

Permit #: 20010

Date Issued: 11-3-83

County: Adair

Date Cancelled:

CONFIDENTIAL UNTIL:

Date Plugged: 8-31-84

COMMENTS:

OGC FORMS	Date Received	Date Received
1		11-3-83
2		11-3-83
3	11-16-83	
31		
4	11-3-83	<del>11-3-83</del>
41		
5		
6	5-1-85	
7	5-1-85	
8		
11		
12		
Misc. Form 2		

	TYPE	ID #	Date Received
Logs	Drillers		
Samples	chip core		9-2-84
	water		<del>3-2-84</del>
Analyses	core		3-2-84
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

SNELL DRILLING FOR

NAME OF COMPANY OR OPERATOR VAN DYKE OIL, INC. DATE NOV. 1, 1983  
P.O. BOX 17, MT. STERLING, IL. 62353  
1302 W. PIONEER PARKWAY PEORIA ILLINOIS, 61615

Address City State

**DESCRIPTION OF WELL AND LEASE**

Name of lease <u>LEROY &amp; BARBARA ERWIN</u>		Well number <u>ERWIN WELL #1</u>	Elevation (ground) <u>915</u>
WELL LOCATION <u>1485</u> (give footage from section lines) <del>1285</del> ft. from (N) (S) sec. line <u>1815</u> ft. from (E) (W) sec. line			
WELL LOCATION Section <u>20</u> Township <u>63N</u> Range <u>13W</u>			County <u>Adair</u>
Nearest distance from proposed location to property or lease line: <u>1400'</u> feet		Distance from proposed location to nearest drilling, completed or applied for well on the same lease: <u>MIA</u> feet	
Proposed depth <u>1100</u>	Drilling contractor, name & address <u>Gary Schnell Drilling</u>	Rotary or Cable Tools <u>air</u>	Approx. date work will start <u>11-6-83</u>
Number of acres in lease		Number of wells on lease, including this well, completed in or drilling to this reservoir: <u>1</u> Number of abandoned wells on lease: <u>0</u>	
If lease, purchased with one or more wells drilled, from whom purchased: Name <u>MIA</u> Address _____			No. of Wells: producing _____ injection _____ inactive _____ abandoned _____
Status of Bond Single Well <input checked="" type="checkbox"/> Amt. <u>3000</u> Blanket Bond <input type="checkbox"/> Amt. _____ <input type="checkbox"/> ON FILE <input checked="" 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. <u>surface</u> size <u>to backhoe</u> wt./ft. _____ cem. <u>yes</u>	amt. <input checked="" type="checkbox"/> size <input checked="" type="checkbox"/> wt./ft. _____ cem. <input checked="" type="checkbox"/>	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
I, the undersigned, state that I am the _____ of the _____ (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>(inbak)</u>			

Permit Number 20010  Drillers log required  Drill stem test info. required if run  
 Approval Date 11-3-83  E-logs required if run  Samples required  
 Approved By Wallace B. Hines  Core analysis required if run  Samples not required

Note: This Permit not transferable to any other person or to any other location. **RECEIVED RECEIVED**  
 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 @**  
NOV 03 1983 NOV 16 1983

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.



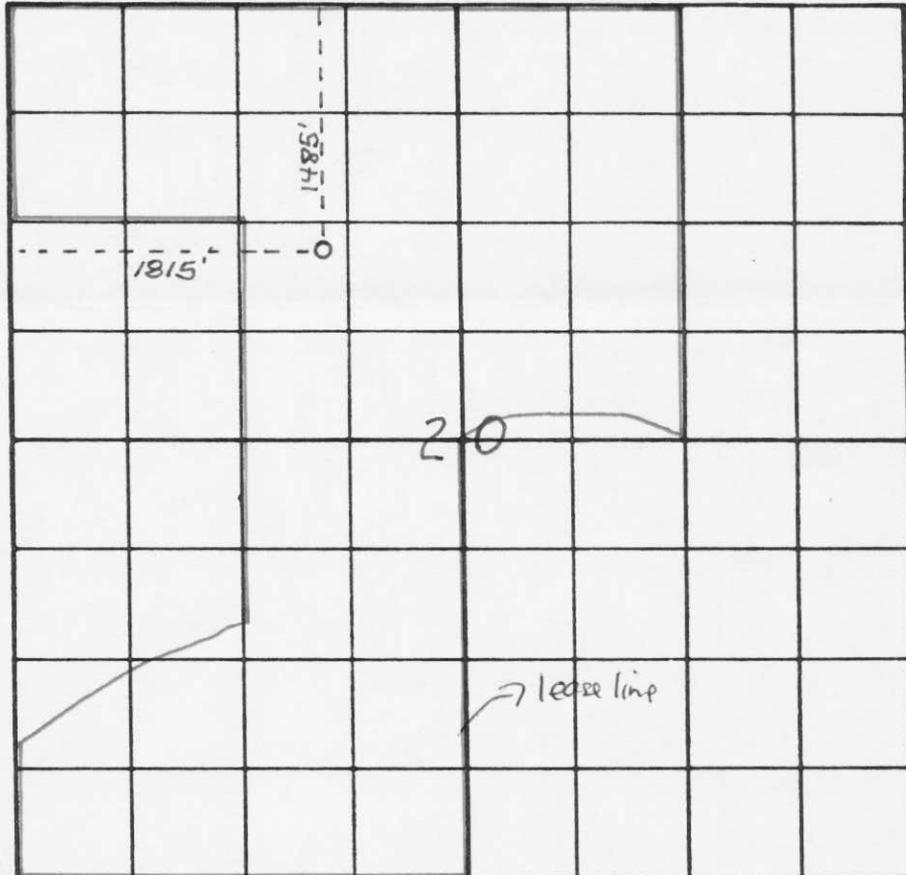
Owner: \_\_\_\_\_

Lease Name: LEROY ERWIN County: ADAIR

1815 feet from W section line and 1485 feet from N section line of Sec. 20, Twp. 63N., Range 13  
(N)-(S) (E)-(W)



SCALE  
1" = 1123'

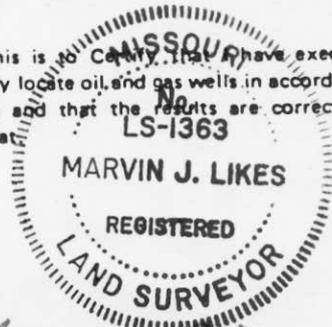


REMARKS: GROUND ELEV = 915.00

**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. Lease lines must be marked.

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.



(SEAL)

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

One will be returned.

RECEIVED

NOV 03 1983

*Marvin J. Likes*  
Registered Land Surveyor

1363

Number

## NOTICE OF INTENTION TO ABANDON WELL

Name of Lease Leroy & Barbara Erwin Date April 24, 1985Well No. Erwin Well #1 is located 1485 feet from (N)(S) section line and 1815feet from (E)(W) section line of Section 20, Township 63N, Range 13WAdair County. The elevation of the ground at well site is 915

feet above sea level.

Permit number (OGC-3 or OGC-3I number) 20010

Name and address of Contractor or Company which will do work is:

Precision Oil Field Const.208 E. Chestnut St.Mt. Sterling, Il. 62353

## Details of Work

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

RECEIVED

MAY 01 1985

MO. OIL &amp; GAS COUNCIL

CERTIFICATE: I, the undersigned, state that I am the Corporate Sec. of the Van Dyke Oil (company), and that I am authorized to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct, and complete to the best of my knowledge.

Signature

Nancee C. Lindholm  
Corporate Secretary

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

One will be returned.

PLUGGING RECORD

Owner <i>Van Dyke Oil, Inc.</i>		Address <i>1302 W. Pioneer Parkway, Peoria, Il. 61615</i>			
Name of Lease <i>Leroy &amp; Barbara Erwin</i>		Well No. <i>Erwin Well #1</i>	Permit Number (OGC-3 or OGC-3I number) <i>20010</i>		
Location of Well <i>1485 Ft. From N Sec. Line &amp; 1815 Ft. From W. Sec. Line</i>		Sec-Twp-Rng or Block & Survey <i>Sec. 20, Twp. 63N, Range 15W</i>		County <i>Adair</i>	
Application to drill this well was filed in name of <i>Van Dyke Oil, Inc.</i>		Has this well ever produced oil or gas? <i>No.</i>	Character of well at completion (initial production) Oil (bbls/day) Gas (MCF/day)		Dry? <i>Yes</i>
Date Abandoned <i>8/31/84</i>	Total depth <i>1144</i>	Amount well producing prior to abandonment Oil (bbls/day) Gas (MCF/day)		Water (bbls/day)	
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.
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
<i>7"</i>	<i>350'</i>		<i>200'</i>		
<i>Well was plugged from bottom to top with cement, 8/31/84.</i>					
Was well filled with mud-laden fluid?		Indicate deepest formation containing fresh water.			
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:			<b>RECEIVED</b>		
Use reverse side for additional detail.			<b>MAY 01 1985</b>		
File this form in duplicate with			<b>MO. OIL &amp; GAS COUNCIL</b>		
CERTIFICATE: I, the undersigned, state that I am the <u><i>Corporate Sec.</i></u> of the <u><i>Van Dyke Oil, Inc.</i></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><i>Nancy C. Lindholm</i></u> <i>Corporate Secretary</i>	

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

One will be returned.

Temporary No. \_\_\_\_\_

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Adair  
 COMPANY OR OWNER Van Dyke Oil Inc.  
 FARM Leroy and Barbara Erwin WELL NO. 1  
 LOCATION 1485 FNL 1815 FWL SEC 20 T 63N R 13W  
 CONTRACTOR/DRILLER Gary Schnell Drilling Co.  
 COMMENCED 2/13/84 COMPLETED 2/18/84  
 PRODUCTION \_\_\_\_\_  
 CASING RECORD D&A  
 WATER RECORD \_\_\_\_\_  
 SOURCE OF LOG \_\_\_\_\_  
 REMARKS Permit 20010

MGS LOG NO. Driller's

+	+	+	+
+	+	+	+
+	+	+	+
+	+	+	+

NO. SAMPLES \_\_\_\_\_ SAMPLES RECEIVED \_\_\_\_\_

ELEV. 915'  
 TOTAL DEPTH 1144'  
 SWL \_\_\_\_\_

FORMATION	FROM (ft)	TO (to)	FORMATION	FROM (ft)	TO (to)
Soil and yellow clay	0'	55'			
Gray clay	55'	85'			
Sandy clay	85'	115'			
Gray clay	115'	197'			
Coal and slate	197'	202'			
Shaly clay	202'	215'			
Gray shale	215'	270'			
Tighter shale	270'	287'			
Gray shale	287'	359'			
Gray limestone	359'	374'			
Brown limestone	374'	401'			
Gray limestone	401'	472'			
White limestone	472'	501'			
Shaly limestone	501'	518'			
Limestone	518'	537'			
Gray and brown limestone	537'	568'			
Cherty limestone w/ green shale	568'	591'			
Green shaly limestone w/ chert	591'	609'			
Shaly white limestone	609'	617'			
Limestone	617'	659'			
Cherty limestone	659'	688'			
Shale break	688'	690'			
Limestone and chert	690'	710'			
Limestone	710'	752'			
Brown shale	752'	959'			
Limestone	959'	1036'			
Shaly limestone	1036'	1041'			
Limestone	1041'	1141'			
Chert & Flint mixed w/ broken ls.	1141'	1144'			
Total depth	1144'				

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES

Box 250

Rolla, Missouri 65401

T.D. 1144'

County: ADAIR

Erwin #1

Owner: VAN DYKE OIL CO.

1302 W. Pioneer Pkwy.

Location: SEC 20-T63N-R13W

Peoria, Ill. ~~61615~~

Analysis No.: 9019

61615

Analyst: Gene Lovell

Collector: \_\_\_\_\_

Date Collected: 2-19-84

Date Analyzed: 3-2-84

CONSTITUENTS	IN PARTS PER MILLION
Turbidity . . . . .	-
Odor . . . . .	-
pH (LAB) . . . . .	8.3
Alkalinity (CaCO <sub>3</sub> ) . . . . .	185.1
Phenolphthalein . . . . .	24.4
Methyl Orange . . . . .	160.7
Carbonate (CO <sub>3</sub> ) . . . . .	14.6
Bicarbonate (HCO <sub>3</sub> ) . . . . .	195.9
Silica (SiO <sub>2</sub> ) . . . . .	-
Aluminum (Al) . . . . .	-
Calcium (Ca) . . . . .	324
Magnesium (Mg) . . . . .	76
Sodium (Na) . . . . .	177
Potassium (K) . . . . .	8.8
Total Manganese (Mn) . . . . .	0.62
Total Iron (Fe) . . . . .	0.06
Sulfate (SO <sub>4</sub> ) . . . . .	875
Chloride (Cl) . . . . .	27
Nitrate-Nitrogen (NO <sub>3</sub> -N) (spot test) . . . . .	21
Fluoride (F) . . . . .	-
Total Dissolved Solids . . . . .	1944
Total Hardness . . . . .	1123.2
Carbonate Hardness . . . . .	185.1
Non-carbonate Hardness . . . . .	938.1

Remarks:

Copies To:



(3) - MMS Jerry Erwin  
 (Adair Ave.)

Elevation = 907.8 + 16

- 1046/1051 - Oil stain Dead fine/shaly (No Show) 923.8 feet
- 1051/1056 - Water Bearing line / Dis No pres. Shaly
- 1056/1061 - White fine shaly Dis No pres. Shaly 8" per Minute
- 1061/1066 - Gray limestone Dis. No pres. tight 5" per min
- 1066/1071 - " " " " " "
- 1071/1076 - shaly limestone tight no floor.
- 1076/1081 - shaly limestone tight ~ (No Show) = H<sup>20</sup>
- 1081/1086 - limestone very hard
- 1086/1091 - limestone very hard some chert & flint. H<sup>20</sup>
- 1091/1096 - limestone very hard
- 1096/1101 - limestone very hard Dis. chert & flint H<sup>20</sup> 325 ps
- 1101/1106 - " " " " " " ✓ 325 ps
- 1106/1111 - " " " " " " ✓ 325 ps
- 1111/1116 - " " " " " " ✓ 325 ps
- 1116/1121 - limestone " " " " " " - water 350 ft
- 1121/1126 - limestone (Broken) Big water H<sup>20</sup> 36
- 1126/1131 - limestone (Broken) shaly Big water H<sup>20</sup> 40
- 1131/1136 - limestone Broken & shaly Floor 10% show 420
- 1136/1141 - limestone " " Floor 10% show Distinct
- 1141/1146 - Frack lime chert & flint. water H<sup>20</sup>

Total Depth - 1444 ft.

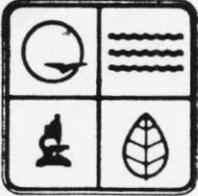
T. D. 1144

Log By Jerry Erwin  
 Schnell Drilling -

- 1151/1156
- 1156/1161
- 1161/1166
- 1166/1171
- 1171/1176
- 1176/1181
- 1181/1186
- 1186/1191
- 1191/1196
- 1196/1201

RECEIVED  
 FEB 29 1984  
 MO. OIL & GAS COUNCIL





**MISSOURI DEPARTMENT OF NATURAL RESOURCES**

P.O. Box 250 Rolla, Missouri 65401 (314) 364-1752

April 18, 1984

Ms. Nancee C. Lindholm,  
Vice-President  
Van Dyke Oil, Inc.  
1302 West Pioneer Parkway  
Peoria, IL 61615

Ms. Lindholm:

On November 03, 1983 the following well was permitted to Van Dyke Oil Company, Inc.

<u>Lease Name &amp; Number</u>	<u>Location</u>	<u>County</u>	<u>Permit Number</u>
Erwin #1	Sec.20,T63N,R13E	Adair	20010

I have not received a plugging report (OGC-7) or a completion report (OGC-5) on this well.

Since this information is already overdue, please respond within 2 weeks. Attached you will find 2 excerpts from the Oil and Gas Council Rules and Regulations that pertain to your situation.

Please let me know the status of this well and your intentions for same.

I will be looking forward to hearing from you in the near future.

Sincerely,

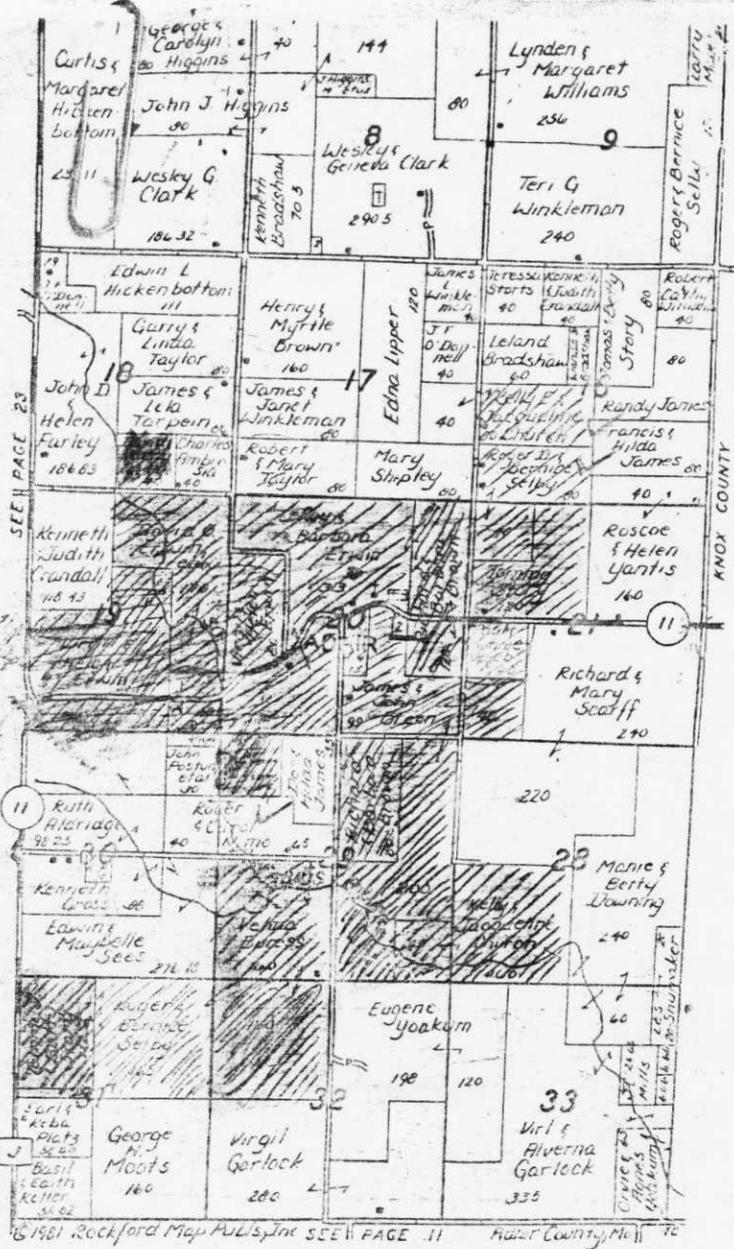
Bruce W. Netzler, Geologist  
Economic Geology Section

BWN:lm

Enclosure

**John D. Ashcroft** Governor

Division of Geology and Land Survey  
**Wallace B. Howe** Director



KIRKSVILLE, MO.  
Adair.

1925 ARCES

*Environ*

63388  
 210 Walnut WENTZVILLE  
 300AC  
 314-337-6920  
 3027 Wagonwheel Dr  
 319-353-7720

RECEIVED  
 FEB 29 1984  
 MO. OIL & GAS COUNCIL