

15-097-20 '09-0000

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Bldg.  
Wichita, Kansas 67202

Form CP-4  
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit

COUNTY Kiowa SEC. 31 TWP. 30S RGE. 17W E/W  
Location as in quarters or footage from lines:  
SW NW

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Locate Well  
correctly on above  
Section Platt.

Lease Owner M.L. Brown Co.  
 Lease Name PEASTER Well No. 1  
 Office Address 209 E. William, Wichita, KS 67202  
 Character of Well (Completed as Oil, Gas or Dry Hole): Dry Hole  
 Date Well Completed October 1, 1981  
 Application for plugging filed October 1, 1981  
 Plugging commenced October 1, 1981  
 Plugging completed October 1, 1981  
 Reason for abandonment of well or producing formation  
No commercial quantity of oil or gas encountered.  
 Was permission obtained from the Conservation Division or it's  
 Agent's before plugging was commenced? YES

Name of Conservation Agent who supervised plugging of this well Paul Luthi  
Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 5189'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS Casing Record

| Formation | Content | From | To | Size | Put in | Pulled Out |
|-----------|---------|------|----|------|--------|------------|
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Set 1st plug @ 1050' with 90 sacks.  
Set 2nd plug @ 40' Solid Bridge with 10 sx.  
5 sx. in Rathole. 60-40 posmix, 4% gel.  
Plug was down @ 6:30 a.m., 10/01/81.

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Abercrombie Drilling, Inc.

10-13-1981

STATE OF Kansas COUNTY OF Sedgwick, ss.  
Jack L. Partridge, Vice Pres. (employee of owner) or (owner or operator) of the  
 above-described well, being first duly sworn on oath, says: That I have knowledge of the  
 facts, statements, and matters herein contained and the log of the above-described well as  
 filed and that the same are true and correct. So help me God.

(Signature) Jack L. Partridge  
 801 Union Center, Wichita, KS 67202  
 (Address)

RECEIVED  
STATE CORPORATION COMMISSION

10/13/81

CONSERVATION DIVISION  
Wichita, Kansas

SUBSCRIBED AND SWORN TO before me this 7th day of October, 19 81

Elizabeth G. Terry  
 Elizabeth G. Terry  
 Notary Public  
 STATE OF KANSAS

My Commission expires: 7-13-85

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Bldg.  
Wichita, Kansas 67202

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Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit

COUNTY Kiowa SEC. 31 TWP. 30S RGE. 17W E/W  
Location as in quarters or footage from lines:  
SW NW

|  |  |  |  |
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No commercial quantity of oil or gas encountered.

Was permission obtained from the Conservation Division or it's  
Agent's before plugging was commenced? YES

Name of Conservation Agent who supervised plugging of this well Paul Luthi

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D.: 5189'

Show depth and thickness of all water, oil and gas formations. #1168.64

OIL, GAS OR WATER RECORDS Casing Record

| Formation | Content | From | To | Size | Put in | Pulled Out |
|-----------|---------|------|----|------|--------|------------|
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |
|           |         |      |    |      |        |            |

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

Set 1st plug @ 1050' with 90 sacks.  
Set 2nd plug @ 40' Solid Bridge with 10 sx.  
5 sx. in Rathole. 60-40 posmix, 4% gel.

Plug was down @ 6:30 a.m., 10/01/81.

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Abercrombie Drilling, Inc.

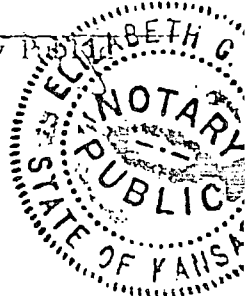
STATE OF Kansas COUNTY OF Sedgwick, ss.

Jack L. Partridge, Vice Pres. (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Jack L. Partridge  
801 Union Center, Wichita, KS 6720  
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of October, 19 81

My Commission expires: 7-13-85

Elizabeth G. Terry Notary Public  
NOV 01 1981  
FROM CONFIDENTIAL  


CONTRACTORS WELL LOG

OPERATOR: M.L. Brown Co.  
 CONTRACTOR: Abercrombie Drilling, Inc.  
 WELL NAME: PEASTER #1  
 LOCATION: SW NW, Sec. 31-30S-17W,  
 Kiowa County, Kansas  
 SPUD DATE: 9/15/81  
 COMPLETION DATE: 10/01/81

|      |      |                    |
|------|------|--------------------|
| 0    | 198  | Red Bed & Sand     |
| 198  | 1030 | Red Bed            |
| 1030 | 2275 | Red Bed & Shale    |
| 2275 | 2500 | Shale              |
| 2500 | 2725 | Shale & Lime       |
| 2725 | 5081 | Lime & Shale       |
| 5081 | 5189 | Lime               |
|      | 5189 | Rotary Total Depth |

Spud hole @ 12:30 p.m., 9/15/81. Drilled 1030' of a 12 1/4" hole. Ran 32 joints of 8 5/8" 24# casing set @ 1023.68' and cemented with 250 sx. of Halliburton Lite, 3% c.c., 1/2# Flocel per sx. Plug was down @ 1:30 p.m., 9/16/81. Cement did not circulate. Ran 140' 1" pipe and cemented with 200 sacks Class A, 3% c.c. Job complete @ 5:30 a.m., 9/17/81.

5189' TD. Set 1st plug @ 1050' with 90 sacks. Set 2nd plug @ 40' Solid Bridge with 10 sacks. 5 sacks in Rathole. 60-40 posmix, 4% gel. Plug was down @ 6:30 a.m., 10/01/81.

STATE OF KANSAS )  
 ) SS  
 COUNTY OF SEDGWICK )


Jack L. Partridge, Vice President of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the log of the PEASTER #1, SW NW, Sec. 31-30S-17W, Kiowa County, Kansas.

ABERCROMBIE DRILLING, INC.

BY: Jack L. Partridge  
 Jack L. Partridge, Vice Pres.

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state, as of this 7th day of October, 1981.

my commission expires 7-13-85

Elizabeth G. Terry  
 Elizabeth G. Terry  
 NOTARY PUBLIC  
 RECEIVED  
 STATE CORPORATION COMMISSION  
 OCT 13 1981  
 CONSERVATION DIVISION  
 Wichita, Kansas  


KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOG

S. 31 T. 30S R. 17W E  
W

API No. 15 — 097 — 20,769 — 0000  
County Number

Loc. C SW NW

County Kiowa

Operator  
The Maurice L. Brown Company

Address  
200 Sutton Bldg. Wichita, Kansas 67202

Well No. 1 Lease Name Peaster

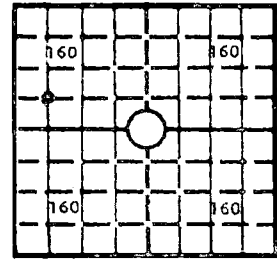
Footage Location  
1980 feet from (N) line 660 feet from (W) line

Principal Contractor Abercrombie Drilling Co. Geologist Ray Palmer

Spud Date 9-15-81 Date Completed 9-30-81 Total Depth 5180' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser P & A

640 Acres  
N



Elev.: Gr. 2165'

DF KB 2173'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks      | Type and percent additives               |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|------------|--|
| Surface           | 12 1/2"           | 8-5/8"                    | 24#            | 1023.69'      | HLC Class A | 250<br>150 | 3%CC, 1/2# Flo/sx.<br>3%CC, 1/2# Flo/sx. |
|                   |                   |                           |                |               |             |            |  |
|                   |                   |                           |                |               |             |            |  |
|                   |                   |                           |                |               |             |            |  |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
|          |             |              |               |             |                |
|          |             |              |               |             |                |
|          |             |              |               |             |                |

TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
|      |               |               |
|      |               |               |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
|                                  |                        |
|                                  |                        |
|                                  |                        |

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Wichita, Kansas

INITIAL PRODUCTION

|  |  |            |                                 |               |      |
|--|--|------------|---------------------------------|---------------|------|
| Date of first production                           | Producing method (flowing, pumping, gas lift, etc.)<br>P & A |            |                                 |               |      |
| RATE OF PRODUCTION PER 24 HOURS                    | Oil<br>bbls.   | Gas<br>MCF | Water<br>bbls.                  | Gas-oil ratio | CFPB |
| Disposition of gas (vented, used on lease or sold) |  |            | Producing interval (s)<br>P & A |               |      |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator

The Maurice L. Brown Company

DESIGNATE TYPE OF COMP.: OIL, GAS,  
DRY HOLE, SWDW, ETC.:  
Dry Hole

Well No:

1

Lease Name

Peaster

S 31 T 30SR 17WE  
W

**WELL LOG**

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 |
|---------------------------------------|-----|--------|------|-------|
| See attached Sheets                   |     |        |      |       |

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*J. H. Rowland*

Signature

Drilling Manager

Title

10-5-81

Date

REMARKS:

All measurements are from Kelly Bushing. RTD was 5180 feet. LTD was 5179 feet (-3006).

One foot drilling time was plotted from 4100 feet to TD. Ten foot samples were saved from 4100 feet to TD.

Five drill stem tests were taken covering Kansas City, Marmaton 'X', and Mississippian zones.

Circulation was lost at 670 feet. The hole was dry. Drilled to 870 feet where returns were obtained.

As seems to be the rule in this immediate area, the Cherokee shales sloughed continually from the time they were drilled until the hole was drilled to TD.

FORMATIONS:

The following are the depths and datums of formation tops encountered as determined by sample and electrical/nuclear log analysis.

| <u>Formation</u>   | <u>Sample</u> | <u>Log</u> | <u>Datum</u> |
|--------------------|---------------|------------|--------------|
| Heebner            | 4220          | 4218       | -2045        |
| Brown Lime         | 4389          | 4387       | -2214        |
| Lansing            | 4405          | 4402       | -2220        |
| Base Kansas City   | 4819          | 4821       | -2648        |
| Marmaton           | 4835          | 4834       | -2661        |
| Marmaton 'X'       | 4878          | 4878       | -2705        |
| Cherokee           | 4967          | 4967       | -2794        |
| Rew. Mississippian | 5028          | 5027       | -2854        |
| Sol. Mississippian | 5061          | 5061       | -2888        |
| TD                 | 5180          | 5179       | -3006        |

DRILL STEM TESTS:

A geological log is included with this report and is considered a part of it. Refer to it for sample descriptions. The following are drill stem test results.

Kansas City 'G', 4582 feet (4578 EL)

DST NO. 1  
4572-4592 feet

Open 90 minutes, weak blow increased throughout to 6". Shut-in 60 minutes. Open 90 minutes, weak blow increased throughout to 8". Shut-in 90 minutes.  
Recovered 680 feet of salt water.

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DRILL STEM TESTS (Cont'd):

Kansas City 'G' (Cont'd)

|                               |                          |                  |
|-------------------------------|--------------------------|------------------|
| Recovery Rw's                 | Initial Hydrostatic Head | 2352 psi         |
|                               | Initial Flow Pressure    | 81-195 psi       |
| Pit .229 @ 790                | Initial Shut-in Pressure | 1643 psi         |
| Top .116 @ 790                | Final Flow Pressure      | 195-292 psi      |
| Middle .048 @ 78 <sup>0</sup> | Final Shut-in Pressure   | 1643 psi         |
| Bottom .047 @ 78 <sup>0</sup> | Final Hydrostatic Head   | 2223 psi         |
|                               | Temperature              | 110 <sup>0</sup> |

Marmaton 'X', 4835 feet (4834 EL)

DST NO. 2  
4869-4915 feet

Open 60 minutes, weak blow. Shut-in 60 minutes. Open 60 minutes, strong decreasing blow. Shut-in 90 minutes. Recovered 380 feet of very thick mud.

|                          |                   |
|--------------------------|-------------------|
| Initial Hydrostatic Head | 2452 psi          |
| Initial Flow Pressure    | 62-165 (plugging) |
| Initial Shut-in Pressure | 412 psi           |
| Final Flow Pressure      | 41-83 psi         |
| Final Shut-in Pressure   | 515 psi           |
| Final Hydrostatic Head   | 2349 psi          |
| Temperature              | 115 <sup>0</sup>  |

Rew. Mississippian, 5028 feet (5027 EL)

DST NO. 3  
4995-5047 feet

Open 60 minutes, weak intermittent blow. Shut-in 60 minutes. Open 90 minutes, strong blow died, attempted to flush tool, strong blow, gas-to-surface in 87 minutes, TSTM. Shut-in 120 minutes. Recovered 150 feet of gas cut mud, and 13 feet of gas and slightly oil cut mud.

|                          |                  |
|--------------------------|------------------|
| Initial Hydrostatic Head | 2532 psi         |
| Initial Flow Pressure    | plugged          |
| Initial Shut-in Pressure | 595 psi          |
| Final Flow Pressure      | 40-100 psi       |
| Final Shut-in Pressure   | 1304 psi         |
| Final Hydrostatic Head   | 2532 psi         |
| Temperature              | 105 <sup>0</sup> |

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Wichita Kansas

DRILL STEM TESTS (Cont'd):

Sol. Mississippian, 5061 feet (5061 EL)

DST NO. 4  
5051-5069 feet

Open 60 minutes, weak blow increased to strong, gas-to-surface in 57 minutes, TSTM. Shut-in 60 minutes. Open 60 minutes, gas immediately, gauge 19 mcf, then TSTM. Shut-in 90 minutes.

Recovered 60 feet of gas cut mud, 60 feet of gas and oil cut mud, 63 feet of mud cut gas and oil, and 10 feet of heavily gas and oil cut mud.

|                          |           |
|--------------------------|-----------|
| Initial Hydrostatic Head | 2551 psi  |
| Initial Flow Pressure    | 60-60 psi |
| Initial Shut-in Pressure | 1343 psi  |
| Final Flow Pressure      | 60-60 psi |
| Final Shut-in Pressure   | 1422 psi  |
| Final Hydrostatic Head   | 2393 psi  |
| Temperature              | 105°      |

Raw. and Sol. Mississippian

DST NO. 5  
5094-5098 feet  
Log Measurements  
Straddle Test

Open 90 minutes, strong blow in 1 1/2 minutes. Shut-in 90 minutes. Open 120 minutes, strong blow, gas-to-surface in 105 minutes, gauge 6-39 mcf for remainder of period. Shut-in 120 minutes.

Recovered 360 feet of gas cut mud with a very slight scour of oil.

|                          |             |
|--------------------------|-------------|
| Initial Hydrostatic Head | 2502 psi    |
| Initial Flow Pressure    | 82-137 psi  |
| Initial Shut-in Pressure | 457 psi     |
| Final Flow Pressure      | 119-174 psi |
| Final Shut-in Pressure   | 639 psi     |
| Final Hydrostatic Head   | 2502 psi    |
| Temperature              | --          |

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