

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 # 4742 name Texaco Inc. for Texaco Producing Inc address Box 2420 City/State/Zip Tulsa, Ok 74102

Operator Contact Person T. E. Jackson Phone 316-792-2193

Contractor: license # NA name

Wellsite Geologist NA Phone

PURCHASER Koch Oil Co.

Designate Type of Completion [ ] New Well [ ] Re-Entry [x] Workover

[x] Oil [ ] Gas [ ] Dry [ ] SWD [ ] Inj [ ] Other [ ] Temp Abd [ ] Delayed Comp.

Old well info as follows: Operator Texaco Inc for Texaco Producing Well Name Opal Lanterman Comp. Date 6-11-57 Old Total Depth 3450

WELL HISTORY

Drilling Method: [x] Mud Rotary [ ] Air Rotary [ ] Cable

4-29-57 5-31-57 6-11-57 Spud Date Date Reached TD Completion Date

3450 Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 667 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 667 w/ 400 SX cmt

API NO. 15 NA - 1957 Kc-Kc

County Barton

SW SW Sec 16 Twp 20S Rge 12 West

330 Ft North from Southeast Corner of Section 495.0 Ft West from Southeast Corner of Section

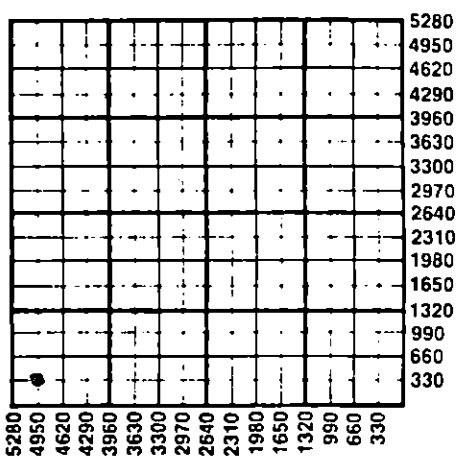
Lease Name Opal Lanterman Well# 5

Field Name Workman NW

Producing Formation Arbuckle

Elevation: Ground 1846.5 KB 1853

Section Plat



WATER SUPPLY INFORMATION

Source of Water: NA

Division of Water Resources Permit #

[ ] Groundwater Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge [ ] 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.

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 John K. Hamby JOHN K. HAMBY Title District Commission Engineer Date

Subscribed and sworn to before me this 23rd day of Jan 1986

Notary Public Deborah M. Coburn Date Commission Expires 8/3/88

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

Form ACO-1 (7-84) JAN 27 1986

**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

Name Top Bottom

NA - OWWO

**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 production		8-5/8	28	667	reg.	400	
		14		3436	reg.	125	

**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	3348-52; 3329-35	1000 gal 15% SGA	3436-50
2	3236-38; 3247-52	1000 gal 15% SFA	3348-52
	3221-34	1000 gal 15% SGA	3329-35
		1400 gal 15% SGA	3247-52
			3221-34; 3262-68

**TUBING RECORD**

size 2-3/8 set at 3447 packer at

Liner Run  Yes  No

Date of First Production  
6-11-57

Producing method  flowing  pumping  gas lift  Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
1-2-86	33 Bbls	0 MCF	47 Bbls	CFPB	31.3

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  
 sold  
 used on lease

open hole  perforation  
 other (specify) .....  
 Dually Completed  
 Commingled

...3436-50; 3348-50;  
 ...3329-35; 3262-68;  
 3247-52; 3221-34