API NO. 15-1506522, 480, 000

County, Graham County, KS.

Approx. C of

N/2 SW NW Sec. 22, Tp. 5, Rg. 23, E, West

.360 Gt North from Southeast Corner of Section

4430, Gt West from Southeast Corner of Section

(Note: Locate well in section plan below)

Lease Name

Sharon N. Leasing

Well No.

3rd.

Field Name

Reaver

Producing Formation

K-An.

Elevation: Ground: 2.343, MSL: 2.353.

Section Plat

5280

4950

4620

4290

3960

3630

3300

2970

2640

2310

1980

1650

1320

990

660

330

WATER SUPPLY INFORMATION

Disposition of Produced Water:

Docket #

Disposing

Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

source of Water:

Division of Water Resources Permit #

Groundwater: .360 Gt North from Southeast Corner

(Well) .4430 Gt West from Southeast Corner of

Sec Twp Rg. East West

Surface Water: .360 Gt North from Southeast Corner

(Stream, pond etc). .4430 Gt West from Southeast Corner

Sec Twp Rg. East West

Other (explain)

Fanner's well, piped

(purchased from city, R & D #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or reclamation of any well. Rule 62-3-130 and 62-3-107 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 62-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit OP-11 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

Darrell Anderson, President

Date 2-24-88

Subscribed and sworn to before me this 24th day of February, 1988.

Notary Public

Date Commission Expires

1-21-92

RITA A. ANDERSON

Graham County, Kansas

My A.S. No. 1-1-1

K-G-C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Time Log Received

Distribution

KCC

KGS

KOC

SGD/WMP

NGPA

Plug

Other

(Specify)

Form ACO-1 (7-84)
WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
Samples Sent to Geological Survey Yes No

Cores Taken

DST#1- 3572-3603, 30-60-45-60. IHP 1911, FFP 86, FPP 144, JSIP 23, SIJP 163, SPFP 22, PSIP 740, FPP 1843. Temp 112. Recovery - 720' GIP 360'F.O. 34G 60' O.C.M.5% gas 5% ND oil.

DST#2- 3597-3618', 60-60-60-90. JSIP 528, PSIP 519, IHP 94-144, FFP 184-1230. Recovery - 110' oil specked muddy water

DST#3- 3738-3760' Int. 45-45-30-45, JSIP 423, PSIP 29, IHP 57, FFP 67. Recovery - 20' oil specked mud

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

Casing Record New Used

Purpose of String

Size Hole Drilled Size Casing Set (in O.D.) Weight Lbs/ft.

PRODUCTION Record

Size 360' 2-3/8" 3610' 240'/' 240'/' 180 3820' 500bbl 1500bbl 283

Acid Fracture Shot Cement Squeeze Record (Amount and Kind of Material Used) Depth

Tubing Record

Size 2-3/8" 360' 240'/' 240'/' 180 3820' 500bbl 1500bbl 283

Date of First Production 10-1-88

Producing Method Flowing

Other

Disposal of Gas:

Vented Sold

Used on Lease

n/a

Estimated Production Per 24 Hours

Oil 3Bbl

Gas none

Water 30

Gas-Oil Ratio 340

Gravity

30

n/a

METHOD OF COMPLETION

Production Interval

Disposal of gas:

n/a

Open Hole Perforation

Other (Specify) n/a

Dually Completed

Commingled

n/a
## BJ-TITAN SERVICES COMPANY

**ACCOUNT**: 1228 3399

**CONSERVATION DIVISION**
Wichita, Kansas

**RECEIVED**
STATE CORPORATION COMMISSION

---

### Direct Billing Inquiries To

713-896-5421

**Net Amount Due**
30 Days From

**DATE OF INVOICE**
04/21/93

**REMIT TO**
BJ-TITAN SERVICES
P.O. BOX 200416
HOUSTON, TX 77251

---

**AREA DISCOVERY**

**BOX 156**

**HILL CITY**

**WELL NUMBER**: A-1

**CUSTOMER NUMBER**: 11714005

---

**LEASE NAME AND NUMBER**

**STATE**

**COUNTY/PARISH**

**CITY**

**DISTRICT NAME**

**DISTRICT NO.**

---

**JOB LOCATION/FIELD**

**MTA DISTRICT**

**DATE OF JOB**

**TYPE OF SERVICE**

---

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<tr>
<th>PRODUCT NUMBER</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
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<td>1.00</td>
<td>CEMENTING CASING 5001 TO 6000 FT.</td>
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<td>1010032F</td>
<td>3.02</td>
<td>PLUS PER 100 FT. BELOW 5000 FT.</td>
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<td>70.00</td>
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<td>10410902</td>
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<td>10420145</td>
<td>18.53</td>
<td>BJ-TITAN SEL. BENTONITE, BULK SALES</td>
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<td>10420202</td>
<td>12.13</td>
<td>A-10 GYPS SEAL</td>
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<td>10415040</td>
<td>1.00</td>
<td>A-7-P CALCIUM CHLORIDE PELLETS</td>
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<td>109.00</td>
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<tr>
<td>10430388</td>
<td>1.00</td>
<td>4-1/2&quot; TOP RUBBER PLUS</td>
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<td>545.00</td>
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<td>PAYAGE, PER TON MILE</td>
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<td>1.00</td>
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<td>10409400</td>
<td>1.00</td>
<td>GUIDE SHOE</td>
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**UNIT PRICE**

- 379.00
- 9.60
- 1.10
- 9.30
- 2.61
- 1.85
- 1.66
- 25.75
- 1.00
- 40.00
- 0.95
- 0.70
- 41.75
- 120.00
- 161.00
- 104.00

**QHM**

- CF
- CM
- CS
- LB
- LB
- EA
- EA
- EA

**EXTENDED PRICE**

- 879.00
- 80.56
- 99.00
- 2,347.50
- 318.42
- 260.08
- 177.10
- 48.93
- 609.00
- 40.00
- 535.75
- 388.30
- 125.25
- 330.00
- 161.00
- 104.00

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**TAX EXEMPTION STATUS:**

SB-3020 (6/88)
CEMENTING LOG

Date: 2-21-22
District: Hays
Ticket No: 344122
Company: A & M
Lease: GH & Lewis Tr.
County: Gray
Location: 31°08'16.7" N / 96°58'16.7" W

Casing Depth: Top
Bottom

Drill Pipe: Size
Weight
Collars
Open Hole: Size
T.D. 83' 11" ft P.B. to

Cement Data:
Spacer Type:
Amt
Sks Yield
ft³/sk Density
PP

Lead: Pump Time
hrs
Type

Amt
Sks Yield
ft³/sk Density
PP

Tail: Pump Time
hrs
Type

Amt
Sks Yield
ft³/sk Density
PP

WATER Lead
gals/sk Tail
gals/sk Total
Bbl

Pump Trucks Used
Bulk Equip

Float Equip: Manufacturer

Shoe: Type
Depth

Float: Type
Depth

Centralizers: Quantity

Plugs Top
Btm

Sag: Depths

Special Equip
Disp. Fluid Type
Water

Amt
Bbls
Weight
PP

COMPANY REPRESENTATIVE: DARYL ANDERSON
CEMENTER: LEE R. LEWIS

Time
Pressures PSI
Fluid Pumped Data
AM/PM
Drill Pipe Casing
Annulus
Total Fluid
Pumped Per Time Period
Rate Bbls/Min

Remarks

FINAL DISP. PRESS: ____________ PSI
BUMP PLUG TO: ____________ PSI
BLEEDBACK: ____________ Bbls.
THANK YOU

Form No. SR 0502 (Rev. 7/85)
Note: Must accompany job ticket.