

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 # 9953
Name Harris Oil & Gas
Address 1775 Sherman, Suite 2990
Denver, CO 80203
City/State/Zip

Purchaser: Texaco Trading & Transportation, Inc.

Operator Contact Person: Bud Harris
Phone: 303-831-1303

Contractor: License # 6033
Name: Murfin Drilling Company

Wellsite Geologist: Dan Sommer
Phone: (303) 798-3475

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
8-9-88 8-21-88 10-25-88
Spud Date Date Reached TD Completion Date
5965' 5890'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 1553 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1552 feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API No. 15-175-21,039-0000
County: Seward
..G.. NE.. SE... Sec 3... Twp 32S... Rge. 33W... East West
1980 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

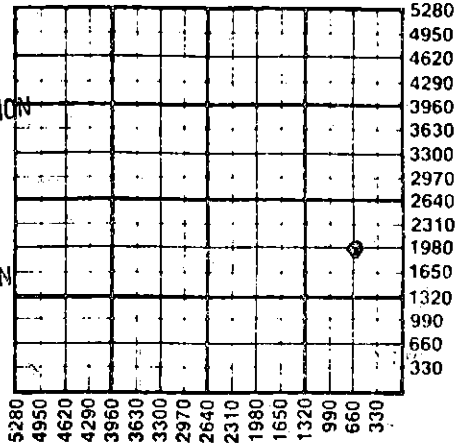
Lease Name: Citizens State Bank Well # 1-3

Field Name: Angel No. Ang.

Producing Formation: Miss Chester

Elevation: Ground 2881 KB 2891

Section Plat



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: Water well. T88-403
Division of Water Resources Permit #

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

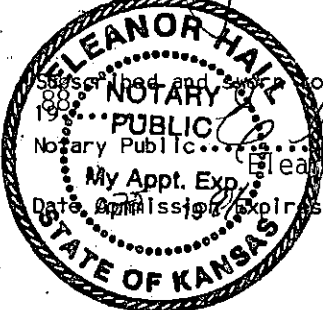
Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

Other (explain).....
(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: [Signature]
Title: Drilling Manager Date: 9-2-88



Subscribed and sworn to before me this 2nd day of September 1988
Eleanor Hall, Notary Public
My Appt. Exp. 4-25-91

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
1-17-89

Sec. 3, Twp. 32S, Rge. 33W

Operator Name **Harris Oil & Gas** Lease Name **Citizens State Bank** Well # **1-3**

Sec. **3** Twp. **32S** Rge. **33W** East West County **Seward**

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

DST#1 5737-5757 Packer failure
 DST#2 Hit Bridge at 1757'
 DST#3 5686-5757' 30-60-60-120
 IHH 2784
 IF 145-112
 Wk blow increasing strong
 ISI 161
 FF no flow, tool plugged
 FSI 403
 FHH 2752
 Recovered 90' drill mud

Name	Top	Bottom
Heebner	4208	(-1317)
Toronto	4220	(-1338)
Kansas City	4788	(-1897)
Marmaton	4948	(-2057)
Morrow Sh	5510	(-2619)
Chester	5634	(-2743)
St. Gen	5814	(-2923)
St. Louis	5902	(-3011)

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"	24	152	Pacesetter	545	2% cc
Production	7 7/8"	4 1/2"	10.5	5890	Class C	150	2% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2 SPF	5740-5746			Acidize 1500gal. & 20 ball sealers		Frac w/13,000 gal. gelled diesel & 25,000# 20-40 sand	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Set At		Packer at			
10/25/88		5783		5666			
Producing Method: <input type="checkbox"/> Flowing <input checked="" 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		
	26	110	-0-	2363 to 1	36°		
	Bbls	MCF	Bbls	-CFPB			

Halac 1322

METHOD OF COMPLETION

Production Interval

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

