API NO. 15- 15-065-22,688-00-00

Graham

C - NW - SE - SE Sec. 9 Twp. 7S Rge. 23 E

Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)

lease Name: BRANT Well # 1-9

Field Name: Wildcat

Producing Formation

Elevation: Ground 2442 K8 2447

Total Depth 3970' PBTD

Amount of Surface Pipe Set and Cemented at 267' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from Feet to w/sx cmt.

Drilling Fluid Management Plan 11-25-93

(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offshore:

RELEASED 11-18-93

LEASE No 10-08-1993

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-5-130, 82-5-106 and 82-5-107 apply. Information on 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 82-5-107 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 Scott Robinson
Title Geological Manager Date 10-1-93

Subscribed and sworn to before me this 1 day of October 1992.

Notary Public Glenda G. Newell
Date Commission Expires 7-2-93
**Casing Record**

- **Report all strings set-conductor, surface, intermediate, production, etc.**

<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># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12-1/4</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>267'</td>
<td>60/40</td>
<td>180</td>
<td>2% gel, 3% cl</td>
</tr>
</tbody>
</table>

**Additional Cementing/Squeeze Record**

<table>
<thead>
<tr>
<th>Purpose: Perforate</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th>#Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back To</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforation Record - Bridge Plugs Set/Type**

- Specify footage of each interval perforated

**Acid, Fracture, Shot, Cement Squeeze Record**

- (Amount and kind of material used)

**Tubing Record**

- Size
- Set At
- Packer At
- Liner Run
- Yes
- No

**Date of First, Resumed Production, SWD or Inj.**

- Producing Method
  - Flowing
  - Pumping
  - Gas Lift
  - Other (Explain)

**Estimated Production Per 24 Hours**

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

**Disposition of Gas:**

- Vented
- Sold
- Used on Lease
- (If vented, submit ACO-18.)

**Method of Completion**

- Open Hole
- Perf.
- Dually Comp.
- Commingled
- Other (Specify)

**Production Interval**
SUPPLEMENT TO ACO-1

Operator: Murfin Drilling Company, Inc.

Well: BRANT #1-9
C NW SE SE
Sec. 9-7S-23W
Graham County, Ks.

API# 15-065-22,688

Drill Stem Test Info:

DST #1: 3745’ - 3810’ - LKC B,D,E,F zones
30-45-60-60
IF: wk blow slowly building to 11 inches @ end of period.
FF: wk blow increased to 3 inches @ end of period.
REC: 2’ Oil
120’ M w/spts oil - less than 1%
420’ W w/spts oil - less than 1%
HP: 1878-1859, SIP: 1234-1204, FP: 71-141/182-243, BHT: 118 deg

DST #2: 3860’ - 3895’ - J zone
30-60-60-120
IF: wk blow bldg to strong off the bottom of the bucket in 17 min.
FF: wk blow bldg to strong off the bottom of the bucket in 20 min.
REC: 60’ M w/few oil spks
660’ W
55,000 ppm chlorides

Log Tops:

ANHYDRITE 2136 (+311)
TOPEKA 3480 (-1033)
HERBNER 3684 (-1237)
TORONTO 3712 (-1265)
LANSING 3725 (-1278)
180 ZONE 3878 (-1431)
BKC 3919 (-1472)
LTD 3968
RTD 3970

Electric Logs:
R.A. Guard Log
TO: Nurfin Drilling Company  
250 N. Water #300  
Wichita, Ks. 67202  

INVOICE NO. 62354  
PURCHASE ORDER NO.  
LEASE NAME Brant 1-9  
DATE Aug. 17, 1992  

SERVICE AND MATERIALS AS FOLLOWS:

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common 108 sks @$5.50</td>
<td>108</td>
<td>$5.50</td>
<td>$594.00</td>
</tr>
<tr>
<td>Pozmix 72 sks @$2.50</td>
<td>72</td>
<td>$2.50</td>
<td>180.00</td>
</tr>
<tr>
<td>Chloride 5 sks @$21.00</td>
<td>5</td>
<td>$21.00</td>
<td>105.00</td>
</tr>
<tr>
<td>Handling 180 sks @$1.00</td>
<td>180</td>
<td>$1.00</td>
<td>180.00</td>
</tr>
<tr>
<td>Mileage (47) @$0.04 per skper mi</td>
<td>47</td>
<td>$0.04</td>
<td>338.40</td>
</tr>
<tr>
<td>Surface</td>
<td></td>
<td></td>
<td>380.00</td>
</tr>
<tr>
<td>Mi @$2.00 pmp. trk.</td>
<td></td>
<td>$2.00</td>
<td>94.00</td>
</tr>
<tr>
<td>1 plug</td>
<td></td>
<td></td>
<td>42.00</td>
</tr>
<tr>
<td>Cement circ.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total: $1,913.40  

OCT 1  
CONFIDENTIAL  

03600 090 1912192.40 THANK YOU  
(382.68)  

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.  

07/1992  

RECEIVED  
STATE CORPORATION COMMISSION  
OCT 7 1992  

CONSERVATION DIVISION  
WICHITA, KANSAS
### Allied Cementing Co., Inc.

**Home Office P. O. Box 31**  
Russell, Kansas 67665

#### Date: 8-17-92

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Twp.</th>
<th>Range</th>
<th>Called Out</th>
<th>On Location</th>
<th>Job Start</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>7S</td>
<td>23W</td>
<td>2:30 PM</td>
<td>4:30 PM</td>
<td>5:30 PM</td>
<td>6:00 P</td>
</tr>
</tbody>
</table>

**Lease:** Brent  
**Well No.:** 1-9  
**Location:** Hill City Rk 25, 2S, 4N, W State  
**County:** Graham  
**KS:**

**Contractor:** Murfin Drilling Co.  
**Rig #:** 20

**Type Job:** Surface Pipe

<table>
<thead>
<tr>
<th>Hole Size</th>
<th>T.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 3/4&quot;</td>
<td>267'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 3/8&quot;</td>
<td>267’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tgt. Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drill Pipe</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tool</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cement Left in Casing</th>
<th>Shoe Joint</th>
</tr>
</thead>
<tbody>
<tr>
<td>15’</td>
<td>Displace</td>
</tr>
</tbody>
</table>

**Press Max:** Minimum  
**Meas Line:** Displace

**Perf.:**

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No.</th>
<th>Pumperk</th>
<th>No.</th>
<th>Pumperk</th>
<th>Bulktrk</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cementer</td>
<td></td>
<td>Helper</td>
<td>Driver</td>
</tr>
<tr>
<td>191</td>
<td>Gary H</td>
<td></td>
<td>Mary A</td>
<td>Jason C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bulktrk</th>
<th>Bulktrk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driver</td>
<td></td>
</tr>
</tbody>
</table>

**DEPTH of Job**

- **Pump Truck - Surface:** 380'
- **miles:** 94'
- **8’ wooden plug:** 42'

**Sub Total:** $514.00

**Remarks:** Cement Circulated.

---

**CEMENT**

- **Ordered:** 180 sks 60/40 oz 22 cpl 32cs
- **Consisting of:**
  - Common 108 sks e-5, 52 sks
  - Poz. Mix 72 sks e 2.50 oz
  - Gels 3 sks 110c
  - Chloride 5 sks e-41.00 oz
- **Quicks:** 105 oz

**Sales Tax:**

<table>
<thead>
<tr>
<th>Handling</th>
<th>$1.00/sk (180 sks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mileage</td>
<td>$0.44/sk, 1 mi (47 mi)</td>
</tr>
<tr>
<td></td>
<td>$139.74 Sub Total</td>
</tr>
</tbody>
</table>

**Total:** $139.74

**Floating Equipment:**

---

**RELEASED**

**NOV 18 1993**

---

**FROM CONFIDENTIAL**

---

**RECEIVED**

---

**OCT 7 1992**

---
TO: Murfin Drilling Company  
250 N. Water, Suite 300  
Wichita, KS 67202

INVOICE NO: 52407
PURCHASE ORDER NO:  
LEASE NAME: Brant #1-9
DATE: Aug. 23, 1992

SERVICE AND MATERIALS AS FOLLOWS:

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common 120 sks</td>
<td>$5.50</td>
<td></td>
<td>$660.00</td>
</tr>
<tr>
<td>Pozmix 80 sks</td>
<td>$2.50</td>
<td></td>
<td>200.00</td>
</tr>
<tr>
<td>Gel 7 sks</td>
<td>$6.75</td>
<td></td>
<td>47.25</td>
</tr>
<tr>
<td>Floseal 50#</td>
<td>$1.00</td>
<td></td>
<td>50.00</td>
</tr>
<tr>
<td>Handling 200 sks</td>
<td>$1.00</td>
<td></td>
<td>200.00</td>
</tr>
<tr>
<td>Mileage (47)</td>
<td>$0.04</td>
<td></td>
<td>376.00</td>
</tr>
<tr>
<td>Plug</td>
<td></td>
<td></td>
<td>380.00</td>
</tr>
<tr>
<td>Mi @ $2.00 pmp trk</td>
<td></td>
<td></td>
<td>94.00</td>
</tr>
<tr>
<td>1 plug</td>
<td></td>
<td></td>
<td>21.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>1,071.00</td>
</tr>
</tbody>
</table>

Total: $2,028.25

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

REVIEWED
ON 1-8-1993
FROM CONFIDENTIAL
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
KANSAS

CONFIDENTIAL

OCT 7-93
ALLIED CEMENTING CO., INC.
Home Office P. O. Box 31
Russell, Kansas 67665

Case: 8-23-92
Sec. 9
Twp. 75
Range 23W

Called Out: 7:00 A.M.
On Location: 10:15 A.M.
Job Start: 10:30 A.M.
Finish: 12:30 P.M.

Owner: Sasse

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 listed.

Charge To: Martin Drilling Company
Street: 250 N. Water, Suite 300
City: Wichita, State KS, 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X Roland Fann

CEMENT
Amount Ordered: 200 sks 40 gal, 6 lagel
Consisting of: with 1/4 8 ft. of flooseal 1st
Common: 120 sks 10/20/lb. skt.
Pos. Mix: 80 sks 10/20/lb. skt.
Gel: 7 sks 6.25 lb. skt. used 10 skts
Chloride
Quicksat
Flooseal: 50 ft. 10/20 lb. skt.
Sales Tax

Handling 1.00 skt. (200 sks) 200.00
Mileage 0.44 skt/mi, 241 mi. 376.00
Sub Total 1,533.25

Flooring Equipment

TH of Job

#8 Pump truck; plug

#13 Mileage 2.00/hr, 94
1-8-7/8' dry hole plug

Sub Total 495.00

Total

Plugging 2,160 ft. 1/25 skts.
1,340 ft. 1/100 skts.
315 ft. 1/40 skts.
40 ft. 1/100 skts to surface

rat hole w/15 skts. plug-

Released

Nov. 1 1993

From Confidential

Received

Conservation Division
Wichita, Kansas