

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR S. R. McCaughey DATE September 1, 1981

RR #1, Box 160A Gardner Kansas 66030  
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease Overfelt Well number 1 Elevation (ground) 975

WELL LOCATION (give footage from section lines)  
1481 ft. from  (S) sec. line 1155 ft. from  (W) sec. line

WELL LOCATION Section 32 Township 45 Range 32 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: 479 feet

Proposed depth: 700' Rotary or Cable tools Rotary Approx. date work will start Sept. 25, 1981

Number of acres in lease: Approx. 560 Number of wells on lease, including this well, completed in or drilling to this reservoir: none / 1  
Number of abandoned wells on lease: 7

If lease, purchased with one or more wells drilled, from whom purchased: Name N/A No. of Wells: producing \_\_\_\_\_ inactive \_\_\_\_\_ abandoned \_\_\_\_\_  
Address \_\_\_\_\_

Status of Bond Single Well  Amt. \$2,000.00 Blanket Bond  Amt. \_\_\_\_\_  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.  
N/A

| Proposed casing program: |               |             |                | Approved casing - To be filled in by State Geologist |       |         |       |
|--------------------------|---------------|-------------|----------------|--|-------|---------|-------|
| amt.                     | size          | wt./ft.     | cem.           | amt.   | size  | wt./ft. | cem.  |
| <u>20'</u>               | <u>6 1/4"</u> | <u>12</u>   | <u>3 sacks</u> | _____  | _____ | _____   | _____ |
| <u>T.D.</u>              | <u>2"</u>     | <u>3.75</u> | <u>T.D.</u>    | _____  | _____ | _____   | _____ |
| _____                    | _____         | _____       | _____          | _____  | _____ | _____   | _____ |

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 S. R. McCaughey

Permit Number: 20215 RECEIVED  SAMPLES REQUIRED  SAMPLES NOT REQUIRED  
Approval Date: 9/14/81 SEP 14 1981  
Approved By: Wallace B. Howe

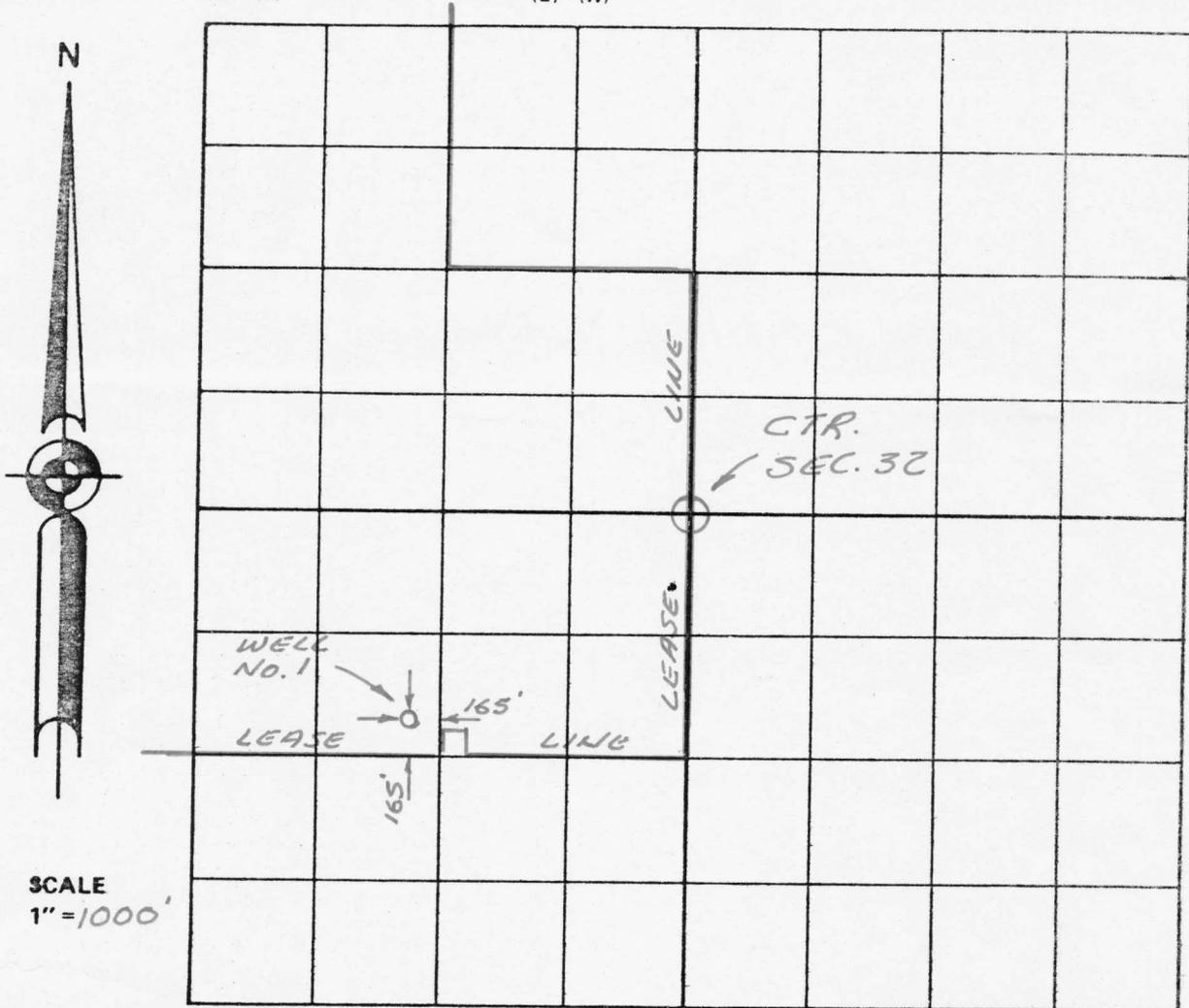
Note: This Permit not transferable to any other person or to any other location. MO. OIL & GAS COUNCIL WATER SAMPLES REQUIRED @:  
Remit two copies to: Missouri Oil and Gas Council P.O. Box 250 Rolla, Mo. 65401  
One will be returned. This permit by the Oil and Gas Council does not constitute endorsement of the geologic merits of the proposed well nor endorsement of the qualifications of the permittee.

MISSOURI OIL AND GAS COUNCIL  
WELL LOCATION PLAT

Form OGC-4

Owner: S.R. McCaughey

Lease Name: Charles R. Overfelt County: Cass  
1481 feet from South line and 1155 feet from West line  
 of Sec. 32, Twp. 45 N, Range 32  
 (N) - (S) (E) - (W)



SCALE  
1" = 1000'

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 Well No. 1  
 \_\_\_\_\_  
 Elevation 975  
 \_\_\_\_\_  
 \_\_\_\_\_

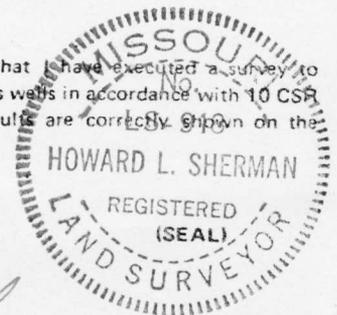
INSTRUCTIONS

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.

RECEIVED

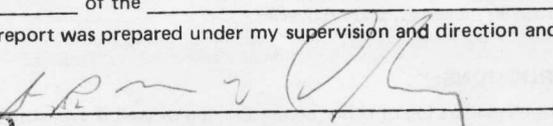
SEP 14 1981



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 P.O. Box 250, Rolla, Mo. 65401  
 One will be returned.

MISSOURI OIL & GAS COUNCIL  
*Howard L. Sherman*  
 Registered Land Surveyor Number 918

PLUGGING RECORD

|  |                    |  |   |  |  |
|--|--------------------|--|---|--|--|
| Owner<br>S. R. McCaughey   |                    | Address<br>RR #1, Box 160A Gardner, KS. 66030                        |   |  |  |
| Name of Lease<br>Overfelt  |                    | Well No.<br>1  | Permit Number (OGC-3 or OGC-3I number)<br>20215   |  |  |
| Location of Well<br>1481' from S. sec. line 1155' from W. sec. line  |                    | 32-45-32<br>Sec-Twp-Rng or Block & Survey                            |   | County<br>Cass   |  |
| Application to drill this well was filed in name of<br>S. R. McCaughey   |                    | Has this well ever produced oil or gas?<br>No                        | Character of well at completion (initial production)<br>Oil (bbls/day)<br>Gas (MCF/day) |  | Dry?<br>Yes  |
| Date Abandoned<br>10-8-81  | Total depth<br>580 | Amount well producing prior to abandonment<br>Oil (bbls/day)<br>None |   | Gas (MCF/day)<br>None  |  |
| Water (bbls/day)<br>None   |                    |  |   |  |  |
| 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.      |
|  |                    |  |   | 5 sacks cement at  | 255 feet   |
|  |                    |  |   | 9 sacks cement at  | 75 feet on rock & brush bridge   |
|  |                    |  |   |  |  |
|  |                    |  |   |  |  |
| 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  |
| 6 1/4"   | cut off below plow | depth  |   |  |  |
|  |                    |  |   |  |  |
|  |                    |  |   |  |  |
|  |                    |  |   |  |  |
| 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:<br>Covered with dirt   |                    |  |   |  |  |
| Use reverse side for additional detail.  |                    |  |   |  |  |
| File this form in duplicate with   |                    |  |   |  |  |
| CERTIFICATE: I, the undersigned, state that I am the <u>operator</u> 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  |
| <b>RECEIVED</b>  |                    |  |   |  |  |

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P.O. Box 250, Rolla, MO 65401

MAY 21 1982

One will be returned.

MO. OIL & GAS COUNCIL

3/12/82

# TOWN OIL COMPANY

"Drilling and Production"

913-294-2125

Route 4  
Paola, Kansas 66071

Well #1  
Farm: Overfelt  
Cass County, MO.  
Lease Owner: S. R. McCaughey

Comp. 10-8-81

## WELL LOG

| Thickness<br>of Strata | Formation       | Total<br>Depth      |
|------------------------|-----------------|---------------------|
| 6                      | Soil & clay     | 6                   |
| 15                     | Lime            | 21 Winterset        |
| 7                      | Shale & slate   | 28                  |
| 20                     | Lime            | 48 Beathnay falls   |
| 6                      | Shale & slate   | 54                  |
| 2                      | Lime            | 56 K.C.             |
| 3                      | Shale & slate   | 59                  |
| 6                      | Lime            | 65 Hertha           |
| 4                      | Shale           | 69                  |
| 3                      | Lime shells     | 72                  |
| 47                     | Shale           | 119                 |
| 9                      | Sand            | 128 Dry             |
| 127                    | Sandy shale     | 255                 |
| 4                      | Lime            | 259                 |
| 5                      | Shale           | 264                 |
| 9                      | Lime            | 273 Brown           |
| 1                      | Shale           | 274                 |
| 4                      | Sand broken     | 278 Bandera Good oi |
| 12                     | Shale dk.       | 290 show            |
| 5                      | Lime            | 295                 |
| 3                      | Slate           | 298                 |
| 5                      | Lime            | 303                 |
| 4                      | Shale           | 307                 |
| 8                      | Lime            | 315                 |
| 3                      | Shale           | 318                 |
| 7                      | Lime shells     | 325                 |
| 9                      | Lime            | 334 Ft. Scott Hard  |
| 2                      | Shale           | 336 Brown           |
| 3                      | Slate           | 339 Water           |
| 2                      | Dk. shale       | 341                 |
| 9                      | Lime shells     | 350                 |
| 11                     | Shale           | 361                 |
| 7                      | Coal or slate   | 368                 |
| 5                      | Lt. shale       | 373                 |
| 37                     | Sandy shale     | 410                 |
| 8                      | Sand            | 418                 |
| 2                      | Slate           | 420                 |
| 28                     | Lt. sandy shale | 468                 |
| 3                      | White sand      | 471                 |
| 15                     | Dk. shale       | 486                 |

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JUN 01 1982

MO. OIL & GAS COUN

Well #1  
Farm: Overfelt  
Cass County, MO.  
Lease Owner: S. R. McCaughey

WELL LOG (cont'd)

| Thickness<br>of Strata | Formation  | Total<br>Depth |
|------------------------|------------|----------------|
| 1                      | Lime       | 487            |
| 13                     | White sand | 500            |
| 6                      | Lime       | 506 Hard white |
| 9                      | Dk. shale  | 515            |
| 3                      | Slate      | 518            |
| 47                     | Dk. shale  | 565            |
| 1                      | Lime       | 566            |
| 7                      | Dk. shale  | 573            |
| 7                      | White sand | 580            |
|                        |            | TD 580         |

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JUN 01 1982  
MO. OIL & GAS COUNCIL

Permit #: 20215

Date Issued: 9-18-81

County: Cass

Date Cancelled: \_\_\_\_\_

CONFIDENTIAL UNTIL: \_\_\_\_\_

Date Plugged: 10-8-81

COMMENTS:

| OGC FORMS    | Date Received |
|--------------|---------------|
| 1            |               |
| 2            | 9-14-81       |
| 3            | 9-14-81       |
| 3i           |               |
| 4            | 9-14-81       |
| 4i           |               |
| 5            |               |
| 6            |               |
| 7            | 5-21-82       |
| 8            |               |
| 11           |               |
| 12           |               |
| Misc. Form 2 |               |

|                            | TYPE      | ID # | Date Received |
|----------------------------|-----------|------|---------------|
| Logs                       | well log  |      | 6-1-82        |
| Samples                    | chip core |      |               |
| Analyses                   | water     |      |               |
|                            | core      |      |               |
| Additional Submitted Data: |           |      |               |