

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: Williams Natural Gas

Operator Contact Person: Sylvia Porter

Phone (806) 669-8456

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Phil Schreiner

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTB

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

9-19-95 9-22-95 10-7-95
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21964 100-00

County Stevens

 , , C, NE Sec. 1 Twp. 34S Rge. 25 35 X E

3907 Feet from S/N (circle one) Line of Section

1267 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Wheeler Well # 1-2

Hugoton

Producing Formation Herrington, Krider, Winfield

Elevation: Ground 2962' KB 2972'

Total Depth 2900' PBTB 2859'

Amount of Surface Pipe Set and Cemented at 641' 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 AIT I 4-3-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____
RECEIVED
STATE CORPORATION COMMISSION

Location of fluid disposal if hauled offsite: _____

Operator Name DEC 27 1995

Lease Name _____ License No. _____

Wichita, Kansas 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, 200 Colorado Derby Building, Wichita, Kansas 67202, 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 [Signature]
Title Operations Manager Date 12-19-95

Subscribed and sworn to before me this 19th day of December, 19 95

Notary Public Marle W. Sessell

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 Wheeler Well # 1-2

Sec. 1 Twp. 34S Rge. 35
 East
 West

County Stevens

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:
 Compensated Neutron/Array Induction

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	12-1/4"	8-5/8"	24#	641'	See Att.		
Production	7-7/8"	4-1/2"	10.5#	2899'	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
1	2656 - 2674'	2500 Gal. 15% HCL, 846 bbl.	
1	2688 - 2696'	20% Gel, 135,180# 12/20	
1	2720 - 2746'	Brady Sand	
1	2766 - 2792'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2800'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

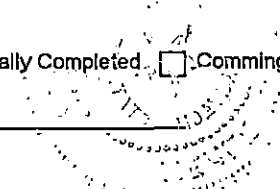
Date of First Resumed Production, SWD or Inj. Production	Producing Method
11-6-95	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	0		70					

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: 2656 - 2792'



ORIGINAL

WHEELER #1-2
API #15-189-21964
Sec. 1-34S-25W
Stevens County, Kansas

Formation Tops and Datum
(KB Elevation +2972.0')

<u>Formation</u>	<u>Top</u>	<u>Datum</u>
Herrington	2656'	+316
Upper Krider	2688'	+284
Lower Krider	2720'	+252
Winfield	2766'	+206

RECEIVED
STATE CORPORATION COMMISSION

DEC 27 1995

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

Wheeler #1-2
API #15-189-21964
Sec. 1-34S-25W
Stevens County, Kansas

Cementing Data

8-5/8" Surface Casing Cement - Dowell Schlumberger Inc. - Invoice #0312-1559
225 sacks 35/65 Poz/C, 6% D-20, 2% S1, 1/4# /sk D29
150 sacks C, 2% S1, 1/4#/sk D-29
Circulated approximately 20.5 bbls to surface

4-1/2" Production Casing Cement - Dowell Schlumberger Inc. - Invoice #0312-7545
340 sacks Class C, 3% D79, 1/4#/sk D29
200 sacks Class C, 1/4# sk/D-29
Circulated approximately 22 bbls. to surface

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 0312-1559 DATE: 9-19-95
 STAGE: DS DISTRICT: Ulysses Kansas

DS-496-A PRINTED IN U.S.A.

WELL NAME AND NO. Wheeler #1-2
 LOCATION (LEGAL) Sect-345-35W
 FIELD-POOL #1-2
 COUNTY/PARISH Stevens 189 STATE Kansas 15 API. NO.

RIG NAME: Alan #2
 WELL DATA: BIT SIZE 12 1/4 CSGLiner Size 8 1/2
 TOTAL DEPTH 660 WEIGHT 29 1/2
 ROT CABLE FOOTAGE 651
 MUD TYPE GRADE
 BHST BHCT THREAD 8RD
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 92 TOTAL
 MUD VISC. Disp. Capacity 32.8

NAME TRX90
 AND ORIGINAL
 ADDRESS
 ZIP CODE

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Float TYPE insert DEPTH 609
 Stage Tool TYPE DEPTH
 SHOE TYPE Cement Plug DEPTH 651

SPECIAL INSTRUCTIONS Rig up and pump 225 sks lead and 150 sks tail per customer's instruction
 IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 267 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 2000 PSI PSI BUMP PLUG TO PSI
 ROTATE RPM RECIPROCATATE FT No. of Centralizers 1

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE TOOL TYPE
 Single WEIGHT DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
 TOP OR W NEW USED CASING VOL. BELOW TOOL Bbls
 BOT OR W DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

TIME: 0001 to 2400 PRESSURE: TBG OR D.P. CASING VOLUME PUMPED BBL: INCREMENT CUM. JOB SCHEDULED FOR TIME: DATE: ARRIVE ON LOCATION TIME: DATE: LEFT LOCATION TIME: DATE:

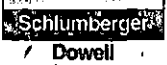
TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM.	TIME	DATE	TIME	DATE	TIME	DATE	
02:40	0		25		0	H ₂ O	8.33				
02:44			84	25		H ₂ O	8.33				
02:58	180		38	109	6	Cement	14.8				
03:14	210		38	147	6	"	11				
03:15	210		38	185	6	H ₂ O	H ₂ O				
03:18	210		38	223	6	H ₂ O	8.33				
03:20	220		30	253	2	H ₂ O	8.33				
03:25	960		38	291	2	H ₂ O	8.33				
03:29	870		38	329	0.5	"	11				

REMARKS: Pressure Test Lines and Bled OFF
 Start water Ahead
 Start Lead Cement
 Start Tail Cement
 Cement Mixed - Shut down - Drop Plug
 Start Displacement
 Cement to Surface
 Slow Rate
 Bump Plug
 Float Valve Holding - Pump Again

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
			BBL	DENSITY	BBL	DENSITY		
1.	225	12.2	35/65 P2/K	+ 69% D-20	+ 29% S1	+ 1/4 #1 SK D 29	12.2	
2.	150	13.2	C + 29% S1	+ 7/16 K D 29			14.8	

BREAKDOWN FLUID TYPE: HEBITATION SQ. RUNNING SQ. CIRCULATION LOST: YES NO
 PRESSURE: 200 MAX 900 MIN. Cement Circulated To Surf.: YES NO 205 Bbls
 BREAKDOWN: PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL: OIL GAS STORAGE BRINE WATER
 Washed Thru Perfs: YES NO TO FT. MEASURED DISPLACEMENT: WIRELINE INJECTION WILDCAT 5/5 SKS
 PERFORATIONS: TO TO CUSTOMER REPRESENTATIVE: Richard Thomas SUPERVISOR: [Signature]

CEMENTING SERVICE REPORT



TREATMENT NUMBER 03-12-7545 DATE 9-22-95
 STAGE DS DISTRICT ULYSSES 03-12

DS-498-A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

WELL NAME AND NO. WHEELER #1-2 LOCATION (LEGAL) SEC 1-34S-35W
 FIELD-POOL HUGOTON FORMATION CHASE
 COUNTY/PARISH STEVENS 189 STATE KS API. NO. 15

RIG NAME: ALLEN #2
 WELL DATA: BIT SIZE 7 7/8 CSG/Liner Size 4 1/2
 TOTAL DEPTH 2900 WEIGHT 10.5
 MUD TYPE GRADE 155
 MUD DENSITY 9.0 LESS FOOTAGE SHOE JOINT(S) 2862
 MUD VISC: Disp. Capacity 45.5

NAME TEXACO
 AND ORIGINAL
 ADDRESS
 ZIP CODE

NOTE: Include Footage From Ground Level To Head In Disp. Capacity
 Float TYPE ORIFICE Fill Insert DEPTH 2862
 Shoe TYPE CMT NOSE DEPTH 2904

SPECIAL INSTRUCTIONS
 Safely Cement 4 1/2" Production Casings WITH 340 SKS Class C + 3% D-79 + 1/4 #/SK D29 LRAO, and 700 SKS Class C + 1/4 #/SK D29 Tail AS Directed BY The Cust.

Head & Plugs: Double Single Swage Knockoff
 SIZE WEIGHT GRADE THREAD
 SQUEEZE JOB: TBG D.P.
 TAIL PIPE: SIZE DEPTH
 TUBING VOLUME CASING VOL. BELOW TOOL TOTAL ANNUAL VOLUME

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 1654 PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT 2000 PSI BUMP PLUG TO 500 OVR PSI
 ROTATE RPM RECIPROCAT FT No. of Centralizers

JOB SCHEDULED FOR TIME: DATE: ARRIVE ON LOCATION TIME: 12:30 DATE: 9-22-95 LEFT LOCATION TIME: 1700 DATE: 9-22-95

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME	DATE	TIME	DATE	TIME	DATE	
0001 to 2400											
1500							H ₂ O	8.33			PRESSURE TEST LINES
1501			20		5.8		H ₂ O	8.33			START H ₂ O SPACER
1505	270		166	20	5.8		CMT	11.5			START Lead CMT
1534	190		47	186	5.8		CMT	14.8			START TAIL CMT
1542	0			233							SHUT DOWN/WASH Pumps / DRUP TOPPING
1548	30		46		5.8		H ₂ O	8.33			START Displacement
1553	390			24	5.8		H ₂ O	8.33			CMT TO SURFACE
1555	690			38	5.8		H ₂ O	8.33			PSI Check
1555	650			38	2.0		H ₂ O	8.33			LOWER RATE
1600	1270			46							Bump Top Plug / SHUTDOWN
1606											Bleed lines / check float / Holding

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	340	2.75	Class C + 3% D79 + 1/4 #/SK D29		166.5	11.5
2.	200	1.32	Class C + 1/4 #/SK D29		47	14.8
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN. 45.5 92 45.6
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 45.5 Bbls TYPE OF WELL GAS STORAGE BRINE WATER
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE INJECTION WILDCAT
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR
 Richard STEVENSON Jon Sasa