

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: _____

Operator Contact Person: Sylvia Porter

Phone (806) 669-8456

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: _____

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. _____

2-13-97 2-21-97 2-22-97

Spud Date Date Reached TD Completion Date

API NO. 15- 175 21590 0000

County Seward

SW NE NE Sec. 22 Twp. 31S Rge. 32 X E W

990 Feet from (D) (circle one) Line of Section

990 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 R. M. Burnham Well # 22-3

Block 31 SW

Producing Formation Morrow & St. Louis

Elevation: Ground 2865' 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 D&A JK 5-7-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 3 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____ 5-5-1997

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. Sewell

Date Commission Expires 2-23-99

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 type="checkbox"/> KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)	

Operator Name Texaco E & P Inc. Lease Name R. M. Burnham 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: Morrow zone was dry. PB

Compensated Neutron/Array Induction to Hugoton Infill at 2737'

See Estelle Smith #22-3

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#	1727'	See att.	590/200	
Production	7-7/8"	5-1/2"	15.5#	2794'	See att.	350	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate	2960-3100	Class H	40	Plug set
Protect Casing				
X Plug Back TD				
X Plug Off Zone	PBTD 2737			

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Resumed Production, SWD or Inj. Production D & A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N/A	N/A	N/A		

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

ORIGINAL

R. M. BURNHAM #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'

RECEIVED
KANSAS CORP COMM
MAY -5 P 2 58

ORIGINAL

R. M. BURNHAM #22-3
API #15-175-21590 0000
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>
Council Grove	3032'	-160
Topeka	3750'	-878
Base Heebner	4215'	-1343
Toronto	4224'	-1352
Lansing	4316'	-1444
Marmaton	4948'	-2076
Atoka	5244'	-2372
Morrow	5426'	-2554
Chester	5584'	-2712
St. Genevieve	5700'	-2828

RECEIVED
KANSAS CORP COMM
1971 MAY -5 P 2:58

DS-936-B Dowell SON TAKING CALL DATE/TIME DS LOCATION KANSAS TREATMENT NUMBER 03-1A-8966

CUSTOMER TEKACO INC. (ALLEN DRILLING.) ORDERED BY TOM NANKINS TELEPHONE MOBILE

TYPE JOB SURF JOB DATE TIME ON LOC PUMP CUSTOMER REP ON LOCATION TELEPHONE MOBILE

WELL NAME & NUMBER BURNHAM 2A-3 REWORK (NEW) LOCATION SEC 22-315-32W POOL/FIELD COUNTY/PARISH SEWARD

CONTRACTOR ON SITE ALLEN DRILLING DS SALES REPRESENTATIVE GERARD CUSTOMER ORDER NUMBER VERBAL STATE KANSAS

TUBING/OP:	SIZE	DEPTH MD / TVD	WT	THREAD	TREATMENT VIA: <u>CSG</u> ANN: TYPE: PACKER/RETAINER DEPTH:
CASING:	<u>8518</u>	<u>1650 ±</u>	<u>24</u>	<u>8AD</u>	SERVICE INSTRUCTIONS:
LINER:					<u>1- 8518 TEXAS PATTERN GUIDE SHOE</u>
OPEN HOLE:	<u>12 1/4</u>	<u>1650 ±</u>	BHST	BHCT	<u>1- 8518 DRIFILE FILL INSERT</u>

PERFORATED INTERVALS								FORMATION:	
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES		
	TO				TO			<u>SURFACE</u>	
	TO				TO			REQUIRED RATE/PRESS.	
	TO				TO			<u>4-6 BPM</u>	
	TO				TO			HYDRAULIC HORSEPOWER ORDERED:	
	TO				TO			<u>1 PUMP</u>	
DIAMETER OF PERFORATIONS =								MAX PSI ALLOWABLE:	
WELLHEAD CONN: <u>8518 HEAD - MANIFOLD - SWEDGE</u>								<u>1500</u>	

SPECIAL INSTRUCTIONS/EQUIPMENT: PRESSURIZED MUD SCALES

SYSTEM DESCRIPTION:

- System 1 590 SACKS 15/85 P02/C + 8% D-20 + 2% S-1 + 14 PPS D-29
- System 2 200 SACKS CLASS C + 2% S-1
- System 3
- System 4

Additional Materials:

Directions: UKS - 14 EAST TO HIGHWAY 190 - SOUTH TO SATANTA - ON EAST SIDE OF SATANTA TAKE HIGHWAY 190 SOUTH & EAST TO HIGHWAY 83 3 MILES EAST ON BLACKTOP - 2 1/4 MILES SOUTH WEST INTO LOCATION

KANSAS
 FEDERAL
 ROAD
 1971 MAY - 5

WELL NAME AND NO. **Burnham 22-3**
 LOCATION (LEGAL) **SEC. 22-315-324**
 FIELD-POOL **Houston**
 COUNTY/PARISH **DeWard**
 STATE **KS**
 APL. NO.

RIG NAME: **Allen 5**
 WELL DATA: BIT SIZE **12 1/4** CSG/Liner Size **8 3/4**
 TOTAL DEPTH **1727** WEIGHT **24**
 HOT CABLE FOOTAGE **1727**
 MUD TYPE GRADE
 BHST BHCT THREAD **8.0**
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) **16.8**
 MUD VISC. Disp. Capacity **1075**

ORIGINAL

NAME **DeWard (Allen Drilling)**
 AND
 ADDRESS
 ZIP CODE

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	auto-fill line	TYPE	
	DEPTH	1686	DEPTH	
Shoe	TYPE	tepas job	TYPE	
	DEPTH	1727	DEPTH	

SPECIAL INSTRUCTIONS
Labely units, 8 3/4 as per customer installation

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

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE **700** PSI CASING WEIGHT + SURFACE AREA (3.14 x R²)
 PRESSURE LIMIT **1500** PSI BUMP PLUG TO **975** PSI
 ROTATE RPM RECIPROCATE FT No. of Centralizers **2**

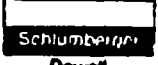
TIME	PRESSURE		VOLUME PUMPED bbl		JOB SCHEDULED FOR			ARRIVE ON LOCATION	LEFT LOCATION
	TBG OR D.P.	CASING	INCREMENT	CUM	TIME: 4:40P	DATE: 2-14	TIME: 1600	DATE: 2-14	TIME: DATE:
0001 to 2400					INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL	
								PRE-JOB SAFETY MEETING	
1905		2050	12	X	2	H ₂ O	8.3	Rig up down to pump ball through	
1913		1500		12	4	W	4	ball through	
2001		180	10	/	5.6	W	W	start #20	
2013		210	190	22	5.6	CMT	13	start LP CMT	
2047		225	45	112	5.6	CMT	14.8	start TL CMT	
2055		220		157	5.6	W	W	shut down	
2059		90	X		5.6	W	4	drop plug start disp	
2111		450		73	5.6	W	W	CMT to surface	
2116		640		100	5.6	W	W	psi check	
2117		560		104	1.6	W	W	lower rate	
2120		925		107	1.6	W	W	bump plug	
2122								bleed line check float	

RECEIVED
 KANSAS CORP. DIV.
 1977 MAY -5 P. 655

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	590	1.92	15 C	185 P2 + 80 P-20 + 20 S-1 + 4 SK P-29	190	13.0
2.						
3.	200	1.32		C + 2% S-1	45	14.8
4.						
5.						
6.						

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX **2050** MIN:
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf YES NO **35** Bbls.
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT **102 SK**
 Washed Thru Perls YES NO TO FT. MEASURED DISPLACEMENT WIRELINE
 PERFORATIONS TO TO CUSTOMER REPRESENTATIVE **Dick Collins** DS SUPERVISOR **Pat Pearson**



SERVICE ORDER

ORIGINAL

OS-236-B
 Schlumberger
 Downhill

PERSON TAKING CALL: Cole
 DATE/TIME:
 OS LOCATION: 11555 KS
 TREATMENT NUMBER: 0312-2988

CUSTOMER: TEXACO E.P.
 ORDERED BY: Roger Pearson
 TELEPHONE: MOBILE

TYPE JOB: L/S
 JOB DATE: 2-22-97
 TIME ON LOC:
 PUMP:
 CUSTOMER REP ON LOCATION: Roger Pearson - Consultant
 TELEPHONE: 316-621-1158
 MOBILE

WELL NAME & NUMBER: BURNHAM #22-3
 REWORK: (NEW)
 LOCATION: HUGOTON
 COUNTY/PARISH: SEWARD

CONTRACTOR ON SITE: Allen Drilling #5
 DR SALES REPRESENTATIVE: Cole
 CUSTOMER ORDER NUMBER: VERBAL
 STATE: KANSAS

TUBING GP	SIZE	DEPTH MD / TVD	WT	THREAD	TUBING GP	TREATMENT VIA	ANK	TYPE	PACKER/RETAINER DEPTH
	5 1/2	2800' ±	15.5	8 RD					
CASING	5 1/2								
LINER									
OPEN HOLE:	7 7/8		100						

PERFORATED INTERVALS								FORMATION		SERVICE INSTRUCTIONS:
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES			
								CHISE	1 - 5 1/2 STOP PING	
								REQUIRED RATE/PRESS.	1 - Threadlock nut	
								5-6 RPM	Calca = 413 Ft ³ @ 2800-1725'	
								HYDRAULIC HORSEPOWER GRADED:	Complete Texas Supplemental info	
								D-8	Sheet if 1-XI can get info on location -	
DIAMETER OF PERFORATIONS -								MAX PSI ALLOWABLE		Set 40 SA plug @ 3100', Cement @ 2800'

WELLHEAD COME: 1 1/2 X 1 1/2 Drill pin, 5 1/2 Head, Sump, Mem. fold

SPECIAL INSTRUCTIONS/EQUIPMENT:
 PRESS mud SCALE
 Centralizers 1 per joint for 1st 10 then every other joint til gone.
 Charge plug back & cement charges.

SYSTEM DESCRIPTION:

System 1: 40 SK H NEAT FOR plug back

System 2: 10 BBL CW100

System 3: 350 SK 12-0 RFC + 0.2% D46

System 4:

Additional Materials:

Directions: LKS - 14 EAST TO HWY # 190 - South to SATANTA - ON EAST side OF SATANTA, TAKE #190 SOUTH & EAST TO HWY # 83 - 3 miles EAST ON BLACKTOP - 2 1/4 miles SOUTH - West into location.

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KANSAS CORP OCM
MAY -5 1997
2 58

WELL NAME AND NO. Buena Vista #12-3 LOCATION (LEGAL) Sec. 22-31s-32w
FIELD POOL FORMATION

RIG NAME: Allen Drilling #5
WELL DATA: 2 7/8 BIT SIZE CSG/Liner Size
5850 TOTAL DEPTH WEIGHT
 ROT CABLE FOOTAGE
MUD TYPE GRADE
 BHST BHCT THREAD
MUD DENSITY LESS FOOTAGE SHOE JOINT(S)
MUD VISC. Disp. Capacity

COUNTY/PARISH Seward STATE FC API. NO.

ORIGINAL

NAME TEXACO AND ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	DEPTH	Stage Tool	TYPE	DEPTH
SHOE	TYPE	DEPTH			

Head & Plugs TBG D.P. SQUEEZE JOB
 Double SIZE 4 1/2 TOOL TYPE
 Single WEIGHT 16.6 DEPTH
 Swage GRADE TAIL PIPE: SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
TOP OR NEW USED CASING VOL. BELOW TOOL Bbls
BOT OR DEPTH 3100 TOTAL Bbls
ANNUAL VOLUME Bbls

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

JOB SCHEDULED FOR TIME 0900 DATE 12-22 ARRIVE ON LOCATION TIME 0900 DATE 12-22 LEFT LOCATION TIME: DATE:

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0001 to 2400								
1011	0		10		4	H ₂ O		PRE-JOB SAFETY MEETING start H ₂ O ahead start cement slurry start H ₂ O behind start mud PSI check " " shut down plug balanced
1014	210		9		4	cut	15.6	
1016	0		3 1/2		2.7	H ₂ O		
1017	50		38		2.8	mud		
1020	60		10		4	mud		
1026	90		32		2.7	mud		
1027			38		2.7	mud		

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CAMPAS CORP CN12
1977 MAR -5 P 2:58

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED	
				BBLs	DENSITY
1.	40	1.18	class H	8.4	15.6
2.					
3.					
4.					
5.					
6.					

BREAKDOWN FLUID TYPE VOLUME DENSITY PRESSURE MAX. MIN.
 HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO Cement Circulated To Surf. YES NO Bbls
 BREAKDOWN PSI FINAL PSI DISPLACEMENT VOL. Bbls TYPE OF WELL OIL STORAGE BRINE WATER
 Washed Thru Perfs YES NO TO FT. MEASURED DISPLACEMENT WIRELINE GAS INJECTION WILDCAT
 PERFORATIONS CUSTOMER REPRESENTATIVE DS SUPERVISOR
Roger Pearson James Esquivel

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

WELL NAME AND NO. **BURNHAM #22-3** LOCATION (LEGAL) **Sec. 22-31s-32w**
 FIELD POOL FORMATION

COUNTY/PARISH **Seward** STATE **Ks.** API. NO.

NAME **Texaco** ADDRESS **ORIGINAL**

ZIP CODE

SPECIAL INSTRUCTIONS

RIG NAME Allan Drilling #5		WELL DATA	
BIT SIZE 2 7/8	CSG/Liner Size 5 1/2	BOTTOM	TOP
TOTAL DEPTH 2794	WEIGHT 15.3		
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 2794		
MUD TYPE	GRADE 155		
<input type="checkbox"/> BHST	THREAD 8ed		
<input type="checkbox"/> BHCT	LESS FOOTAGE SHOE JOINT(S) 47		
MUD DENSITY	Disp. Capacity 65.2		TOTAL
MUD VISC.			

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE Orifice Fill collar	DEPTH 2757	Stage Tool	TYPE	DEPTH
	TYPE cmf nose	DEPTH 2794		TYPE	DEPTH

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	LIFT PRESSURE 1824 PSI	CASING WEIGHT ÷ SURFACE AREA (3.14 × R ²)	TOP <input checked="" type="checkbox"/> NEW <input type="checkbox"/> USED	ANNUAL VOLUME
PRESSURE LIMIT 1562 PSI	BUMP PLUG TO 1562 PSI	ROTATE RPM	RECIPROCATATE FT	No. of Centralizers 15
Head & Plugs <input type="checkbox"/> TBG <input type="checkbox"/> D.P.	<input type="checkbox"/> Double <input type="checkbox"/> Single <input type="checkbox"/> Swage <input type="checkbox"/> Knockoff	SIZE WEIGHT GRADE THREAD	TAIL PIPE: SIZE DEPTH	TUBING VOLUME Bbls
SQUEEZE JOB		TOOL TYPE DEPTH	CASING VOL. BELOW TOOL Bbls	
TOTAL		TOTAL		Bbls

JOB SCHEDULED FOR TIME **0900** DATE **2-22** ARRIVE ON LOCATION TIME **0900** DATE **2-22** LEFT LOCATION TIME **1700** DATE **2-22**

TIME	PRESSURE		VOLUME PUMPED BBL		JOB SCHEDULED FOR			SERVICE LOG DETAIL	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE
0001 to 2400									
1455	2000							PRE-JOB SAFETY MEETING + PSI test lines	
1457	0		20		5.7	cmf	14.5	start cmf 100	
1459	270		10		5.7	cmf	14.5	psi check	
1500	270		96		5.7	cmf	14.5	start cmf slurry	
1511	250		63		5.7	cmf	14.5	psi check	
1515	210		85		5.7	cmf	14.5	" "	
1517	0							shut down wash pump lines drop top plug	
1522	0		65.2		5.7	H2O		start displacement	
1526	100		20		5.7	H2O		psi check	
1527	310		30		5.7			" "	
1529	530		40		5.7			" "	
1531	800		50		5.7			" "	
1532	910		58		2			lower rate	
1533	770		61		2			psi check	
1535	870		64		2			" "	
1537	1562		65.2		2			bump top plug	
1538								bleed psi at check float holding	

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	350	1.54	RFC	12-0 + 2% 046	95.9	14.5
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE	VOLUME	DENSITY	PRESSURE	MAX.	MIN.
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Bbls.
BREAKDOWN	PSI	FINAL	PSI	DISPLACEMENT VOL.	65.2 Bbls
Washed Thru Perfs	<input type="checkbox"/> YES <input type="checkbox"/> NO	TO	FT.	MEASURED DISPLACEMENT	<input type="checkbox"/> WIRELINE
PERFORATIONS	TO	TO	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
			Roger Pearson		James Esquivel

Schlumberger

SERVICE ORDER

ORIGINAL

DS-836-B

Dowell

PERSON TAKING CALL

DATE/TIME

DS LOCATION

TREATMENT NUMBER

Cole

Ulysses KS

0312-2988

CUSTOMER

TEXACO EOP

ORDERED BY

Roger Pearson

TELEPHONE

MOBILE

TYPE JOB

L/S

JOB DATE

2-22-97

TIME ON LOC

PUMP

CUSTOMER REP ON LOCATION

Roger Pearson - Consultant

TELEPHONE

316-621-1158

MOBILE

WELL NAME & NUMBER

BURNHAM #22-3

REWORK

(NEW)

LOCATION

POOL/FIELD

HUGOTON

COUNTY/PARISH

SEWARD

CONTRACTOR ON SITE

Allen Drilling #5

DS SALES REPRESENTATIVE

Cole

CUSTOMER ORDER NUMBER

VERBAL

STATE

KANSAS

TUBING/OP

SIZE 5 1/2

DEPTH MD / TVD

2-800' ±

WT

15.5

THREAD

8 RD

TREATMENT VIA

CSG

ANK

TYPE

PACKER/RETAINER DEPTH

CASING

LINE

OPEN HOLE

7 7/8

8 1/2 100

8 1/2

SERVICE INSTRUCTIONS:

1- 5 1/2 Cement nose guide shoe

1- 5 1/2 OFFICE fill collar

15- 5 1/2 Centralizers

1- 5 1/2 STOP rings

1- Threadlock kit

Caliper = 413 FT ± @ 2800-1725'

Complete Texas Supplemental info

Sheet if you can get info on location.

Set 40 SA plug @ 3100'. Cement @ 2800'.

Procedure Attached - modified for Plug back.

PERFORATED INTERVALS

TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES

FORMATION:

CHASE

REQUIRED RATE/PRESS.

5-6 GPM

HYDRAULIC HORSEPOWER ORDERED:

DC8

MAX PSI ALLOWABLE:

1000

DIAMETER OF PERFORATIONS -

WELLHEAD COMP:

4 1/2 XH Drill pin, 5 1/2 Head, Surge, Manifold

SPECIAL INSTRUCTIONS/EQUIPMENT:

PRESS MUD SCALE

Centralizers 1 per joint for 1st 10 then every

Other joint fill gone.

Charge Plug back & Cement charges.

SYSTEM DESCRIPTION:

System 1

40 SK H NEAT FDI plug back

System 2

20 BBL CW100

System 3

350 SK 12-0 RFC + 0.27.046

System 4

Additional Materials:

Directions:

UKS - 14 EAST TO HWY # 190 - South to SATANTA - ON EAST side OF SATANTA, TAKE #190 SOUTH * EAST TO HWY # 83 -

3 miles EAST ON BLACKTOP - 2 1/4 miles SOUTH - West into location.

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