

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9726  
name Gruss Petroleum Management, Inc.  
address 407 N. Big Spring, Suite 200  
City/State/Zip Midland, TX 79701

Operator Contact Person Earl W. Levea  
Phone 915/682-8319

Contractor: license # 5418  
name Allen Drilling Company

Wellsite Geologist Ernie Morrison  
Phone 316/788-1150

PURCHASER N/A

Designate Type of Completion  
New Well Re-Entry Workover

Oil  SWD  Temp Abd  
Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

OWWO: old well info as follows:  
Operator N/A  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
4/24/86 5/5/86 5/6/86  
Spud Date Date Reached TD Completion Date

4750' N/A  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 307' @ 315 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

API NO. 15 109-20,421-00-00

County Logan

SE, SE, NE Sec 6 Twp 11S Rge 32 East West

2970' Ft North from Southeast Corner of Section  
330' Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

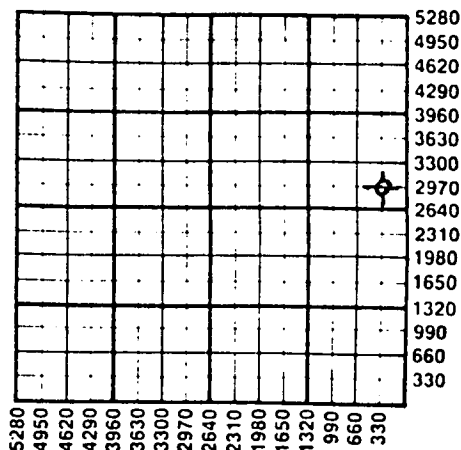
Lease Name Bradshaw Well# 1

Field Name U-Pac South

Producing Formation N/A

Elevation: Ground 3091' KB 3096'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Water Supply Well - 100' SW of borehole. Depth 195' w/175" PVC 5" csg cemented.  
Division of Water Resources Permit # T86-197

Groundwater 2900 Ft North From Southeast Corner and (Well) 400 Ft West From Southeast Corner of Sec 6 Twp 11S Rge 32 East West

Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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 recompletion of any well. Rules 82-3-130 and 82-3-107 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 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 *Bulanda Matwell*  
Title Engineering Assistant Date 5/20/86

Subscribed and sworn to before me this 20th day of May 1986  
Notary Public *Teresa K Tankersley*  
Notary Commission Expires



TERESA K. TANKERSLEY  
Notary Public, State of Kansas  
My Commission Expires Aug. 30, 1986

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

Form ACO-1 (7-84)

Sec. 6 Twp. 11 S. Rge. 32 E.

15-109-20421-00-00

SIDE TWO

Operator Name Gruss Petroleum Mgmt, Inc. Lease Name Bradshaw Well# 1 SEC 6 TWP 11S RGE 32 East West

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
Samples Sent to Geological Survey
Cores Taken

Yes No
Yes No
Yes No

Formation Description
Log Sample

Name Top Bottom

DST #1 Lansing D 4144'-4181'

IHP 2024#
45 IFP 25-168#
60 ISIP 1259#
45 FFP 168-286#
90 FSIP 1259#
FHP 1998#
BHT 113, Rec 640' SMCSalt Wtr

DST #5 Lansing L 4300'-4345'

IHP 2063#
45 IFP 33-42#
60 ISIP 1165#
45 FFP 50-67#
90 FSIP 1156#
FHP 2047#
Rec 75' salty mud

Heebner 4029'
Toronto 4052'
Lansing A 4068'
Lansing B 4101'
Lansing C 4118'
Lansing D 4205'
Lansing H 4214'
Lansing I 4242'
Lansing J 4269'
Lansing K 4293'
Lansing L 4318'
BKC 4344'
Marmaton 4408'
Pawnee 4509'
Upper Cherokee Shale 4568'
Johnson 4616'
Lower Cherokee 4645'
Cherokee Sand 4668'

DST #2 Lansing H 4199'-4240'

IHP 2049#
30 IFP 25-25#
60 ISIP 832#
45 FFP 34-34#
90 FSIP 1041#
FHP 2024#
BHT 110, Rec 15' DM

DST #6 Johnson 4592'-4657'

IHP 2230#
30 IFP 42-42#
60 ISIP 83#
45 FFP 42-42#
90 FSIP 67#
FHP 2213#
Rec 5' mud
BHT 113

DST #3 Lansing J 4246'-4282'

IHP 2066#
30 IFP 25-25#
60 ISIP 689#
30 FFP 34-34#
60 FSIP 547#
FHP 2049#
BHT 107, Rec 5' DM

DST #7 Cherokee 4637'-4695'

IHP 2247#
45 IFP 275-1098#
60 ISIP 1148#
30 FFP 1106-1148#
FSIP 1148#
FHP 2230#
BHT 127, Rec 2550' SMSW

DST #4 Lansing K 4278'-4312'

IHP 2032# 45 FFP 17-25#
45 IFP 8-17# 90 FSIP 1123#
60 ISIP 1123# FHP 1992#

RELEASED
9-16-1987
SEP 16 1987

FROM CONFIDENTIAL

CASING RECORD new used

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

Table with 8 columns: Purpose of string, size hole drilled, size casing set (in O.D.), weight lbs/ft., setting depth, type of cement, # sacks used, type and percent additives. Row 1: Surface, 12 1/2", 8 5/8", 23#, 315', 60-40 POZ, 185, 3% CaCl2.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 columns: shots per foot, specify footage of each interval perforated, (amount and kind of material used), Depth. Row 1: N/A, N/A.

TUBING RECORD

size set at packer at Liner Run Yes No

Date of First Production Producing method flowing pumping gas lift Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented, sold, used on lease
METHOD OF COMPLETION: open hole, perforation, other (specify)
Dually Completed, Commingled