

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-...101-21,401-0000  
County... Lane  
E/2 E/2 SE Sec. 13 Twp. 19 Rge. 28 East  
X West

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

1320 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser None - D & A - to be SWDW  
(Lease = Clear Creek)

Lease Name Hineman Well # 2

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

Field Name Hackberry Creek NE

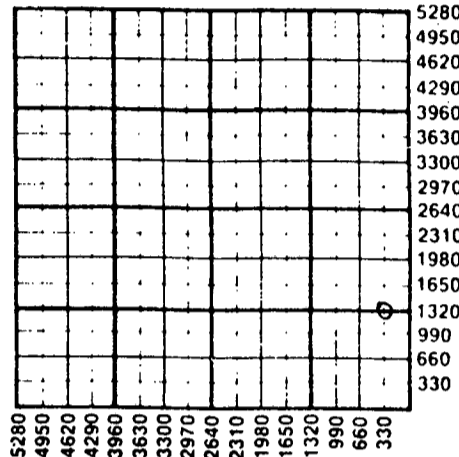
Producing Formation None - D & A - to be SWDW

Contractor: License # 4958  
Name Mallard JV, Inc.

Elevation: Ground 2734 KB 2742

Wellsite Geologist Ann Watchous  
Phone (316) 283-0232

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

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

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable  
7-29-87 8-7-87 8-8-87  
Spud Date Date Reached TD Completion Date (rotary)  
4680 2002  
Total Depth PBD

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. #)

Amount of Surface Pipe Set and Cemented at 232 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set...feet  
If alternate 2 completion, cement circulated from 2038 feet depth to surface, 350 sx cmt  
Cement Company Name Allied Cementing Co.  
Invoice # 49421

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-1 Plug Other  
8-21-87  
AUG 21 1989

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 8-20-87

Subscribed and sworn to before me this 20th day of August 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

Sec. 13 Twp. 19 Rge. 28

Operator Name Palomino Petroleum Lease Name Hineman Well # 2

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

13-19 -28W, C E/2 E/2 SE  
 PALOMINO PETROLEUM, #2 HINEMAN  
 ROUTE 5, BOX 51-C, NEWTON, KS 67114  
 CONTR: MALLARD JV, INC, API 15-101-21401  
 SITE: 5-1/4 S & 5-1/2 E OF DIGHTON, KS  
 FLD: HACKBERRY CREEK NE  
 FR 07/20/87, SPD 07/29/87.  
 ELV: 2742 KB, LOG  
 ANH.....2072 +870  
 HEEB.....3958 -1214  
 LANS.....4002 -1280  
 STARK.....4274 -1632  
 FT SC.....4526 -1784  
 MISS LM.....4630 -1888  
 MISS DOL.....4639 -1897  
 LTD.....4681 -1939  
 RTD.....4680 -1938  
 CSG: 8-6/8" 232 / 140 SX, 4-1/2" 2038 / 450 SX  
 DST (1) 4146-4236 (LANS 140,180), / 30-30-30-30, REC 245' TM ISIP 1242# FSIP 1242#  
 IFP 93# -116# FFP 162# -186#  
 DST (2) 4236-4256 (LANS 180), / 30-30-30-30, REC 995' SW ISIP 1029# FSIP 1028# IFP 79# -284# FFP 340# -454#  
 DST (3) 4272-4296 (LANS 200), / 30-30-30-30, REC 345' MW ISIP 1129# FSIP 1107# IFP 68# -125# FFP 159# -181#  
 DST (4) 4296-4362 (LANS 220, MARM UPR), / 30-30-30-30, REC 1995' MW ISIP 1252# FSIP 1252# IFP 238# -657# FFP 691# -927#  
 DST (5) 4362-4620 (LKC, MARM, MISS), / 30-30-80-30, REC 245' V SU O&GCM ISIP 1196# FSIP 1180# IFP 170# -204# FFP 227# -250#

CASING RECORD  New  UWOCT - TO BE SWDW

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 1/4	8 5/8 <i>new</i>	20	232	60-40oz	140	2%gel, 3%cc
Disposal	7 7/8	4 1/2 <i>used</i>	9	2038	Common Pozmix	188	6%gel
		<i>Used 25 sacks for rethole &amp; mouse hole</i>				187	94# Flo-seal

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
one	1680-1780	None	

TUBING RECORD Size 2 3/8 Set At 1630 Packer at 1630 Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

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

METHOD OF COMPLETION

Production Interval

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