

ORIGINAL

SIDE ONE

RELEASED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-...163-23,051...00-00 10-9-90
OCT 9 1990

County...Rooks
Apx. NW/4 NW/4 NE/4 Sec. 7... Twp. 6S...Rge. 20W... West

FROM CONFIDENTIAL

Operator: License # 5242
Name: Petroleum Management, Inc.
Address: 400 N. Woodlawn, Suite 201
City/State/Zip: Wichita, Ks. 67208

4930... Ft North from Southeast Corner of Section
2250... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser: N/A

Lease Name: Wallgren "B" Well # 4
Field Name: Ray

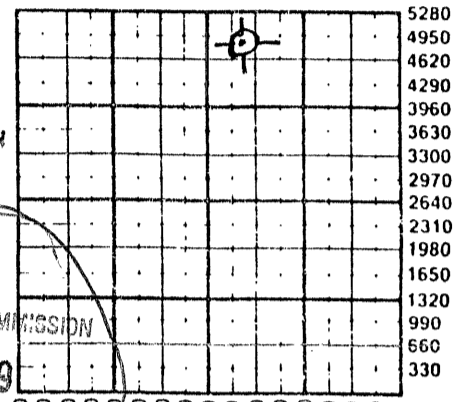
Operator Contact Person: Greg Williams
Phone: 316-686-7287

Producing Formation:
Elevation: Ground 2146' KB 2151'

Contractor: License # 5302
Name: Red Tiger Drilling Company

Wellsite Geologist: GREG WILLIAMS
Phone: 316-686-7287

Section Plat



KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
RECEIVED
STATE CORPORATION COMMISSION
OCT 05 1989
10-5-89
CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
x New Well Re-Entry Workover
Oil SWD Temp Abd
Gas Inj Delayed Comp.
x Dry Other (Core, Water Supply etc.)
If OWNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method: x Mud Rotary Air Rotary Cable
8/15/89 8/21/89 8/21/89
Spud Date Date Reached TD Completion Date
3,564'
Total Depth PBTD

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T89-356
Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
x Surface Water 95.0 Ft North from Southeast Corner (Stream, pond etc) 51.00 Ft West from Southeast Corner Sec 6 Twp 6S Rge 20 East x West
Luella Wallgren, Phillipsburg, Ks. 67661
Other (explain)
(purchased from city, R.W.D. #)

Amount of Surface Pipe Set and Cemented at 207 feet
Multiple Stage Cementing Collar Used? N/A Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name BJ-Tital Services Co.
Invoice # VX120

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit 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: Steven P. O'Neill
Title: Petroleum Engineer Date: 9/11/89

Subscribed and sworn to before me this 11th day of September 1989.
Notary Public: Bonnie Brown
Date Commission Expires: 3/1/93

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

BONNIE BROWN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-1-93

ORIGINAL

Operator Name Petroleum Management, Inc. Lease Name Wallgren "B" Well # 4

Sec. 7 Twp. 6S Rge. 20W County Rooks RELEASED

OCT 9 1990

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.

FROM CONFIDENTIAL

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [] Yes [X] No
Cores Taken [] Yes [X] No

Formation Description [] Log [X] Sample

DST #1 3249' - 3282'

Open 30 min. w/weak surface blow; died in 3 min. Closed 30 min. Open 15 min. w/no blow, flushed tool, no help. Rec. 5' drilling mud w/oil specks.

IFP 21-21 psi ISIP 378
FFP 21-21 psi FSIP 340

DST #1 3279' - 3304'

Open 45 min. w/weak (1/2") blow building to strong (9") blow. Closed 45 min. Open 60 min. w/weak (1/2") blow building to med. (5") blow. Rec. 2 ft. clean oil, 60 ft. slightly oil-cut mud and 270 ft. of water

IFP 21-57 psi ISIP 418
FFP 87-105 FSIP 416

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Base Anhydrite, Topeka, Deer Creek, Oread, Heebner, Toronto, Lansing, Base Kansas City, Marmaton, Precambrian.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Perforation [] Other (Specify) [] Dually Completed [] Commingled

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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City/State/Zip Wichita, Ks. 67208

Purchaser N/A

Operator Contact Person Greg Williams
Phone 316-686-7287

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist GREG WILLIAMS
Phone 316-686-7287

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 Gas Inj Delayed Comp.
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Well Name
Comp. Date Old Total Depth

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Spud Date Date Reached TD Completion Date
3,564'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 207 feet
Multiple Stage Cementing Collar Used? N/A Yes ___ No ___
If yes, show depth set _____ feet
If alternate 2 completion, cement circulated
from _____ feet depth to _____ w/ _____ SX cmt
Cement Company Name BJ-Tital Services Co.
Invoice # VX120

API NO. 15-163-23-051-0000
County Rooks
Apx. NW/4 NW/4 NE/4 Sec. 7 Twp. 6S Rge. 20W East ___ West

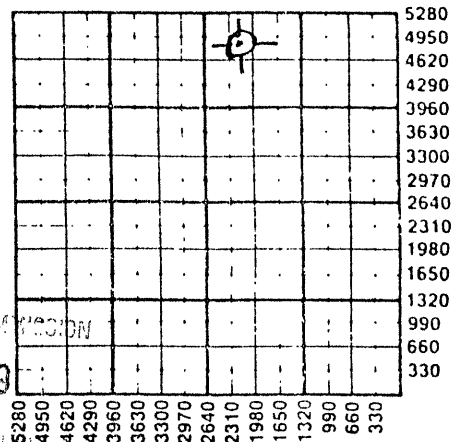
4930 Ft North from Southeast Corner of Section
2250 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Wallgren "B" Well # 4
Field Name Ray

Producing Formation

Elevation: Ground 2146' KB 2151'

Section Plat



RECEIVED
STATE CORPORATION COM
OCT 05 1989
10-5-89
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T89-356

Groundwater _____ Ft North from Southeast Corner
(Well) _____ Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 950 Ft North from Southeast Corner
(Stream, pond etc) 5100 Ft West from Southeast Corner
Sec 6 Twp 6S Rge 20 East West

Luella Wallgren, Phillipsburg, Ks. 67661
Other (explain)
(purchased from city, R.W.D. #)

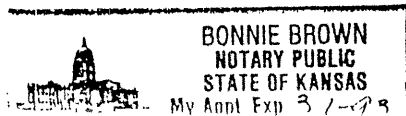
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All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Steven P. O'Neill
Title Petroleum Engineer Date 9/11/89

Subscribed and sworn to before me this 11th day of September 1989.
Notary Public Bonnie Brown
Date Commission Expires 3/1/93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)



PI X



RECEIVED

Kansas Corporation Commission

MIKE HAYDEN GOVERNOR
KEITH R. HENLEY CHAIRMAN
RICH KOWALEWSKI COMMISSIONER
MARGALEE WRIGHT COMMISSIONER
JUDITH McCONNELL EXECUTIVE DIRECTOR
FRANK A. CARO, JR. GENERAL COUNSEL

P.M.I.

CONSERVATION DIVISION
SHARI FEIST ALBRECHT, DIRECTOR
200 Colorado Derby Bldg.
202 W. 1st Street
Wichita, KS 67202-1286
(316) 263-3238

September 29, 1989

Petroleum Management, Inc.
400 N. Woodlawn, Suite 201
Wichita, KS 67208

BB

Re: Wallgren "B" #4
Sec. 07-T06S-R20W
Rooks County, KS

An affidavit of completion form (ACO-1) on the above-mentioned well was received on September 15, 1989. Technical review finds that ACO-1 to be incomplete. The additional information requested below, or an amended, complete ACO-1, must be submitted by December 15, 1989. Failure to complete the ACO-1 as requested will subject the operator to the assessment of a \$100 administrative penalty.

Only current ACO-1 forms will be accepted - form ACO-1 (7-89).

RECEIVED
STATE CORPORATION COMMISSION

- Operator
Contact Person
Contractor
Wellsite Geologist
Purchaser
Type of Completion
Spud Date
Date Reached TD
Completion Date
Total Depth
Amount of Surface Pipe
Set and Cemented
API No.
County
Well Location
Sec. - Twp. - Rge.
Lease Name - Well No.
Producing Formation
Elevations - GR/KB
Affidavit Not Signed
Complete Side Two: (See Sample)
Need letter requesting confidentiality.
Time expired on confidentiality.
Other

OCT 05 1989

CONSERVATION DIVISION
Wichita, Kansas

X

Completed - See Attached (2) Copies

Kansas Regulation 82-3-107 provides confidentiality, upon written request, for a period of one year. Confidentiality rights are waived if ACO-1's remain incomplete, electric logs, driller's logs, and Kansas Geological Survey requested samples are not supplied within 120 days from well spud date. Completed - 3 Copies Attached. Please honor Confidentiality request.

Do not hesitate to call the Kansas Corporation Commission, Conservation Division, at (316) 263 - 3238 if there are any questions.

Sincerely,
Janice Martin
Janice Martin
Production Department

BJ-TITAN SERVICES COMPANY

RECEIVED

| |
|--------------|
| INVOICE DATE |
| 08/15/89 |

| | | |
|--|--|---|
| DIRECT BILLING INQUIRIES TO: 713-895-5821 | TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE | REMIT TO: 1989 BJ-TITAN SERVICES P.O. BOX 100906 HOUSTON, TX 77212 |
|--|--|---|

| | |
|------|-------------|
| PAGE | INVOICE NO. |
| 1 | VX120 |

PETROLEUM MANAGEMENT
400 N WOODLAWN SUITE 201
WICHITA

| |
|---------------|
| AUTHORIZED BY |
| 514736 |

| |
|-----------------------|
| PURCH. ORDER REF. NO. |
| |

WELL NUMBER : 4

CUSTOMER NUMBER : 06609000

| | | | | | |
|---------------------------------------|--------------|-------------------------|---|------------------------|--------------------|
| LEASE NAME AND NUMBER WALLGRAN "B" | STATE 14 | COUNTY/PARISH | CITY | DISTRICT NAME HAYES | DISTR. NO. 3370 |
| JOB LOCATION/FIELD | MTA DISTRICT | DATE OF JOB 08/15/89 | TYPE OF SERVICE LAND-CONDUCTOR/SURFACE | | |

| PRODUCT NUMBER | QUANTITY | DESCRIPTION | UNIT PRICE | U/M | EXTENDED PRICE |
|----------------|----------|-------------------------------------|------------|-----|----------------|
| 10100303 | 1.00 | CEMENTING CASING 0 TO 300 FT. | 375.00 | | 375.00 |
| 10109005 | 80.00 | MILEAGE CHRG, FROM NEAREST BASE OF | 1.10 | | 88.00 |
| 10410504 | 78.00 | CLASS "A" CEMENT | 5.30 | CF | 413.40 |
| 10415048 | 52.00 | CALCIUM CHLORIDE, FLAKE | 2.61 | SK | 135.72 |
| 10420145 | 2.24 | BJ-TITAN GEL, BENTONITE, BULK SALES | 6.75 | CW | 15.12 |
| 10415049 | 335.00 | A-7-P CALCIUM CHLORIDE PELLETS | 0.33 | LR | 110.55 |
| 10430539 | 1.00 | 3 5/8" TOP HOLE (SURFACE) PLUG | 17.00 | EA | 17.00 |
| 10830085 | 130.00 | MIXING CUSTOMERS MATERIALS, PER CUB | 0.95 | | 123.50 |
| 10940101 | 236.00 | DRAYAGE, PER TON MILE | 0.70 | | 165.20 |

| | | |
|---------------------------|---------------------|----------------------|
| VOU NO. 08-0221 | VENDOR NO. 00359 | REFERENCE VX120 |
| INV DATE 8/15/89 | CHECK NO. | DUE DATE 09/15/89 |
| CODING -04-994-81-9350 | | AMOUNT |
| | | TOTAL 1134.11 |

ENTERED CRT SEP 12 1989

994-81

| | |
|---------------------------------|----------|
| SUBTOTAL | 1,443.49 |
| DISCOUNT | 332.02 |
| STATE OIL COMMISSION COMMISSION | 532.07 |
| 4.25000% STATE TAX | 22.64 |

RECEIVED
SEP 15 1989
CONSERVATION DIVISION
Wichita, Kansas

| | | | |
|---------|--------------------|--------|-------|
| ACCOUNT | 4.25000% STATE TAX | 532.07 | 22.64 |
|---------|--------------------|--------|-------|

| | | |
|-----------------------|-----------------|----------|
| TAX EXEMPTION STATUS: | PAY THIS AMOUNT | 1,134.11 |
|-----------------------|-----------------|----------|