API No. 15 007-22733-00-00
County: Barber County, Kansas

Well History - Description of Well & Lease

Operator: License # ___________
Name: M&M Exploration, Inc.
Address: 3173 W. 11th Ave Dr.
City/State/Zip: Broomfield CO 80020

Purchaser:
Operator Contact Person: Mike Austin
Phone: (303) 466-6227
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Mike Pollock
Designate Type of Completion:

X New Well ___ Re-Entry ___ Workover ___
Oil SWD SIOW Temp. Abd.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: ___________ Original Total Depth:
Deepening Re-perf. Conv. to Enhr./SWD Plug Back
Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No.

03-10-03 03-21-03 04-04-03
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan [See the Reservoir
Chloride content ppm Fluid volume bbls
Dewatering method used: Haul Off to Disposal
Location of fluid disposal if hauled offsite:

Operator Name: Oil Producers, Inc. of Kansas
Lease Name: May 13-3 SWD License No.: 8061

Quarter NW Sec. 13 Twp. 35 S. R. 16 ~ East ~ West
County: Comanche Docket No.: D-27726

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2076, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: President Date: 6-19-03

Subscribed and sworn to before me this 19th day of June 2003

[Signature]
Justice of the Peace
My Commission Expires July 19, 2003
**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

**Drill Stem Tests Taken**
(Attach Additional Sheets)

<table>
<thead>
<tr>
<th>Samples Sent to Geological Survey</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cores Taken</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Electric Log Run</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**List All E. Logs Run:**
Array Induction/Microlog
Comp Neutron-Density
Comp Sonic

<table>
<thead>
<tr>
<th>Log</th>
<th>Formation (Top), Depth and Datum</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penn</td>
<td>3024 -1377</td>
<td></td>
</tr>
<tr>
<td>Heebner</td>
<td>3922 -2275</td>
<td></td>
</tr>
<tr>
<td>Lansing</td>
<td>4128 -2481</td>
<td></td>
</tr>
<tr>
<td>Miss</td>
<td>4772 -3125</td>
<td></td>
</tr>
<tr>
<td>Viola</td>
<td>5046 -3399</td>
<td></td>
</tr>
<tr>
<td>Simpson Sand</td>
<td>5225 -3578</td>
<td></td>
</tr>
<tr>
<td>Arbuckle</td>
<td>5336 -3689</td>
<td></td>
</tr>
</tbody>
</table>

---

**Casing Record**
(Attach Additional Sheets)

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (In O.D.)</th>
<th>Weight Lbs. / Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement</th>
<th># Sacs Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor</td>
<td>20&quot;</td>
<td></td>
<td></td>
<td>60'</td>
<td>ALW Class A</td>
<td>275</td>
<td>3%cc 1/4# floccle</td>
</tr>
<tr>
<td>Surface</td>
<td>12-1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>965'</td>
<td>ASC</td>
<td>175</td>
<td>5# Kolseal</td>
</tr>
<tr>
<td>Production</td>
<td>7-7/8&quot;</td>
<td>4-1/2&quot;</td>
<td>10.5#</td>
<td>4954'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional cementing / squeeze record**

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth</th>
<th>Type of Cement</th>
<th>Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforation record - Bridge plugs Set/Type**
Specify footage of each interval perforated

- 2 4748-4752, 4758-4766
- 500 Gal 15% Acid 4748-660A
- Frac 362 mcf N2 + 24,000# Sc

**Tubing record**

<table>
<thead>
<tr>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 3/8</td>
<td>4700</td>
<td>4700</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Date of first, resumed production, SWD or enhr.**

- Shut-in
  - Oil Bbls.
  - Gas Mcf
  - Water Bbls.
  - Gas-Oil Ratio
  - Gravity

**Disposition of Gas**

- Method of completion
  - Production interval
  - 4748-4766 OA

- Vented
- Sold
- Used on lease
- Open hole
- Perf.
- Dually Comp.
- Commingled
M & M Exploration, Inc.
Z-Bar 10-12
NW NW SW Section 10-34S-15W
Barber County, Kansas

Drill Stem Tests

DST #1 4354-4395 (30-60-60-120), GTS 14” @ 4.7 mcf, Recovered 3456’ GIP, 240’ oil, 340’ O&GCW, 120’ M&O&GCW; FP 73-120/174-214, SIP 1565/1261

DST #2 4466-4480 (30-60-60-120), GTS final flow @ 4.4 mcf, Recovered 4420’ GIP, 20’ GCM; FP 17-23/14-15, SIP 1447/1783

DST #3 4558-4581 (20-60-5-60), GTS 2” @ 960 mcf, OTS 18”; Recovered 2819’ GIP, 1500’ oil, 120’ HG&OCM; FP 493-510/423-433, SIP 1840/1841

DST #4 (Straddle) 5228-5248 (30-45-30-30), Recovered 270’ GIP, 210’ Muddy water, 60’ oil & water cut mud; FP 72-99/121-147, SIP 1744/1503

RECEIVED
JUL 02 2003
KCC WICHITA
To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE x Ray Custard

PRINTED NAME

Not $6432.93
ALLIED CEMENTING CO., INC. 12316

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

SECTION 10 TWP. 34S RANGE 15W

LEASE: Z-Bac WELL # 10-12 LOCATION: Aetna 34.13’ N 94.15’ E 1/2 N 34.13’ E 1/2 N

CONTRACTOR: Oakey # 7

OWNER: M & M Explosition

CEMENT

AMOUNT ORDERED: 2003x ASC +5 %

COMMON: ASC 280 @ 8.50

POZMIX @

GEL @

CHLORIDE @

Mud Clean 500 @ 0.75

Kol Seal 1870 @ 1.50

500.00

TOTAL 3256.50

PUMP TRUCK # 302 CEMENTER Chuck

HELPER: Duane New

BULK TRUCK # 242 DRIVER Bill M.

HANDLING 2.50 @ 1.10 2585.00

MILEAGE 45 @ 4.23 192.30

TOTAL 3256.50

REMARKS:

Pipe on Bottom Break Off

Plug 12 Bbls Mud Clean Plug

Kol d Mouse w/250 ASC +5

Kol Break Down Wash Pump

Lines D-3 Valve w/150 ASC +5

Shoe Gate Bump Plug Cemented Hold Wash Up Rig Down

CHARGE TO: M & M Explosition

SERVICE

DEPTH OF JOB 4956

PUMP TRUCK CHARGE 1264.00

EXTRA FOOTAGE @

MILEAGE 4.5 @ 3.00 135.00

PLUG Rubber @ 48.00 48.00

TOTAL 1447.00

FLOAT EQUIPMENT

1-Guidle Shoe @ 125.00 125.00

1-250 FLAPPER Calgary @ 245.00 245.00

1-Stop Ring @ 20.00 20.00

2-Basket @ 16.00 32.00

6-Centralizers @ 45.00 45.00

TOTAL 1072.00

TAX @

TOTAL CHARGE 5775.50

DISCOUNT 577.55 IF PAID IN 30 DAYS

Net $ 5197.95

SIGNATURE: Ray Eustace

PRINTED NAME: Ray Custard

To Allied Cementing Co., Inc.

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