairie Resources Corp. (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 Nicholas K. Powell President

Permit Number 20242 Drillers log required Drill stem test info. required if run
Approval Date 4-21-87 E-logs required if run Samples required
Approved By Jane Holly Williams Core analysis required if run 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
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.
originally operated by Jennings Drilling
3/12/82

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR Jennings Drilling Co. DATE Dec. 13, 1981
P.O. Box 1340 Lawrence, Kansas 66044
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Dunlap Well number # 5 Elevation (ground) 1042

WELL LOCATION (give footage from section lines)
2503 ft. from (N) (S) sec. line 1155 ft. from (E) (W) sec. line

WELL LOCATION Section 9 Township 46 Range 33 County Cass

Nearest distance from proposed location to property or lease line: 165 feet
Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: 467 feet

Proposed depth: 630 feet Rotary or Cable tools Rotary Approx. date work will start January 4, 1982

Number of acres in lease: 140 more or less Number of wells on lease, including this well, completed in or drilling to this reservoir: 5
Number of abandoned wells on lease: none

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

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: amt. 30 size 7" wt./ft. 14 lb cem. _____
Approved casing - To be filled in by State Geologist: amt. 630 size 4 1/2 wt./ft. 9 1/2 lb to top

I, the undersigned, state that I am the President of the Jennings Drilling (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: 20242
Approval Date: 12/16/81
Approved By: [Signature]

SAMPLES REQUIRED **RECEIVED**
 SAMPLES NOT REQUIRED **DEC 16 1981**

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

MISSOURI OIL & GAS COUNCIL
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

MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC - 4

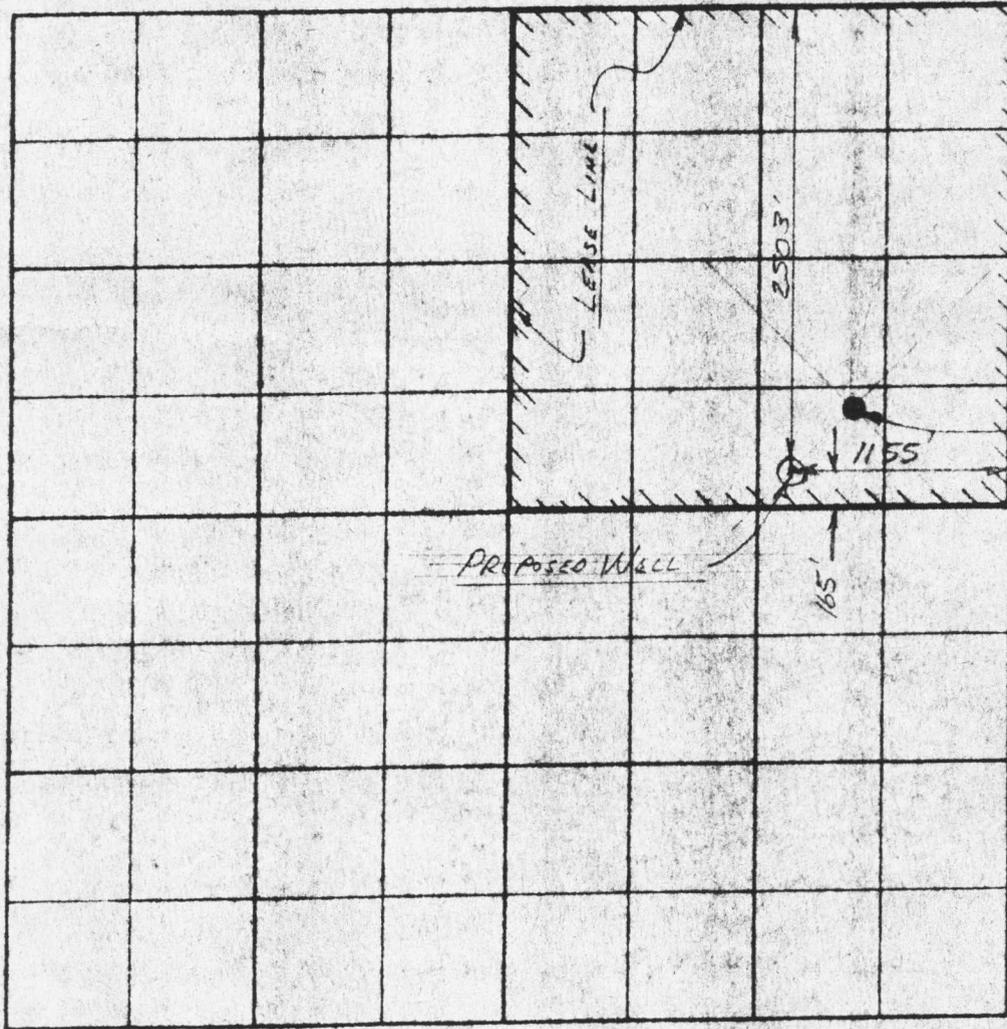
Owner: _____

Lease Name: _____

County, CASS

2503 feet from (N) - line and 1155 feet from (E) - line of Sec. 9 Twp. 46 Range 33

#5



SCALE
1" = 1000'

REMARKS: _____

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all offsetting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

Remit two copies to Missouri Oil and Gas Council
P. O. Box 250 Rolla, Mo. 65401
Case will be returned.

LAND SURVEY CO.
8703 Longview Rd.
P. O. Box 9808
K. C. MO 64134
Day 966-0839
Nite 331-1291

Roy Erhardt Jr.
Registered Land Surveyor



RECEIVED

DEC 16 1981

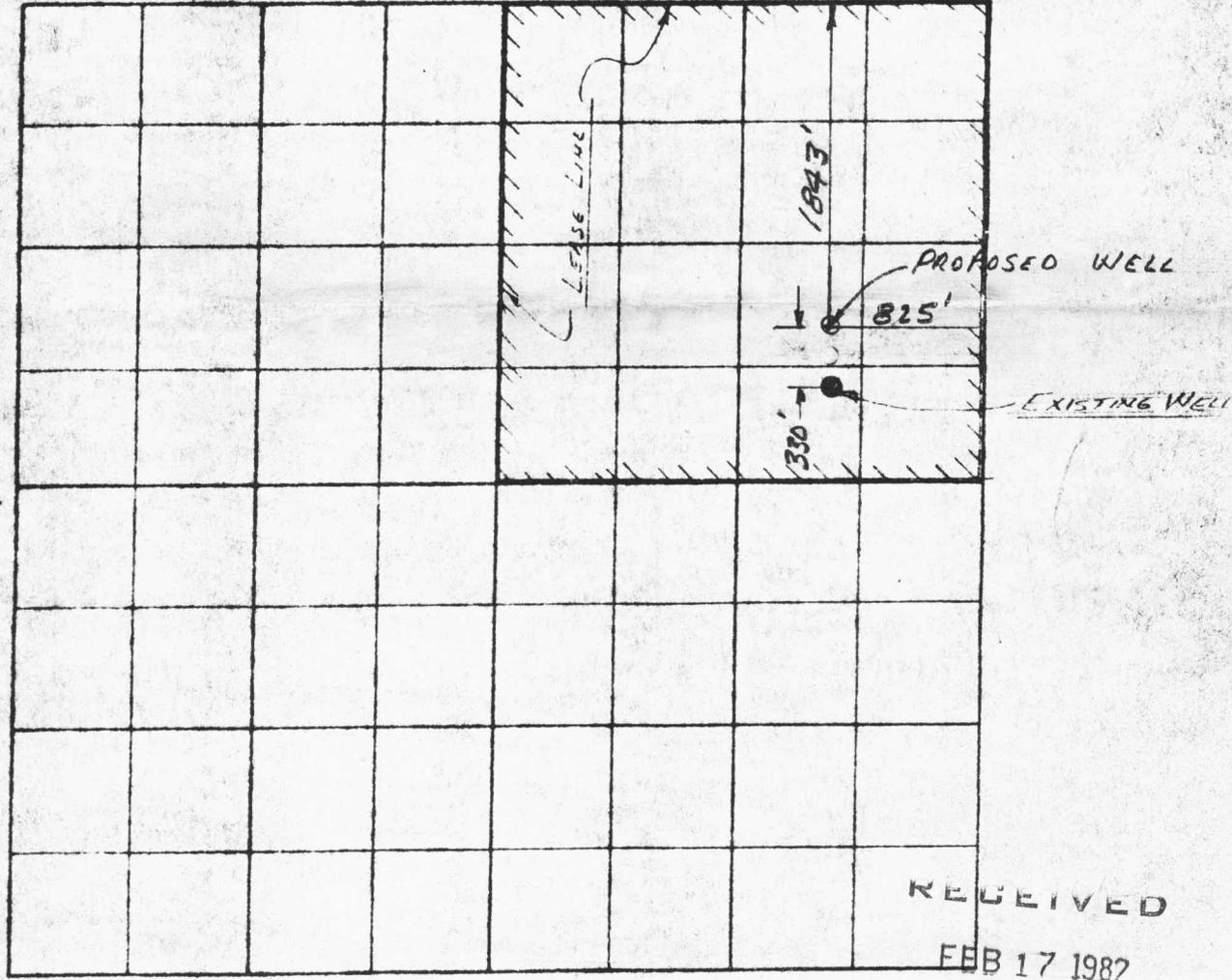
MO. OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: Jennings Drilling Co.

Lease Name: _____ County, CASS

1843 feet from (N) - line and 825 feet from (E) - line of Sec. 9 Twp. 46 Range 33



SCALE
1" = 1000'

RECEIVED
FEB 17 1982

REMARKS: _____ MO. OIL & GAS COUNCIL

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

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

LAND SURVEY CO.

8703 Longview Rd.

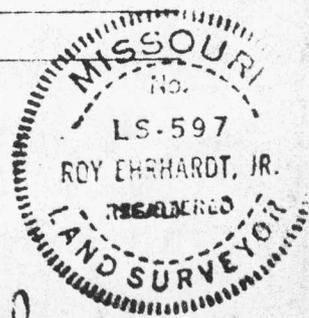
P. O. Box 9808

K. C. MO 64134

Day 966-0839

Nite 331-1291

Roy Ehrhardt Jr.



CONFIDENTIAL
RECEIVED
Date 3/5/83

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

BMV

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

Owner Jennings Drilling Co. Address 646 Louisiana Lawrence, Kansas 66044

Lease Name Dunlap Well Number 5

Location SW SW SE NE Sec. - TWP. Range of Block & Survey 9 46N 33W

County Cass Co. Permit number (OGC3 number) 20242 issued 12/18/81

Date spudded 2/3/82 Date total depth reached 630 2/4/82 Date completed, ready to produce 3/5/82 Elevation (DF, RKB, RT or Gr.) 1042 feet Gr Elevation of casing hd. flange 1 feet

Total depth 630' P. B. T. D

Producing interval (s) for this completion 550 to 565 Rotary tools used (interval) From surface to TD Drilling Fluid used air 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) IEL CDL GR/NR filed 3/16/82 Date filed 3/16/82

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"	14 lb	20'	nr	
Production	5 3/4"	4 1/2"	9 1/2 lb API	599	80	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 3/8 US in.	553 ft.		in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
553-	23/8-up-set		Frac 150 gal 15% HCL	
2 per ft	H C 60 grn	550 to 565	7,500# 10/20 & 8/12 125 BL Wtr.	550-565

INITIAL PRODUCTION

Date of first production 3/6/82 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) pumping

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
3/7/82	24 hr		25 B hbls.	TSM MCF	15 bbls.	25.5 API (Corr.)
Tubing pressure 50#	Casing pressure 50#	Cal'ed rate of Production per 24 hr.	Oil 25 bbls.	Gas TSM MCF	Water 15 bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold): burned in heater treater

Method of disposal of mud-pit contents: will back fill when dry

CERTIFICATE: I, the undersigned, state that I am the President of the Jennings Drilling 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.

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MAR 19 1982

Signature

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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Kansas City	Surface	202	Lime Stone
Wayside	310 to 316		Sand
Altamont	380	384	Lime Stone
Myrick Station	428	432	Lime Stone
Englevale	432	438	Sand
Squirrel	547	575	Sand

*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 if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

OWNER Colt Energy, Inc.		ADDRESS 304 N Jefferson, Iola, KS 66749		
NAME OF LEASE Dunlap		WELL NUMBER 5	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 20242	
LOCATION OF WELL 570FEL 2490FNL		SEC. TWP. RING OR BLOCK & SURVEY 9-46n-33W	COUNTY Cass	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF Jennings Drilling Co.		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) 25 GAS (MCF/DAY)	
DATE ABANDONED 6-26-97	TOTAL DEPTH 630	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) N/A GAS (MCF/DAY)		WATER (BBLS/DAY) N/A

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, giving amount cement.
Squirrel	Oil	550-565	

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"	20'		20'		
4½"	599'		599'		Ran 1" inside 4½" to TD & pumped 50sxs cement to surface. Pulled 1" hooked onto 4½" and squeezed well. Closed well in @175PSI Well Plugged

WAS WELL FILLED WITH MUD-LADEN FLUID?	INDICATE DEEPEST FORMATION CONTAINING FRESH WATER
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NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

NAME	ADDRESS	DIRECTION FROM THIS WELL

RECEIVED
JUL 24 1997
MO Oil & Gas Council

METHOD OF DISPOSAL OF MUD PIT CONTENTS	Pumped out pushed in
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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 Agent of the Colt 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 <i>Dennis Hershner</i>	DATE 7-22-97
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PRELIMINARY REPORT

CORE ANALYSIS RESULTS

Company JENNINGS DRILLING CO. Formation ENGLEVALE/SQUIRREL File 3406-01368
 Well DUNLOP NO. 5 Core Type DIAMOND Date Report 2/8/82
 Field _____ Drilling Fluid AIR Analysts HUDSON
 County CASS State MISSOURI Elev. _____ Location SEC. 9-46N-33W

Lithological Abbreviations

SAND - SD SHALE - SH LIME - LM	DOLOMITE - DOL CHERT - CH GYPSUM - GYP	ANHYDRITE - ANHY CONGLOMERATE - CONG FOSSILIFEROUS - FOSS	SANDY - SDY SHALY - SHY LIMY - LMY	FINE - FFI MEDIUM - MED COARSE - CSE	CRYSTALLINE - XLN GRAIN - GRN GRANULAR - GRNL	BROWN - BRN GRAY - GY VUGGY - VGY	FRACTURED - FRAC LAMINATION - LAM STYLOLITIC - STY	SLIGHTLY - SL/ VERY - V/ WITH - W/
--------------------------------------	--	---	--	--	---	---	--	--

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	

RECEIVED

CONVENTIONAL PLUG ANALYSIS

FEB 17 1982

MO. OIL & GAS COUNCIL

	436.0 - 37.0						sh, sdy
1	437.0 - 38.0	0.3	18.0	27.8	58.3	sd, lmy, sh lam, mic	CONFIDENTIAL
2	438.0 - 39.0	0.9	17.0	17.1	41.1	sd, lmy, sh lam, mic	until 2-17-83 RDK
3	439.0 - 40.0	744	20.3	20.2	36.0	sd, lmy, mic	
4	440.0 - 41.0	0.2	14.5	18.0	69.0	sd, lmy, sl/shy, mic	
	441.0 - 44.5					sh, sd lam	
	444.5 - 56.0					lost core	
	456.0 - 40.0					drilled	
	540.0 - 46.5					sh, v/slty, sl/sdy	
5	546.5 - 47.0	28	24.3	36.6	36.6	sd, sl/slty, sh lam, mic	
6	547.0 - 48.0	96	24.4	37.3	34.0	sd, sl/shy, mic	
7	548.0 - 49.0	100	25.4	43.0	30.7	sd, sl/shy, mic	
8	549.0 - 50.0	132	26.1	41.8	29.8	sd, sl/shy, mic	
	550.0 - 51.0					sh, sdy	
9	551.0 - 52.0	89	24.2	35.1	34.3	sd, lig lam, mic	
10	552.0 - 53.0	42	22.7	34.4	40.1	sd, sl/slty, lig lam, mic	
11	553.0 - 54.0	156	25.3	42.3	30.0	sd, sl/cal, sl/lig, mic	
12	554.0 - 55.0	184	24.6	40.7	31.0	sd, sl/cal, mic	

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

File 3406-01368 Page No. 2

Well DUNLOP NO. 5

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs	POROSITY PER CENT	RESIDUAL SATURATION PER CENT PORE		SAMPLE DESCRIPTION AND REMARKS
				OIL	TOTAL WATER	
13	555.0 - 56.0	230	24.8	39.5	29.8	sd/sl/cal/mic
	556.0 - 56.4					sh/cl inc
14	556.4 - 57.0	119	25.5	40.0	29.0	sd/lig lam/sl/cal/mic
15	557.0 - 58.0	13	23.7	35.0	36.7	sd/lig lam/pyr/mic
16	558.0 - 59.0	102	24.3	36.6	31.3	sd/lig lam/mic
17	559.0 - 60.0	134	25.4	38.6	30.7	sd/sl/lig/mic
18	560.0 - 61.0	126	25.7	44.0	28.4	sd/sl/lig/mic
19	561.0 - 62.0	94	24.1	42.3	32.4	sd/sl/lig/sl/cal/mic
20	562.0 - 63.0	93	27.0	42.0	29.6	sd/sl/cal/mic
21	563.0 - 64.0	206	24.7	39.7	35.2	sd/sl/cal/mic
22	564.0 - 65.0	49	24.0	40.8	34.2	sd/sl/slty/lig lam/mic
23	565.0 - 66.0	79	24.0	43.3	32.5	sd/sl/cal/mic
24	566.0 - 67.0	119	24.1	40.7	33.2	sd/sl/cal/mic
25	567.0 - 68.0	68	23.0	33.0	35.7	sd/sl/cal/lig lam/mic
26	568.0 - 69.0	179	24.2	43.0	30.2	sd/sl/cal/mic
27	569.0 - 70.0	146	24.0	31.7	40.8	sd/sl/cal/mic
28	570.0 - 71.0	115	23.5	35.7	38.0	sd/sl/cal/sl/lig/mic
29	571.0 - 72.0	116	24.1	27.8	46.1	sd/sl/cal/sl/lig/mic
30	572.0 - 73.0	44	23.5	34.0	41.7	sd/sl/lmy/lig lam/mic
31	573.0 - 74.0	46	21.2	27.8	44.8	sd/sl/lmy/mic
32	574.0 - 75.0	30	14.1	23.4	45.4	sd/lmy/mic
	575.0 - 76.0					lm

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

Martin K. Dubois

Consulting Geologist

415 State Bank Building • Winfield, Kansas 67156 • 316-221-0428

February 9, 1982

Bob Knight
Missouri Geological Survey
P.O. Box 250
Rolla, Missouri 65401

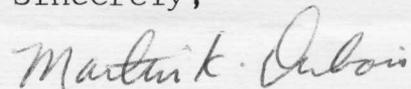
Dear Mr. Knight,

Here are samples from the Jennings Drilling Company #5 Dunlap, SW SW SE NE 9-46N-33W, Cass County Missouri. The well was drilled with air to 400' so the cuttings are extremely fine in that interval. Three cores were taken and saved. I have included chips from those cores in this set of samples.

I intend to save all cores taken on this lease for future reference. The Missouri Geological Survey will be welcome to them if you want them.

As a representative of Jennings Drilling Company, I request that samples and other information on this well remain confidential for one year or until the information is released from confidential status by a representative of Jennings Drilling Company.

Sincerely,



Martin K. Dubois

MKD:td

RECEIVED

FEB 17 1982

CERTIFICATE OF SURVEY

MO. OIL & GAS COUNCIL

CONFIDENTIAL

until 2-17-83 RDL

ORDERED BY: JENNINGS DRILLING Co.
P.O. Box 1340
LAWRENCE, KS 66044

LAND SURVEY CO.

10101 Blue Ridge Blvd.
Kansas City 34, Mo.
Phone: SO 1-0080

DESCRIPTION NE 1/4 SW 1/4 SE 1/4 NE 1/4 Sec. 9-46-33 Cass Co. Mo.

No. LINE Sec. 9-46-33 ?



- #1 - EXISTING WELL Elev. 1070
- 2 - PROPOSED WELL EL 1035
- 3 - " " EL. 1065
- 4 - " " EL. 1084
- 5 - " " EL. 1042
- ALT. #2 " " EL. 1081

Revised
12-9-81
12-10-81
2-4-82

Scale 1"=400'
Date 12-7-81
Job # 18724 M-A

This is to certify that we have this day made a survey of the premises herein described and that the results are accurately recorded on the following plat:

Roy Ehrhardt, Jr.
ROY EHRHARDT, JR.—SURVEYOR LS-597

Permit #: 20242

Date Issued: 12-18-81

County: Cass

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: _____

OGC FORMS	Date Received
1	
2	
3	12-16-81
3i	
4	2-17-82
4i	
5	3-19-82
6	
7	
8	
11	
12	
Misc. Form 2	

COMMENTS:

Prairie Resources Longinally
to Jennings Drilling Co. J
Fm @ TD Cheneka

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water		
Analyses	core		2-17-82

Additional Submitted Data: