

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5153Name: Texaco, Inc.Address P. O. Box 2700City/State/Zip Pampa, TX 79066-2700Purchaser: Texaco Trading & TransportationOperator Contact Person: J. M. BarnumPhone (806) 665-1876Fractor: Name: H-30License: 5107Wellsite Geologist: Marty Thomas

Designate Type of Completion

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

If OWD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

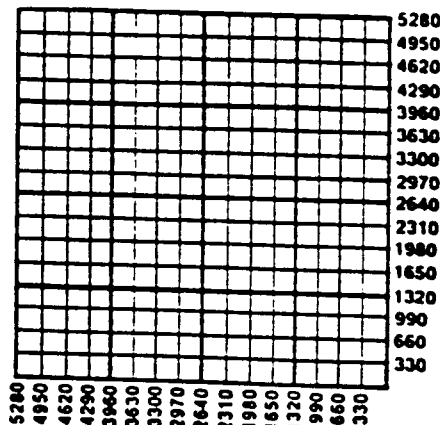
Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable7-10-90 7-20-90 8-6-90

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 J. M. BarnumTitle Area Manager Date 9/12/90Subscribed and sworn to before me this 13th day of September, 1990.Notary Public Merle W. SnellDate Commission Expires 2-23-91API NO. 15- 067-21066County GrantSW NW NW Sec. 29 Twp. 29S Rge. 38 ☒ East West4,290 Ft. North from Southeast Corner of Section4,950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)Lease Name W. E. Scherling Well # 29-1Field Name Big BowProducing Formation St. LouisElevation: Ground 3,139' KB 3,150'Total Depth 5,927' PBTD 5,812'Amount of Surface Pipe Set and Cemented at 1,831 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ SX cmt.

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Drillers Timelog Received
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> Other (Specify)

Operator Name Texaco, Inc.Lease Name W. B. Scherling Well # 29-1☐ EastCounty GrantSec. 29 Twp. 29 Rge. 38☒ West

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
 (Attach Additional Sheets.)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name

Top

Bottom

See Attachment

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
Conductor	24"	20"		40'	4½ yds Grout 6 sxs		cement
Surface	12-1/4"	8-5/8"	24#	1,831'	See Attachment		
Production	7-7/8"	5-1/2"	15.5#	5,926'	See Attachment		

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	5667 - 5674	400 gal. 10% MSA acid PEN-88, 1 gal Io-Surf 259, 1 gal MSA inhibitor	

TUBING RECORD

Size
2-7/8"

Set At

5,712'

Packer At

None

Liner Run

☐ Yes ☒ No

Date of First Production

8-8-90

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)Estimated Production
Per 24 Hours

Oil

Bbls.

306

Gas

Mcf

0

Water

Bbls.

253

Gas-Oil Ratio

Gravity

46 @ 60°

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Conmingled
☐ Other (Specify) _____

W. B. SCHERLING WELL NO. 29-1
API #15-067-21066
SECTION 29, T-29-S, R-38-W
GRANT COUNTY, KANSAS

Surface Casing Cement Dowell-Schlumberger, invoice number 83-12-2817. 635 sacks 50/50 Poz, 4% gel, 2% CaCl, 1/4# per sack flocele. 180 sacks Class H, 2% CaCl, 1/4# per sack flocele.

Production Casing Cmt B-J Services, invoice number U2043. 1st stage: 390 sacks 50/50 Poz, 2% gel, 10% salt, 0.75% FL-50, 0.1% CD-31. 2nd stage: 25 sacks 65/35 Poz, 6% gel, 240 sacks 50/50 Poz, 2% gel, 6% salt, 0.5% FL-50, 0.1% CD-31, 0.2% A-2

Formation Description

Name	Top	Bottom
Harrington	2313	2333
Krider	2333	2402
Winfield	2402	2604
Council Grove	2604	
Lansing	3905	4492
Marmaton	4492	5036
Atoka	5036	5169
Morrow	5169	5424
Lower Morrow	5424	5544
Chester	5544	5570
St. Genevieve	5570	5620
St. Louis	5620	