

ORIGINAL

SIDE ONE

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

Operator: License # 4742
Name: Texaco E & P, Inc.
Address P.O. Box 2700

City/State/Zip Pampa, TX 79066-2700

Purchaser: KN Energy
Operator Contact Person: Sylvia Porter
Phone (806) 669-8456

Contractor: Name: Allen Drilling Company
License: 5418

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-Entry: old well info as follows:
Operator: Texaco E & P Inc
Well Name: R. M. Burnham #22-3

XX RENAMED WELL
Comp. Date 2-22-97 Old Total Depth 5850'
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 2737' PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2-13-97 2-21-97 4-21-97
Date OF START Date Reached TD Completion Date OF
OF WORKOVER WORKOVER

API NO. 15- 175-21590-0001
County Seward
SW NE NE Sec. 22 Twp. 31S Rge. 32 E W

4290 Feet from SN (circle one) Line of Section
990 Feet from EW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, E, NW or SW (circle one)

Lease Name Estelle Smith Well # 22-3
Hugoton

Producing Formation Herrington, Upper & Lower Krider

Elevation: Ground 2859' KB 2872'

Total Depth 5850' PBTB 2737'

Amount of Surface Pipe Set and Cemented at 1727' Feet

Multiple 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.

Drilling Fluid Management Plan REWORK JX 5-7-97
(Data must be collected from the Reserve Pit) 5-5-97

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rge. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An Original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202-1212, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 Sylvia Porter

Title Engineering Technician Date 4-30-97

Subscribed and sworn to before me this 1st day of MAY
19 97

Notary Public Merle W. Swell

Date Commission Expires 2-23-99

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 Plug Other
(Specify)

Operator Name Texaco E & P Inc. Lease Name Estelle Smith Well # 22-3

Sec. 22 Twp. 31S Rge. 32 East West County Seward

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 (Attach Additional Sheets.) Yes No Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey Yes No

Cores Taken Yes No Name Top Datum

Electric Log Run (Submit Copy.) Yes No See Attached

List All E.Logs Run:

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#	1727'	See Att.		
Production	7-7/8"	5-1/2"	15.5#	2794	See Att.		

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
	4	2630-2638'		Acidized w/700 Gal. 15% HCL acid	
4	2660 - 2673'		Acidized w/1300 Gal. 15% HCL acid		
4	2684 - 2704'		Acidized w/2000 Gal. 15% HCL acid		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2717'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumed Production, SWD or Inj. Production	Producing Method
4-21-97	<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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		280		0			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval: 2630 - 2704'

ORIGINAL

ESTELLE SMITH #22-3
API #15-175 21590 0000
SW/4 NE/4 NE/4 Section 22-31S-32W
Seward County, Kansas

Cementing Data

8-5/8" Surface Casing Cement - Dowell Ticket No. 0312-8966
590 sacks 15/85 Poz C, 8% D-20, 2% S-1, 1/4 PPS D-29
200 sacks Class C, 2% S-1
Circulated 35 bbls. to surface

DP Plug - Dowell Ticket No. 0312-8988
Ran DP to 3282' - POOH up to 3119' - Pumped 40 sks Class H cmt plug
Displaced cmt to balance w/38 bbls dry mud - pulled DP up to 2850'
Plug - 3100-2960'

5-1/2" Production Casing Cement - Dowell Ticket No. 0312-8988
20 bbls CW 100 mud flush followed by 350 sacks RFC @ 14.5 #, 0.2% D-46

PBTD = 2737'

RECEIVED
KANSAS CORP COMM
1997 MAR -5 P 2:57

ORIGINAL

ESTELLE SMITH #22-3

API #15-175-21590 0001

SW/4 NE/4 NE/4 Section 22-31S-32W

Seward County, Kansas

Formation Tops and Datum

(KB Elevation = 2872)

<u>Formation</u>	<u>Top</u>	<u>Datum</u>
Herrington	2630'	+242
Upper Krider	2654'	+218
Lower Krider	2684'	+188
Winfield	2735'	+137
Ft. Riley	2779'	+ 93