

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 SWDW

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

Contractor: License # 4083
Name Western Kansas Drilling Co., Inc.

Wellsite Geologist Ann Watchous
Phone (316) 283-0232

Designate Type of Completion
 New Well Re-Entry Workover

 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:
 Mud Rotary Air Rotary Cable
1-21-88 1-28-88 2-8-88
Spud Date Date Reached TD Completion Date
4700 2100
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 214 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 2137 feet depth to surface w/ 450 SX cmt
Cement Company Name Allied
Invoice # 50850

API NO. 15-101-21,451-0000

County Lane

NE SE NW Sec. 20 Twp. 19 Rge. 28 East XX West

3630 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

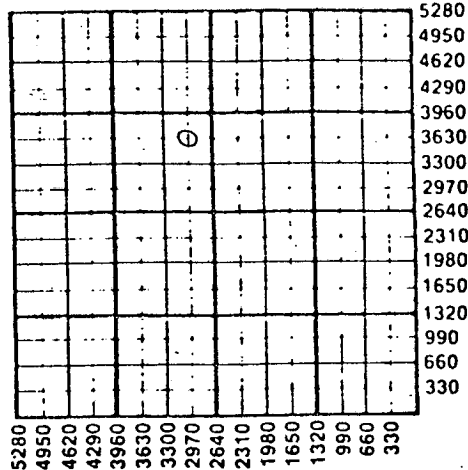
Lease Name Lenore Well # 2

Field Name Hineman

Producing Formation SWDW

Elevation: Ground 2786 KB 2791

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

XX Other (explain) Unknown-hauled by Western Kansas (purchased from city, R.W.D. #) Drlg., rotary contractor.

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

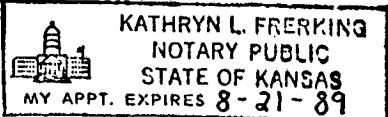
Title Owner Date 2-9-88

Subscribed and sworn to before me this 9th day of February 1988

Notary Public Kathryn L. Frerking

Date Commission Expires August 21, 1989

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
STATE CORPORATION COM SWD/REP NGPA
KCC Plug Other
KGS 18 1988 (Specify)
2-18-88
CONSERVATION DIVISION
Wichita, Kansas



Sec. 20 Twp. 19 Rge. 28

Operator Name Palomino Petroleum Lease Name Lenore Well # 2

Sec. 20 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

20-19-28W, NE SE NW
 PALOMINO PETROLEUM, #2 LENORE
 Route 5, Box 51-C, Newton, KS 67114
 CONTR: Western Kansas Drilling Company, Inc.
 API: 15-101-21451
 SITE: 5-3/4 S & 1 E of Dighton, KS
 FLD: Hineman
 FR 1/7/88, SPD 1/21/88, CSG: 8-5/8"
 214 / 140 SX (oil) PTD: 4700 (Miss.),
 ELV: 2791 K.B.

D.S.T. #1: 4281-4340 (180' z. & 200' z.),
 30-30-30-30, rec. 855' of mdy wtr.
 FP 79-238, 318-409; SIP 1006-972.

D.S.T. #2: 4338-4450 (220' z. & Upper Marm.),
 30-30-30-30, rec. 100' wtr with 2' of free oil
 on top. FP 90-90, 113-113; SIP 1062-1051.

D.S.T. #3: 4450-4620 (Mid. Marm. & Ft. Scott)
 open 30 min., weak blow to dead in 22 min.
 Rec. 20' mud. FP 100-100; 30 min. SIP 340#.

Ran 65 jts used tested 4 1/2", 10 1/2" casing set @
 2137 & cemented w/450 sacks 50-50 pozmix, 6%
 gel. Cement did circ.

ELOG TOPS:

Anhy.	2127 (+ 664)
Heeb.	3980 (-1189)
L-KC	4022 (-1231)
Stark	4305 (-1514)
Ft. Scott	4556 (-1765)
Miss. Ls.	4682 (-1891)
Miss. Dolo.	4692 (-1901)
RTD	4700
Elog TD	4700

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 1/4	8 5/8	20	214	60-40 poz	140	2% gel, 3% cc
Production	7 7/8	4 1/2	10 1/2	2137	50-50 poz	450	6% gel
PERFORATION RECORD <input checked="" type="checkbox"/> Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth							
1	1750-1850			None			
TUBING RECORD Size <u>2 3/8" duoline @1702'</u> Set At <u>1702'</u> Packer at <u>1702'</u> Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
SWDW		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION Perforation 1750-1850 for SWDW
 Disposition of gas: Vented Open Hole Perforation Sold Other (Specify)
 Used on Lease Dually Completed Commingled

