

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 # 5161  
Name Palomino Petroleum  
Address Route 5 Box 51-C  
City/State/Zip Newton, Kansas 67114

Purchaser Clear Creek, Inc.  
Wichita, KS 67202

Operator Contact Person Bob Watchous  
Phone (316) 283-0232

Contractor: License # 4958  
Name Mallard JV, Inc.

Wellsite Geologist Ann Watchous  
Phone (316) 283-0232

Designate Type of Completion  
XX New Well Re-Entry Workover  
XX Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
XX Mud Rotary Air Rotary Cable  
3-4-87 3-14-87 4-27-87  
Spud Date Date Reached TD Completion Date  
4700 4620  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 214 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from surface feet depth to 2000 w/ 400 SX cmt  
Cement Company Name Halliburton  
Invoice # 476353

API No. 15-101-21,364-0000  
County Lane  
NW SE SE Sec. 13 Twp. 19 Rge. 28 XX East  
990 Ft North from Southeast Corner of Section  
990 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

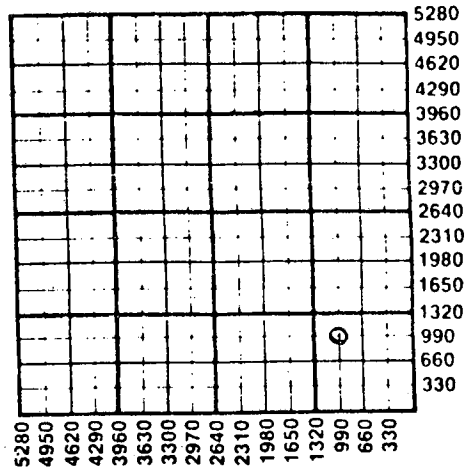
Lease Name Hineman Well # 1

Field Name Wildcat Hackberry Creek, NE

Producing Formation Lansing-KC

Elevation: Ground 2735 KB 2743

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # 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 Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

X Other (explain) Unknown-hauled by Mallard JV, Inc. rotary contractor (purchased from city, R.W.D. #)

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 Bob Watchous

Title Owner Date 5-28-87

Subscribed and sworn to before me this 28th day of May 1987

Notary Public Kathryn L. Frerking

Date Commission Expires August 21, 1989

KATHRYN L. FRERKING  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 8-21-89

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
RECEIVED Plug Other  
STATE CORPORATION COMMISSION (Specify)  
MAY 29 1987  
5-29-87

Sec 13 Twp 19 Rge 28 E

Operator Name Palomino Petroleum Lease Name Hineman Well # 1

Sec. 13 Twp. 19 Rge. 28 East West County Lane

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  Yes  No

Formation Description  
 Log  Sample

PALOMINO PETROLEUM NEWTON, KS. 67114 #1 HINEMAN 13-19-28W NW SE SE LANE CTY

site 5-1/4 S & 5-1/4 E OF DIGHTON, KS. API 15-101-21364  
 field WC (1/2 NE OF HACKBERRY CREEK, OVER 3/4 MI FROM PROD)  
 owner MALLARD, IV, INC. geol. ANN WATCHOUS  
 drg. date 02/10/87 spd. date 03/04/87 comp. date 03/11/87 card issued 05/13/87

ELV. 2743 KB LOG	tops	depth/datum
ANH	2066	+877
HEEB	3955	-1212
LANS	3998	-1255
STARK	4270	-1527
FT SC	4518	-1775
MISS LM	4601	-1858
MISS DOL	4615	-1872
PBTD	4620	-1877
RTD	4700	-1957
LTD	4701	-1958

IP status:  
 OIL, P 116 BO & 6 BWPD, LKC 4236-4245 OA,  
 CSG: 8-5/8" 214 / 150 SX, 5-1/2" 4699 / 200 SX.  
 NO CORES  
 DST (1) 4154-4236 (LKC), / 30-30-30-30, REC 120' WM  
 ISIP 1215# FSIP 1184# IFP 82# -82# FFP 93# -93#  
 DST (2) 4233-4250 (LKC), / 30-30-30-30, 1490' GIP ABOVE  
 950' FL, REC 10.79 BTF (9.93 BO, .86 BM, NW) ISIP  
 1174# FSIP 1153# IFP 114# -217# FFP 300# -363#  
 DST (3) 4264-4290 (LKC), / 30-30-30-30, 240' GIP, REC 10'  
 CLEAN OIL & 50' SLI OCM ISIP 768# FSIP 831# IFP 20#  
 -20# FFP 41# -41#  
 DST (4) 4290-4355 (LKC), / 30-30-30-30, 155' GIP ABOVE  
 480' FL, REC 60' SLI OIL & GCM, 360' VHO & GCM & MDY  
 OIL, 60' SLI OCWM ISIP 1226# FSIP 1195# IFP 103#  
 -186# FFP 207# -217#

DST (5) 4353-4550 (LKC, MARM), / 30-20-0-0, REC 20' M  
 ISIP 217# IFP 134# -145#  
 DST (6) 4613-4630 (MISS), / 30-30-30-30, REC 100'  
 HOCM, 60' SLI OCM, NW ISIP 1236# FSIP 1215# IFP 51#  
 -51# FFP 93# -93#  
 MICT - CO, PF (MISS) 4629-4632, W / 4 SPF, TST 38 BWPH,  
 W / SCUM OIL, PB 4620 TD, PF (LKC) 4236-4245 OA, W / 4  
 SPF, SWB 11 BOPH, NAT, POP 4/27/87, P 116 BO & 6  
 BWPD, 5/4/87

CASING RECORD  New  Used

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

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
Surface	12 1/2	8 5/8	20	214	60-40poz	150	2%gel, 3%cc
Production	7 7/8	5 1/2	14	4699	60-40poz	200	2%gel, 10%salt

(See front for backside cement)

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4629-4632 (Plugged over)	None	
4	4236-4245	None	

TUBING RECORD Size 2 7/8" OD Set At 4618 Packer at None Liner Run  Yes  No

Date of First Production 4-27-87 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
116			6		

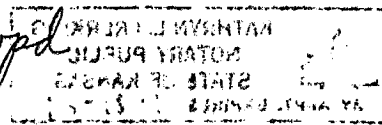
METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease None  Dually Completed  Commingled

4236-4245

\* Note: State Test 5-19-87 = 97 bopd + 12 bwpd



DRILLERS' LOG

COMPANY: Palomino Petroleum      WELL: Hineman #1  
 CONTRACTOR: Mallard JV, Inc.      API#: 15-101-21,364  
                  PO Box 1009  
                  McPherson, Ks.      LOCATION: NW SE SE  
 COMMENCED: March 4, 1987      Sec. 13, Twp. 19S, Rge. 28W  
 COMPLETED: March 14, 1987      COUNTY: Lane  
 TOTAL DEPTH: 4700'      ELEVATION: 2735' G. L.  
    2743' K. B.

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<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>
Soil, Shale	0'	1570'
Sand	1570'	1780
Cedar Hills	1870	2071
Anhydrite	2071	2097
Shale	2097	3553
Shale, Lime	3553	3931
Lime, Shale	3931	4366
Lime	4366	4550
Conglomerate, Miss.	4550	4700 R.T.D.

REMARKS

Cut 12 $\frac{1}{4}$ " hole to 222' and ran 5 jts. 8 5/8" x 20# x 205.12' surface casing. Set at 214.62' and cemented with 150 sacks 60/40 poz., 2% gel, 3% cc. P.D. at 10:50 p.m. 3/4/87.

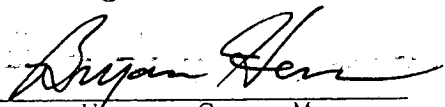
Ran electric log and 6 DSTs.

Ran 131 joints 5 $\frac{1}{2}$ " x 4693' casing and set at 4699'. Cemented with 200 sacks 60/40 poz., 2% gel, 10% salt. 15 bbl salt flush preceeding. P.D. with 1100# at 4674' with wire line at 4:45 p.m. 3/14/87. Released and held.

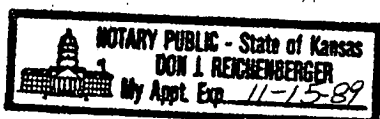
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STATE OF KANSAS      )  
    ) SS:  
 COUNTY OF McPHERSON)

I, BRYAN HESS of MALLARD DRILLING, do hereby certify that this is a true and correct copy of the log of the Hineman #1 well as reflected by the files of Mallard Drilling.

  
 Bryan Hess, Gen. Mgr.

Subscribed and sworn to before me this 27th day of March, 1987.



  
 Notary Public

RECEIVED  
 STATE CORPORATION COMMISSION

MAY 29 1987

CONSERVATION DIVISION  
 Wichita, Kansas