

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 Co.

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 PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

9-23-95 9-26-95 10-10-95
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21960-00-00

County Stevens

C SE Sec. 2 Twp. 34S Rge. 35 X E

1250 Feet from S (circle one) Line of Section

1320 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (6) NW or SW (circle one)

Lease Name R. W. Packer Well # 2-2

Producing Formation Herrington, Krider, Winfield

Elevation: Ground 2985' KB 2995'

Total Depth 2900 PBSD 2860'

Amount of Surface Pipe Set and Cemented at 704' 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 ALT 1
(Data must be collected from the Reserve Pit) JK 9-12-96

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, 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 11-30-95

Subscribed and sworn to before me this 30th day of November 19 95

Notary Public Merle W. Small

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)

SIDE TWO

Operator Name Texaco E & P Inc. Lease Name R. W. Packer Well # 2-2
 Sec. 2 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 <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#	694'	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	2664-2670	2500 Gal. 15% HCL & 849 bbl.	
1	2697 - 2706	20# cross-linked gel.	
1	2728 - 2754	w/135,560 # 12/20 Brady Sand	
1	2776 - 2802		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	2817'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Resumed Production, SWD or Inj. Production	Producing Method
11-1-95	<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		390		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: 2664 - 2802'

ORIGINAL

R. W. PACKER #2-2
API #15-189-21960
Sec. 2-34S-35W
Stevens County, Kansas

Formation Tops and Datum
(KB Elevation +2995.0')

<u>Formation</u>	<u>Top</u>	<u>Datum</u>
Herrington	2663'	+332
Upper Krider	2697'	+298
Lower Krider	2726'	+269
Winfield	2773'	+222
Upper Fort Riley	2822'	+173

RECEIVED
STATE CORPORATION COMMISSION

DEC - 4 1995

CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

R. W. PACKER #2-2
API #15-189-21960
Sec. 2-34S-35W
Stevens County, Kansas

Cementing Data

8-5/8" Surface Casing Cement - Dowell Schlumberger Inc. Invoice #0312-7583

225 sacks 35/65 Poz, 6% Gel, 2% CC w/1/4# Floseal

150 sacks C+, 2% CC, 1/4# Floseal

Circulated approximately 11.5 bbls. cement to surface

4-1/2" Production Casing Cement - Dowell Schlumberger Inc. Invoice #0312-7591

350 sacks Class C, 3% CC, 1/4# Floseal

200 sacks Class C, 1/4# Floseal

Circulated approximately 20 bbls. cement to surface

RECEIVED
STATE CORPORATION COMMISSION

DEC - 4 1995

CONSERVATION DIVISION
WICHITA, KANSAS

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

ORIGINAL

INVOICE

REMIT TO: P O BOX 201556 HOUSTON TX 77216

0312

INVOICE DATE

09/30/95

PAGE

1

INVOICE NUMBER

03-12-7503

633668 TEXACO SERVICES INC 239382138

ORIGINAL

P O BOX 2700 PAMPA

TX 79066

TYPE SERVICE

CEMENTING CEMENT SURFACE C

WELL NAME /JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
R.W. PACKER 2-2	KS	STEVENS	ULYSSES	DOWELL	HBO 192081
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 2-34S-35W 433 977			09/24/95	RICHARD STEVENSON	

ACCOUNTING CODES

ITEM CODE	DESCRIPTION	UOM	QTY	LIST PRICE	LIST AMOUNT	% OFF	NET PRICE	NET AMOUNT
102871010	CSNG CMNT 501-1000' 1ST 8 HR	8HR	1	840.0000	840.00	60.0	336.0000	336.00
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	50	2.9500	147.50	60.0	1.1800	59.00
049102000	TRANSPORTATION CMNT TON MILE	MI	905	1.0000	905.00	60.0	.4000	362.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	410	1.3600	557.60	60.0	.5440	223.04
059697000	PACK TREAT ANALYSIS RECORDER	JOB	1	159.0000	159.00	60.0	63.6000	63.60
040003000	D903 , CEMENT CLASS C	CFT	299	9.0600	2,708.94	60.0	3.6240	1,083.58
101545000	D132 , LITEPOZ	CFT	78	4.3900	342.42	60.0	1.7560	136.97
045014050	D20, BENTONITE EXTENDER	LBS	1170	.1700	198.90	60.0	.0600	79.56
067005100	S1,CALCIUM CHLORIDE	LBS	682	.4000	272.80	60.0	.1600	109.12
044003025	D29, CELLOPHANE FLAKES	LBS	94	1.7700	166.38	60.0	.7000	66.55
056702085	PLUG CEMG 8-5/8" TOP PLASTIC	EA	1	109.0000	109.00	60.0	43.6000	43.60
040601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00	60.0	28.0000	28.00
102171000	DUST SOCKS	EA	2	56.0000	112.00	60.0	22.4000	44.80
053003085	INSERT DRIFICE FILL 8-5/8"	EA	1	360.0000	360.00	60.0	144.0000	144.00
056011085	CENTR REG 8-5/8,B DIA 12"	EA	1	82.0000	82.00	60.0	32.0000	32.00
040020000	CEMENT PUMP-ADDL HR ON LOCAT	HR	1	220.0000	220.00	60.0	88.0000	87.99

7,251.54 60.0 SUB TOTAL -- 2,900.61

M C STATE TAX ON 2,050.17 100.85
H F C LOCAL TAX ON 2,050.17 20.58

AMOUNT DUE -- 3,022.04

RECEIVED STATE CORPORATION COMMISSION

DEC - 4 1995

CONSERVATION DIVISION

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 22-1692661

TERMS -- NET 30 DAYS DUE ON OR BEFORE OCT 30, 1995

THANK YOU. WE APPRECIATE YOUR BUSINESS.

** WE CAN INVOICE YOU VIA EDI. CALL (713)275-8414 FOR INFORMATION **

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER	0312-7583	DATE	9-24-95
STAGE	DS	DISTRICT	Ulysses, Kansas 0312

WELL NAME AND NO.	R. W Packer	LOCATION (LEGAL)	Sec 2-34S-35W
FIELD-POOL	Hugoton	FORMATION	
COUNTY/PARISH	Stevens	STATE	Kansas
		API. NO.	

RIG NAME:	A 197 #2		
WELL DATA:	BOTTOM	TOP	
BIT SIZE	12 1/4	CSG/Liner Size	8 1/2
TOTAL DEPTH	710	WEIGHT	24 #
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	704	
MUD TYPE	GRADE		
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD	880	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)	41.56	TOTAL
MUD VISC.	Disp. Capacity	42.26 bbls	

NAME **Texaco**

AND **ORIGINAL**

ADDRESS _____

ZIP CODE _____

SPECIAL INSTRUCTIONS

Rig up and Pump 225 sks lead and 150 sks tail cement per company mass instruction

SHOE	TYPE	insert-Office	TYPE	
	DEPTH		DEPTH	
	TYPE	Cement Nose	TYPE	
	DEPTH		DEPTH	

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 289 PSI CASING WEIGHT = SURFACE AREA (9.14 x R²)

PRESSURE LIMIT 2000 PSI BUMP PLUG TO 780 PSI

ROTATE RPM RECIPROCATE FT No. of Centralizers 1

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.P.	SQUEEZE JOB
<input type="checkbox"/> Double	SIZE	TOOL TYPE DEPTH
<input checked="" type="checkbox"/> Single	WEIGHT	
<input type="checkbox"/> Swage	GRADE	TAIL PIPE: SIZE DEPTH
<input type="checkbox"/> Knockoff	THREAD	TUBING VOLUME Bbls
TOP <input checked="" type="checkbox"/> R <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls
BOT <input type="checkbox"/> R <input type="checkbox"/> W	DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

ARRIVE ON LOCATION TIME: 2130 DATE: _____ LEFT LOCATION TIME: 0700 DATE: 9-24-95

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	
05120											
05125	2500	2000									
05127	-	180	25	-	6	H ₂ O	8.34				
05131	-	240	84	25	6	Cement	12.2				
05147	-	160	35	109	6	Cement	14.8				
05155	-	190	144	144	6	Cement	14.8				
06:01	-	110	425	30	6	H ₂ O	8.34				
06:06	-	150		30	2	H ₂ O	8.34				
06:07	-	160		33	2	H ₂ O	8.34				
06:11	-	200		425	2	H ₂ O	8.34				
06:12	-	0					8.34				

PRE-JOB SAFETY MEETING

Pressure Test Lines to 2500

Start Water Ahead

Start Lead Cement

Start Tail Cement

Shot down Drop Plug (wash lines)

Start Displacement

Slow Rate

Cement to Surface

Bump Plug Shot down 780 PSI

Bleed Lines ck Float (float holding)

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STATE CORPORATION COMMISSION
DEC - 4 1995

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED		
			BBLs	DENSITY	BBLs	DENSITY	
1	225	2.10	35/65 Poz/C + 6.9% D-20 + 2.9% SI + 4.1B/SK D-29	89	12.2		
2	150	1.32	C + 2.9% SI + 4.1B/SK D-29	35	14.8		
3							
4							
5							
6							

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE 780	MAX.	MIN:
<input checked="" type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 11.5 Bbls
BREAKDOWN	PSI FINAL	PSI	DISPLACEMENT VOL. 42.5 Bbls	TYPE OF WELL	<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER <input type="checkbox"/> WILDCAT 29 SKS
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE	
PERFORMATIONS	TO TO	CUSTOMER REPRESENTATIVE	DS SUPERVISOR	Tom Miller	

Schlumberger

Dowell

REMIT TO: P O BOX 201556
HOUSTON TX 77216

INVOICE

0312

INVOICE DATE

09/30/95

633668
TEXACO SERVICES INC 239382138

ORIGINAL

PAGE

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INVOICE NUMBER

03-12-7591

P O BOX 2700
PAMPA TX 79066

TYPE SERVICE

CEMENTING
CEMENT PRODUCTIO

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
R.W. PACKER 2-2	KS	STEVENS	ULYSSES	DOWELL	HBO 192081
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SEC 2-34S-35H 433 977			09/26/95	RICHARD STEVENSON	

ACCOUNTING CODES

ITEM CODE	DESCRIPTION	UOM	QTY	LIST PRICE	LIST AMOUNT	% OFF	NET PRICE	NET AMOUNT
102871030	CSNG CMNT 2501-3000' 1ST BHR	BHR	1	1,390.0000	1,390.00	60.0	556.0000	556.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	566	1.3600	769.76	60.0	.5440	307.90
049102000	TRANSPORTATION CMNT TON MILE	MI	1351	1.0000	1,351.00	60.0	.4000	540.40
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	159.0000	159.00	60.0	63.6000	63.60
048601000	CEMENT HEAD RENTAL	JOB	1	70.0000	70.00	60.0	28.0000	28.00
102171000	DUST SOCKS	EA	2	56.0000	112.00	60.0	22.4000	44.80
050101044	SHOE CEM TYPE GUIDE 4-1/2"	EA	1	120.0000	120.00	60.0	48.0000	48.00
053003044	INSERT ORIFICE FILL 4-1/2"	EA	1	220.0000	220.00	60.0	88.0000	88.00
056011044	CENTR REG 4-1/2" DIA 7-3/4"	EA	3	58.0000	174.00	60.0	23.2000	69.60
056008044	BASKET CENG CASING 4-1/2"	EA	1	162.0000	162.00	60.0	64.8000	64.80
057499001	K232, THD LKG COMPOUND KIT	EA	1	28.0000	28.00	60.0	11.2000	11.20
056702044	PLUG CENG 4-1/2" TOP PLASTIC	EA	1	49.0000	49.00	60.0	19.6000	19.60
040003000	D903, CEMENT CLASS C	CFT	552	9.0600	5,001.12	60.0	3,6240	2,000.45
045041100	D79, CHEMICAL EXTENDER	LBS	988	1.4400	1,422.72	60.0	.5760	569.09
044003025	D29, CELLOPHANE FLAKES	LBS	138	1.7700	244.26	60.0	.7080	97.70
059200002	MILEAGE, ALL OTHER EQUIPMENT	MI	51	2.9500	150.45	60.0	1.1800	60.18
					11,423.31	60.0	SUB TOTAL --	4,569.32
H C	STATE TAX ON						3,508.84	171.94
H F C	LOCAL TAX ON						3,508.84	35.09
							AMOUNT DUE --	4,776.35

RECEIVED
STATE CORPORATION COMMISSION

DEC -4 1995

CONSERVATION DIVISION
WARRANTS

WITH QUESTIONS CALL 316-356-1272
FEDERAL TAX ID # 22-1692661

THANK YOU. WE APPRECIATE YOUR BUSINESS.

TERMS -- NET 30 DAYS DUE ON OR BEFORE OCT 30, 1995

** WE CAN INVOICE YOU VIA EDI. CALL (713)275-8414 FOR INFORMATION **

CEMENTING SERVICE REPORT

Schlumberger

Dowell

DOWELL SCHLUMBERGER INCORPORATED

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

TREATMENT NUMBER 0312-1891	DATE 9-26-95
STAGE DS	DISTRICT UNSS/KANSAS 0312

WELL NAME AND NO. R.W. Packer 2-2	LOCATION (LEGAL) Sec 2-34S-35W
FIELD-POOL Hugoton	FORMATION
COUNTY/PARISH Stevens 189	STATE Kansas 15
API. NO.	

RIG NAME:	
WELL DATA:	BOTTOM TOP
BIT SIZE 7 7/8	CSG/Liner Size 4 1/2
TOTAL DEPTH 2900	WEIGHT 10.5
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2908
MUD TYPE	GRADE
<input type="checkbox"/> BHST	THREAD 8rd
<input type="checkbox"/> BHCT	LESS FOOTAGE SHOE JOINT(S) 92.15
MUD DENSITY	DISP. CAPACITY 8.34
MUD VISC.	

NAME Texaco Exp Inc

AND

ADDRESS

ORIGINAL

SPECIAL INSTRUCTIONS
Rig up and pump 350 SKS Lead and 200 SKS Tail Per Company Man's Instruction

Float	TYPE	Flapper insert	DEPTH	2866
Shoe	TYPE	Cement Nose	DEPTH	

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE 1720 PSI CASING WEIGHT ± SURFACE AREA (3.14 x R²)

PRESSURE LIMIT 2500 PSI BUMP PLUG TO 1230 PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers 1

Head & Plugs TBG D.P. SQUEEZE JOB

Double WEIGHT TOOL TYPE

Single GRADE TAIL PIPE: SIZE DEPTH

Swage THREAD TUBING VOLUME Bbls

Knockoff NEW USED CASING VOL. BELOW TOOL Bbls

TOP AR OW DEPTH TOTAL Bbls

BOT AR OW DEPTH ANNUAL VOLUME Bbls

ARRIVE ON LOCATION TIME: 1006 DATE: 9-26-95 LEFT LOCATION TIME: 1430 DATE: 9-26-95

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0001 to 2400											
11:40	-	2200			0	H ₂ O	8.34				
11:43	-	230	25		6	"	"				
11:48	-	390	177	25	6	Cement	11.5				
12:31	-	400	47	196	3	Cement	14.8				
12:48	-	410		243	3	Cement	14.8				
12:53	-	190	45.5	-0-	4	H ₂ O	8.34				
12:58	-	250		28	4	H ₂ O	8.34				
13:00	-	480		30	2	H ₂ O	8.34				
13:08	-	70		45 1/2	2	H ₂ O	8.34				
13:09	-	0		-	0	H ₂ O	8.34				

SERVICE LOG DETAIL

PRE-JOB SAFETY MEETING

Pressure Test Lines to 2000 PSI

Start H₂O Ahead

Start Lead Cement

Start Tail Cement

SHut down Drop Plug

Start Displacement

Cement to Surface (750 PSI)

Slow Rate (480 PSI)

Bump Plug 1230 PSI

Breakback CK Float (Float Held)

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		STATE CORPORATION CODE	SLURRY MIXED	
			CLASS	ADDITIONALS		WATER BBLs	DENSITY
1.	350	2.75	Class C + 3%	0.79 + 2.5% SK D 129		171	11.5
2.	200	1.32	Class C +	.025% SK D 29		47	14.8
3.							
4.							
5.							
6.							

BREAKDOWN FLUID TYPE

HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO

Cement Circulated To Surf. YES NO 2.0 Bbls

BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. 95.5 Bbls

Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE

PERFORATIONS TO TO CUSTOMER REPRESENTATIVE DS SUPERVISOR

Richard Stevens

L. Will

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

9-23-

1975

RIG NO. #2

WELL OWNER

TEXACO

LEASE

ROCKAWAY (B.M.)

WELL NO.

#1-2

SECTION

TOWNSHIP 34

RANGE 35

COUNTY STEVENS

STATE

KS

IF INJURED, SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
			30601	60 MFT GEORGE MUNDZ 8
			3 Lime	TERRY GRUBER 8
			Cedar F. Bor	CHRIS MORLEN 8
			ORIGINAL	ADOLFO RIVERA 8

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00/3:00 - Rig down & move to new location then rig up.				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
				Sergio Tinoco 8
				Juan Chavez 8
				Arturo Cabezas 8
				Jorge Fabela 8

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00-3:00 Move Rig & Rig up Ready to Spud				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
0	710	710		GARY KISSON 8
				CARLOS MARTINEZ 8
				OSCAR MARTINEZ 8
				Hector Torres 8

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 3:00 - 4:30 DRIG R/m H&E 4:30 - 5:00 DRIG				
SIZE	5:00 - 5:15 9T/Pump & 15-900 DRIG 9:00 - 9:15 CTCH				
MAKE	9:15 - 10:00 TOH / surface casing 10:00 - 11:00 Run 8 5/8				
SERIAL NO.					
SERIAL NO.					

ALLEN DRILLING COMPANY

DAILY DRILLING RECORD

GREAT BEND, KANSAS

9-24 ORIGINAL 95 #2

FOR 24 HOURS ENDING AT MIDNIGHT

WELL OWNER

TEXACO

LEASE

PACKER RW (B.M)

WELL NO.

#2-2

SECTION

2

TOWNSHIP

34

RANGE

35

COUNTY

STEVENS

STATE

KS

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
710	710	0	Ran 17 JTS New 24" 95/8 Tally @ 6:22 set @ 6:24 w/ 2255x 3/65 par 6" abel 2" CL 1/4" Flowseal 1505x 21655 E 2" all 1/4" Flow Seal plug down @ 6:15 AM By Powell D. d.c.	65 MRT DRILLER	GEORGE MUNOZ 8	TERRY GROBER 8	CHRIS MORLEN 8 ADOLFO RIVERA 8

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SERIAL NO.	REMARKS: 11:00/12:30 - Run 8 3/8 12:30/1:00 - lay down 8 3/8 w/ Welder 1:30/5:30 - Run 6 3/8 5:00/5:15 CIR Hole 5:15/6:15 - C.M.T. 6:15/7:00 - WOC				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
710	950	240	Red Bed	Sergio Tinoco 8	Juan Chavez 8	Arturo Cabezas 8	Jorge Fabela 8
Changed Both Swabs @ Pump & changed chains Make up & Brake out Cut Heads							

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SERIAL NO.	REMARKS: 7:00 - 1:15 W.O.C. Wipe up B.O.P. T.I.H. 1:15 - 1:45 Drlg Plug & Cement 1:45 - 3:00 Drlg New 7 1/2" Hole w/ 1/2" Conn				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
950	1150		Red Bed	GARY KISSILL 8	CARLOS MARTINEZ 8	OSCAR DOMINGUEZ MARTINEZ 8	HECTOR TORRES 8
1150	1350		GLORIEtta sand	195 MRT DERRICKMAN			
1350	1420	870	Red Bed				

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. SIZE MAKE SERIAL NO. SERIAL NO.	REMARKS: 3:00 - 3:15 DRILG 3' 15 - 3:30 W/O RIG 4:30 - 4:45 set #2 @ 1137' 4:45 - 7:45 DRILG 7:45 - 8:00 set #1 @ 1597 8:00 - 10:30 DRILG 10:30 - 10:45 set #1 10:45 - 11:00 DRILG				

ALLEN DRILLING COMPANY

HACKER

DAILY DRILLING RECORD

GREAT BEND, KANSAS

ORIGINAL

FOR 24 HOURS ENDING AT MIDNIGHT

9-25-

1975

RIG NO.

WELL OWNER **TEVACO**

LEASE **WHEELER-RW- (FBM)**

WELL NO. **#2-2**

SECTION **2** TOWNSHIP **34** RANGE **35** COUNTY **STEVENS**

STATE **KS**

IF INJURED, SIGN AND DESCRIBE INJURY UNDER REMARKS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
1820'	2140	320	RED BED	65 MMT GEORGE MUNOZ	TERRY GRUBER	CHRIS WARLEN	ADOLFO RIVERA
DELS - 4 1/2 CONN - 1 VRIG - 1/4 JET - 1/4 TRIPS - 2							

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. #2 SIZE 7 7/8 MAKE REED W/M SERIAL NO. 4011 SERIAL NO. 106014	REMARKS: 11:00/11:30 - DRILG. 11:30/12:30 - TCM (BIT) 12:30/1:30 TCH 1:30/7:00 - DRILG.				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
2140	2495	355	Red Bed	45 MMT Sergio Tinoco	Juan Chavez	Arturo Cabezas	Jorge Fabela
Drlg 6 1/2 S/Rig 7/8 Jet 1/2 Conn 3/4				51 51			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 3 SIZE 1 1/4 @ 1859 MAKE W/M SERIAL NO. SIF SERIAL NO. A7384 No. B	REMARKS: 7:00 - 8:45 Drlg 8:45 - 9:00 S/Rig 9:00 - 10:15 Drlg 10:15 - 10:30 Jet #1 @ 2314 10:30 - 2:00 Drlg				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER	DERRICKMAN	MOTORMAN	HELPER
2495	2865	370	Red Bed	195 MMT GARY WESSELL	CARLOS MARTINEZ	OSCAR MARTINEZ	HECTOR TORRES
6 DRIG 1/2 JET 1/4 VRIG 1 1/4 CONN				43 Gel 1 S.A.			

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. 3 SIZE 7 7/8 MAKE W/M SERIAL NO. SIF SERIAL NO. A7384 No. B	REMARKS: 3:00 - 3:30 DRIG 3:30 - 3:45 RIG 3:45 - 7:00 DRIG 7:00 - 7:15 Jet #2 @ 2688 7:15 - 9:15 DRIG 9:15 - 9:30 Jet 9:30 - 11:00 DRIG w/conn				

ALLEN DRILLING COMPANY

PACKER

DAILY DRILLING RECORD

GREAT BEND, KANSAS

FOR 24 HOURS ENDING AT MIDNIGHT

9-26 ORIGINAL 95 #2

WELL OWNER TEXACO

LEASE WHEELER RW (G-1)

19 95 RIG NO. #2

SECTION 1 TOWNSHIP 34

RANGE 35 COUNTY STEVENSON

WELL NO. #2-2

IF INJURED: SIGN AND DESCRIBE INJURY UNDER REMARKS

STATE KS

WE HAVE NOT BEEN INJURED THIS DAY

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
2862	2900	35	RED BED	65 MRT DRILLER George Munoz 8
Drily 1/2				DERRICKMAN TERRY CRUBER 8
CIR 1				MOTORMAN KYLE BARRINGTON 8
TRIPS 3 1/2				HELPER CHRIS MORLOW 8
Logging 3 1/2				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO. <u>#3</u>	REMARKS: 11:00/11:30 - DRILLING				
SIZE <u>7 7/8</u>	TOH 11:45/11:30 - Logging				
MAKE <u>W/M</u>	HOLE 6:30/7:00 LOOP				
SERIAL NO. <u>51F</u>					
SERIAL NO. <u>A7384</u>					
<u>H00</u>					

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
				Sergio Tinoco 14
				45MRT DERRICKMAN Juan Chavez 14
				MOTORMAN Arturo Cabezas 14
				HELPER Jorge Fabela 14

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 7:00 - 9:00 Lay down D.P&DC				
SIZE	9:00 - 9:45 Broke Kelly, Nipple down B.O.P				
MAKE	9:45 - 11:00 Rig up Casers & Run Casing 4 1/2				
SERIAL NO.	11:00 - 1:15 Rig up Cement & B.Circ				
SERIAL NO.	1:15 - 9:00 Rig down / Move Rig & Rig up				

FROM	DRILLED TO	FEET DRILLED	FORMATION	DRILLER
				GARY BRESSELL 10
				195 MRT DERRICKMAN CARLOS MARTINEZ 10
				MOTORMAN OSCAR MARTINEZ 10
				HELPER HECTOR TORRES 10
				HELPER

DRILLING BITS	CASING RECORD: SIZE	BOTTOMED AT	CEMENT USED	DEFLECTION SURVEY	DEGREES OFF
RUN NO.	REMARKS: 1:00 - 12:00 R.D./M.R./R.U				
SIZE					
MAKE					
SERIAL NO.					
SERIAL NO.					

STATE CORPORATION COMMISSION RECEIVED