

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

ORIGINAL

APPL. NO. 15- 185-22 797-0000

County Stafford

35'E-NW - SE-NE Sec. 16 Twp. 22 Rge. 12 X <sup>E</sup> <sub>W</sub>

Operator: License # 5614

Name: Hutchinson Oil Co.

Address 105 S. Broadway, Suite #470

Wichita, Kansas 67202

City/State/Zip \_\_\_\_\_

Purchaser: Texaco Trading & Transportation

Operator Contact Person: Steve Hutchinson

Phone (316) 262 1525

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Randall M. Lilak

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. \_\_\_\_\_

8/31/91 9/07/91 9/19/91  
Spud Date Date Reached TD Completion Date

1650 Feet from S (circle one) Line of Section

955 Feet from E (circle one) Line of Section

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

Lease Name Willinger Well # 1-16

Field Name MAX

Producing Formation Lansing Kansas City

Elevation: Ground 1861 KB 1866

Total Depth 3765 PBTB 3640

Amount of Surface Pipe Set and Cemented at 672 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 cnt.

Drilling Fluid Management Plan API  
(Data must be collected from the Reserve Pit)

Chloride content 28,000 ppm Fluid volume 200 bbls

Dewatering method used pulled free fluids

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Bob's Oil Service

Lease Name Teichmann SWDW License No. 30610

SW/4 Quarter Sec. 16 Twp. 22 S Rng. 12 (E) <sub>W</sub>

County Stafford Docket No. 23,722

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 Owner Date 1/13/92

Subscribed and sworn to before me this 13<sup>th</sup> day of January, 19 92.

Notary Public [Signature]

Date Commission Expires 9-15-93



1-14-92  
K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached  
KANSAS COUNTY Stafford Wireline Log Received  
Geologist Report Received  
JAN 14 1992  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
CONSERVATION DIVISION  
WICHITA, KS  
(Specify)

Operator Name Hutchinson Oil Co.

Lease Name Willinger

Well # 1-16

Sec. 16 Twp. 22 Rge. 12

East

County Stafford

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.)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhy	650 + 1216	673 + 1193
Heebner	3146 - 1280	
Brown Lime	3279 - 1413	
Lansing	3298 - 1432	
B/KC	3532 - 1666	
Simp. Sh.	3607 - 1741	
Arbuckle	3669 - 1803	
LTD	3762 - 1894	

List All E.Logs Run:

HLS - DIGL CDL/DSN CAL  
(see attached for DST's)

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"	8-5/8ths	23#new	672'	40/60poz	340	2%gel 3%cc
production	7 & 7/8"	5 1/2"	14#used	3764'	40/60poz	125	10%salt 6% halad 322

ADDITIONAL CEMENTING/SQUEEZE RECORD

5#gilsonit per sk

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2 spf	3714-18' & 3685-89'	none set CIBP @ 3640'	3640'
2 spf	3490-95'	750 gals 15% NE	
2 spf	3472-75' & 3463-67'	250 gals 15% NE	
2 spf	3450-53'	700 gals 15% NE	
2 spf	3430-36'	750 gals 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8ths	3615'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
9/20/91	<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
	10	NA	2		31.7°

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

# ORIGINAL

## #1-16 WILLINGER DST's

- DST #1 3284-3341' 20-20-15-15 w/b died in 15 min. Recv'd 50' drilling mud N/S ISIP 86# FSIP 86# IFP 86-86# FFP 86-86# IHP 1674# FHP 1653# BHT 101°
- DST #2 3338-86' 30-45-45-45 GTS in 5 min. Gauged 47.7 MCF 1st opening, gauged 25.1 MCF 2nd opening Recv'd 70' gas cut mud no oil, 60' gas & wtr mud no oil & 1070' water. Chlorides 74,000 PPM ISIP 463# FSIP 484# IFP 322# FFP 322# IHP 1685# FHP 1656# BHT 106°
- DST #3 3422-60' 45-45-60-60 GTS in 7 min. gauged 59,200 MCF 1st opening, gauged 47,700 MCF 2nd opening. Recv'd 110' gas cut mud 10% gas 90% mud ISIP 857# FSIP 857# IFP 53-53# FFP 86-86# IHP 1760# FHP 1760# BHT 106°
- DST #4 3458-3536' 45-45-60-60 GTS in 7 min. Gauged 68,800 MCF 1st opening gauged 33,900 MCF 2nd opening. Recv'd 120' gas & oil cut mud and 2380' free gassy oil gravity 30° ISIP 910# FSIP 857# IFP 161-161# FFP 322-376# IHP 1760# FHP 1706# BHT 108°
- DST #5 3606-71' 15-15-15-15 w/b died in 13 min. Recv'd 20' mud ISIP 53# FSIP 53# IFP 53-53# FFP 53-53# IHP 1813# FHP 1813# BHT 107°
- DST #6 3668-79' 30-45-60-60 S/B both openings Recv'd 180 GIP 240' O&GCM 15% gas, 10% oil, 5% wtr & 70% mud, 120' O&GCWM 15% gas 10% oil 20% wtr, & 55% mud & 1440' wtr. Chlorides 38,000PPM ISIP 1196# FSIP 1196# IFP 161-438# FFP 516-804# IHP 1920# FHP 1867# BHT 118°

RECEIVED

KANSAS CORPORATION COMMISSION

JAN 14 1992

CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL



P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
185553	08/31/1991

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
WILLINGER 1-16	STAFFORD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
GREAT BEND	ALLEN DRILLING #3	CEMENT SURFACE CASING	08/31/1991		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
417150	MIKE KERN			COMPANY TRUCK	21621

HUTCHINSON'S OIL CO  
105 S BROADWAY STE 470  
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	PRICING AREA - MID CONTINENT				
000-117	MILEAGE	28	MI	2.60	72.80
		1	UNT		
001-016	CEMENTING CASING	672	FT	680.00	680.00
		1	UNT		
030-503	WOODEN PLUG	8 5/8	IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	204	SK	5.35	1,091.40 *
506-105	POZMIX A	136	SK	3.29	447.44 *
506-121	HALLIBURTON-GEL 2%	6	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	9	SK	26.25	236.25 *
500-207	BULK SERVICE CHARGE	358	CFT	1.15	411.70 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	305.45	TMI	.80	244.36 *
	INVOICE SUBTOTAL				3,273.95
	DISCOUNT-(BID)				703.87-
	INVOICE BID AMOUNT				2,570.08
	*-KANSAS STATE SALES TAX				81.11
	*-BARTON COUNTY SALES TAX				19.08
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,670.27

RECEIVED  
KANSAS CORPORATION COMMISSION  
DEC 31 1991  
CONSERVATION DIVISION  
WICHITA, KS

*Handwritten:* PAID 9-30-91  
CET 9806

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL



HALLIBURTON SERVICES

REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

INVOICE NO. DATE

185463 09/08/1991

A Halliburton Company

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
WILLINGER 1-16		STAFFORD		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
GREAT BEND		ALLEN DRILLING #3		CEMENT PRODUCTION CASING		09/08/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
417150	RICHARD STALCUP			COMPANY TRUCK	21982	

HUTCHINSON'S OIL CO  
105 S BROADWAY STE 470  
WICHITA, KS 67202

POSTED

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	20	MI	2.60	52.00
		1	UNT		
001-016	CEMENTING CASING	3764	FT	1,240.00	1,240.00
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	50.00	50.00 *
		1	EA		
018-317	SUPER FLUSH	12	SK	87.00	1,044.00
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00 *
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00 *
815.19311					
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00 *
825.205					
320	CEMENT BASKET 5 1/2"	1	EA	90.00	90.00 *
800.8883					
40	CENTRALIZER 5-1/2" MODEL S-4	6	EA	44.00	264.00 *
807.93022					
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	155.00	155.00
504-308	STANDARD CEMENT	75	SK	5.35	401.25 *
506-105	POZMIX A	50	SK	3.29	164.50 *
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C *
509-968	SALT BLENDED	600	LB	.10	60.00
509-968	SALT NOT MIXED	400	LB	.10	40.00
508-292	GILSONITE, SACKED	400	LB	.47	188.00 *
507-210	FLOCELE	31	LB	1.30	40.30 *
507-775	HALAD-322	81	LB	6.15	498.15 *
500-207	BULK SERVICE CHARGE			1.15	171.35 *
500-306	MILEAGE CMTG MAT DEL OR RETURN			.80	99.82 *

RECEIVED

OKLAHOMA CORPORATION COMMISSION

INVOICE SUBTOTAL

DEC 31 1991

4,776.37

125 sks 60/40 poz mix, 12 sks super flush, 81# Halad etc

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL



P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

A Halliburton Company

INVOICE NO. 185463	DATE 09/08/1991
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WELL LEASE NO./PLANT NAME WILLINGER 1-16	WELL/PLANT LOCATION STAFFORD	STATE KS	WELL/PLANT OWNER SAME
SERVICE LOCATION GREAT BEND	CONTRACTOR ALLEN DRILLING #3	JOB PURPOSE CEMENT PRODUCTION CASING	TICKET DATE 09/08/1991
ACCT. NO. 417150	CUSTOMER AGENT RICHARD STALCUP	VENDOR NO.	CUSTOMER P.O. NUMBER
SHIPPED VIA COMPANY TRUCK			FILE NO. 21982

HUTCHINSON'S OIL CO  
105 S BROADWAY STE 470  
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT - (BID)				764.20-
	INVOICE BID AMOUNT				4,012.17
	*-KANSAS STATE SALES TAX				78.00
	*-BARTON COUNTY SALES TAX				18.36
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$4,108.53</b>

RECEIVED  
KANSAS CORPORATION COMMISSION  
DEC 31 1991  
CONSERVATION DIVISION  
WICHITA, KS

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