

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

Operator: License # 5171
Name TXO Production Corp.
Address 155 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

Purchaser D&A

Operator Contact Person Jeffrey S. Childs
Phone 316-269-7662

Contractor: License # 5107
Name H-30 Drilling, Inc.

Wellsite Geologist Bob Layman
Phone 316-685-0874

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OAWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-11-87 5-19-87 5-21-87
Spud Date Date Reached TD Completion Date

5140'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 8-5/8" 748 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from
Cement Company Name
Invoice #

API NO. 15-097-21,236-0000

County Kiowa

C. NW. SE. Sec. 13. Twp. 29S. Rge. 19 East West

1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

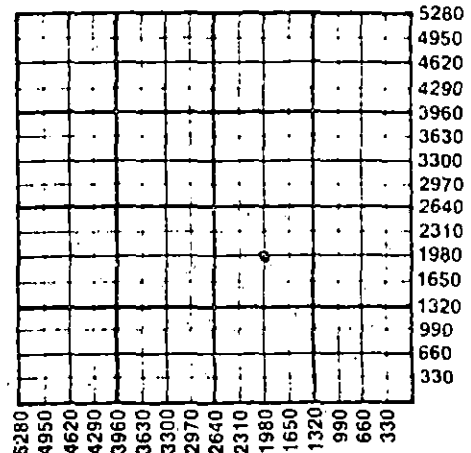
Lease Name Unruh Grey Well # 6

Field Name Nichols

Producing Formation INFORMATION TITE

Elevation: Ground 2336' KB 2341'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # None Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # N/A

Groundwater 330' Ft North from Southeast Corner
(Well) 5050 Ft West from Southeast Corner of
Sec 13 Twp 29S Rge 19 East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

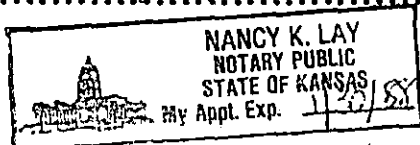
Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Bill Coffey
Title District Geologist Date 7/30/87

Subscribed and sworn to before me this 30th day of July 1987
Notary Public Nancy K. Lay
Date Commission Expires January 30, 1988



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

7-31-97

Sec. 13, Twp. 29S, Rge. 19W

Operator Name TXO Production Corp. Lease Name Unruh Grey Well # 6

Sec. 13 Twp. 29S Rge. 19 East West County Kiowa

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Sand and Shale	0	685'
Lime and Shale	685'	920'
Shale and Shells	920'	1,857'
Shale and Lime	1,857'	2,228'
Lime and Shale	2,228'	5,140'
Rotary Total Depth		5,140'

DST #1, 4616'-73' (Pawnee)
 IFP/30"=44-56 psig.
 ISIP/60"=100 psig.
 FFP/45"=56-56 psig.
 FSIP/90"=111 psig.
 Rec: 20' SG&O specked mud.
 Weak blow both opens.

DST #2, 5038-98' (Mississippian conglomerate):
 IFP/30"=78-89 psig.
 ISIP/60"=344 psig.
 FFP/45"=100-100 psig.
 FSIP/90"=289 psig.
 Rec: 90' GCW w/oil specks only in tool
 60' GIP.
 Strong blow 1st open, fair blow 2nd open.

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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#	748'	Halco Lite Class A	250 75	3% CaCl ₂ 2% gel + 3% CaCl ₂

PERFORATION RECORD
 Shots Per Foot 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 Production N/A
 Producing Method D&A 5/21/87
 Flowing Pumping Gas Lift Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
N/A	N/A bbls	N/A MCF	N/A bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

Dually Completed
 Commingled

D&A
 5/21/87

INFORMATION TITE
Unruh-Grey #6

Log Tops

Heebner	4242	-1901
LKC	4434	-2093
Drumm	4611	-2270
Hertha	4814	-2473
Pawnee	4950	-2609
LKC Sh	4998	-2657
Miss	5094	-2753

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004 1 037



A DIVISION OF HALLIBURTON COMPANY

FORM 1908 RB

WELL NO. - FARM OR LEASE NAME: LEARN - GEEY # 6 COUNTY: Kiowa STATE: Ks. CITY/OFFSHORE LOCATION: _____ DATE: 5-11-87

CHARGE TO: TXO OWNER: Same TICKET TYPE (CHECK ONE) SERVICE SALES NITROGEN JOB YES NO

ADDRESS: _____ CONTRACTOR: _____ LOCATION: 1 Pratt, Ks. CODE: 50355

CITY, STATE, ZIP: _____ SHIPPED VIA: 14-30 FREIGHT CHARGES: PPD COLLECT LOCATION: 2 East Bend, Ks. CODE: 50320

DELIVERED TO: _____ ORDER NO.: Location REFERRAL LOCATION: 3

WELL TYPE: Oil - Oil WELL CATEGORY: 01-Development WELL PERMIT NO.: _____

TYPE AND PURPOSE OF JOB: Rement 8 5/8" Surface?? B-

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATE PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any product, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE	40	miles			2.10	84.00
001-0110		1		Pump Charge	740				375.72	559.80
030-502		1		Top Plug	2	8 5/8"	1		54.00	54.00
40	807.91035	1		Centralizers	2	8 5/8"	2		53.00	106.00
320	800.8888	1		Basket	2	8 5/8"	2		122.00	244.00
597	225.1269	1		BAFFLE PLATE	1	8 5/8"	1		30.50	30.50
					B-741275					1180.20

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-741274 1454.85

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X Allen F Dick CUSTOMER OR HIS AGENT (PLEASE PRINT)

X [Signature] CUSTOMER OR HIS AGENT (SIGNATURE)

Kurt Dittot HALLIBURTON OPERATOR

TAX REFERENCES

SUB TOTAL	3713.35
TAX	
TAX	
TOTAL	

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

CUSTOMER

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HALLIBURTON SERVICES
JOB LOG

WELL NO. 62 LEASE Winkley Creek TICKET NO. 08244
 CUSTOMER TXD PAGE NO. 1
 JOB TYPE 8 3/8" SURFACE 2 P DATE 5-11-87

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL / GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	13.00							Called Out
	14.00							on location
	14.00							Rg Cutting Hole
	15.30							1" Bulk TEL on location
	15.30							Hole Cut
	17.07							2nd TEL on location
	18.15							Start Running 3 7/8" Casing
	19.00							Casing on Bottom
	19.10							Hookup & Start Circulating
	19.30	1				150		Hookup & Start Mixing 150 SKs Lite & 75 SKs of Standard
	19.45	"	45 BBL			0		Cement Mixed, Close Valve, Release Plug
	19.57		13 BBL					& open Top Valve Start D. P.
			45 BBL			200		Plug Down
								Run 80' OF 1" Down Hole
	20.30	3				0		Start Mixing 100 SKs OF Lite
	20.45		23 BBL			150		Cement Mixed, Cement to Surface
								Job Complete
								Thank you, Kurt Dutoit

CUSTOMER

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BULK MATERIALS DELIVERY AND TICKET CONTINUATION

HALLIBURTON SERVICES
Denver, Colorado 80202

FOR INVOICE AND TICKET NO. 82044

A Division of Halliburton Company

DATE 5-11-87	CUSTOMER ORDER NO.	WELL NO. AND FARM Unru Gray	COUNTY Kiowa	STATE Ks.
CHARGE TO T. X. O. Production Company		OWNER T. X. O. Prod. Co.	CONTRACTOR H-30 Drlg.	
MAILING ADDRESS		DELIVERED FROM Great Bend, Ks.	LOCATION CODE 50320	PREPARED BY S. C. Henry
CITY & STATE		DELIVERED TO Location	TRUCK NO. 4604-8206	RECEIVED BY <i>Kuet Dubit</i>

No. **B741275**

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
504-118		2	B	Halliburton Light Cement	150	sk			4.86	729.00
509-406		2	B	Calcium Chloride 3% W/150	4	sk			25.75	103.00
Returned Mileage Charge					TOTAL WEIGHT	LOADED MILES	TON MILES			
SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET			
500-207		2	B	SERVICE CHARGE			CU. FEET 158		.95	150.10
500-306		2	B	Mileage Charge	14,150 TOTAL WEIGHT	40 LOADED MILES	283.00 TON MILES		.70	198.10
No. B 741275		CARRY FORWARD TO INVOICE					SUB-TOTAL			1180.20

THIS IS NOT AN INVOICE

FORM 1911-R6 REV. 8-85

CUSTOMER

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JOB SUMMARY

HALLIBURTON DIVISION Wichita, Kansas
 HALLIBURTON LOCATION Pratt, Kansas

BILLED ON TICKET NO. 208204

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Kansas STATE Ks.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 750'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	24"	3/8"	KB	740'	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <u>8 1/2" 2-3</u>	<u>2</u>	<u>HOBAS</u>
BOTTOM PLUG		
TOP PLUG <u>2 1/2" wooden</u>	<u>1</u>	<u>"</u>
HEAD		
PACKER		
OTHER <u>3 1/2" Misc Containers</u>	<u>1</u>	<u>"</u>
<u>Basket 2 1/2" Baffle Plate</u>	<u>1</u>	<u>"</u>
MATERIALS		
TREAT. FLUID _____ DENSITY _____ LB./GAL. API _____		
DISPL. FLUID _____ DENSITY _____ LB./GAL. API _____		
PROP. TYPE _____ SIZE _____ LB. _____		
PROP. TYPE _____ SIZE _____ LB. _____		
ACID TYPE _____ GAL. _____ % _____		
ACID TYPE _____ GAL. _____ % _____		
ACID TYPE _____ GAL. _____ % _____		
SURFACTANT TYPE _____ GAL. _____ IN _____		
NE AGENT TYPE _____ GAL. _____ IN _____		
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN _____		
GELLING AGENT TYPE _____ GAL.-LB. _____ IN _____		
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN _____		
BREAKER TYPE _____ GAL.-LB. _____ IN _____		
BLOCKING AGENT TYPE _____ GAL.-LB. _____		
PERFFAC BALLS TYPE _____ QTY. _____		
OTHER _____		
OTHER _____		

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>5-11-87</u> TIME <u>13.00</u>	DATE <u>5-11-87</u> TIME <u>14.00</u>	DATE <u>5-11-87</u> TIME <u>1930</u>	DATE <u>5-11-87</u> TIME <u>21.00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Kurt Dutoit</u>	<u>P.W.</u>	<u>Pratt, Ks</u>
<u>Keith BeEast</u>	<u>3473 Pump truck</u>	<u>"</u>
<u>Deane Polzin</u>	<u>Bulk truck</u>	<u>Get. Bend, Ks</u>
<u>Kevin Cuedly</u>	<u>Bulk truck</u>	<u>"</u>

DEPARTMENT Unit

DESCRIPTION OF JOB cement of 8" surface pipe w/ 20 SKs Halliburton to 570 SKs Halliburton

JOB DONE THRU: TUBING CASING ANNULUS TDB./ANN.

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR Kurt Dutoit

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS.	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./BK.	MIXED LBS./GAL.
<u>1</u>	<u>250</u>	<u>Ltc</u>	<u>4</u>	<u>Hawco</u>	<u>3</u>	<u>3 1/2 cc</u>	<u>1.54</u>	<u>13.6*</u>
<u>1</u>	<u>75</u>	<u>Standard</u>	<u>2</u>	<u>"</u>	<u>3</u>	<u>2 1/2 cc w/ 3 1/2 cc</u>	<u>1.36</u>	<u>14.7*</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & SKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPLI BBL.-GAL. 45 BBL

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 36 BBL

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. 131 BBL TOTAL

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 730' REASON _____

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CUSTOMER NO. IXO
 LEASE UNIT - CITY Pratt - City
 WELL NO. A 6
 JOB TYPE SKS SURFACE
 DATE 5-11-87



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-4

A Division of Halliburton Company DUNCAN, OKLAHOMA 73156

ATTACH TO INVOICE & TICKET NO. 252214

DISTRICT Frank, Kansas

DATE 5-11-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: TXO (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. A6 LEASE Unruh-Cree SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY King STATE Ks OWNED BY S.M.C.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, OIL, BPD, H2O, GAS, MCF, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.B.I., PERFORATIONS, SHOTS/FT.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Cement 4 5/8" SURFACE PIPE w/350 lbs of Halliburton 1 hr, 175 lbs Standard w/3000
37 acc

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner...
(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage...
(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass...
(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons...
(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials...
(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well...
(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others...
(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials...
(j) Invoices payable NET by the 20th of the following month after date of invoice...
(k) This contract shall be governed by the law of the state where services are performed...
(l) Halliburton shall not be bound by any changes or modifications in this contract...

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED _____ CUSTOMER

DATE 5-11-87

TIME 11:30 A.M./P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

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JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

WICHITA
PRATT, KS

BILLED ON TICKET NO. 082091

WELL DATA

FIELD _____ SEC. 13 TWP. 29S RANG. 19W COUNTY KEOWA STATE KS

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	CASING		2 1/2"	KEB	748'	
INITIAL PROD: OIL	BPD, WATER	BPD, GAS					
PRESENT PROD: OIL	BPD, WATER	BPD, GAS					
COMPLETION DATE	MUD TYPE	MUD WT.		7 7/8"	748'	5140'	SHOTS/FT.
PACKER TYPE	SET AT	PERFORATIONS					
BOTTOM HOLE TEMP.	PRESSURE	PERFORATIONS					
MISC. DATA	TOTAL DEPTH 5140	PERFORATIONS					

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-20-87	DATE 5-20-87	DATE 5-20-87	DATE 5-20-87
TIME 0030	TIME 0210	TIME 0641	TIME 0930

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D RING 11633	50120	PRATT, KS
D RIGLER 11690	50-PTAIE	PRATT, KS
B Mousie 22623	256-GENS BULL	GT. BEND, KS

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID	DENSITY	LB/GAL-API
DISPL. FLUID	DENSITY	LB/GAL-API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
SURFACTANT TYPE	GAL.	IN
NE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL.-LB.	IN
GELLING AGENT TYPE	GAL.-LB.	IN
FRIC. RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERFPAC BALLS TYPE	QTY.	
OTHER		
OTHER		

DEPARTMENT Cement
DESCRIPTION OF JOB Ring to Abandon

JOB DONE THRU: TUBING CASING ANNULUS YDS./ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	DULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	125	40/100		Hercos Bulk		4% Cel	1.44	13.76

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING	DISPLACEMENT	PRESLURNI DBL.-GAL.	TYPE
BREAKDOWN	MAXIMUM	LOAD & BKDN DBL.-GAL.	PAD DBL.-GAL.
AVERAGE	FRACURE GRADIENT	TREATMENT DBL.-GAL.	DISPLI DBL.-GAL.
SHUT-IN INSTANT	8-MIN.	CEMENT SLURRY DBL.-GAL.	380
	15-MIN.	TOTAL VOLUME DBL.-GAL.	
ORDERED	AVAILABLE	REMARKS	
	USED	SEE JOB LOG	
TREATING	DISPL.	THANKS	
	OVERALL	REAS	
FREE	REASON		

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CUSTOMER TXD Production Log LEAD WORK - GREEN BILL NO. 6 JOB TYPE Ring to Abandon DATE 5-20-87

DISTRICT PLANT, KS

DATE 5-20-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: TXO Production Corp. AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING (CUSTOMER)

WELL NO. # 6 LEASE WIKRUH - CASEY SEC. 13 TWP. 29S RANGE 19W

FIELD _____ COUNTY STONIA STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.B.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD: OIL BPD, H ₂ O BPD, GAS MCF							
PRESENT PROD: OIL BPD, H ₂ O BPD, GAS MCF							
CASING				<u>8 5/8"</u>	<u>KB</u>	<u>748'</u>	
LINER							
TUBING							
OPEN HOLE				<u>7 7/8"</u>	<u>748'</u>	<u>5140'</u>	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

Plug to Annulus with 125 lbs 40% Az / 60% Stannous
Cement Concentrate 4% Cell. Hopperlike 50 lbs @ 1300'
50 lbs @ 750', 10 lbs from 40' to surface of 1035 to Annulus.
Use liner sand for washover.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists
 - (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - (j) 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.
 - (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - (l) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED _____ DATE May 20, 1987 TIME _____ P.M. CUSTOMER

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

RELEASED
AUG 16 1988
FROM CONFIDENTIAL

HALLIBURTON SERVICES
JOB LOG

WELL NO. # 6 LEASE 40124 - 0024 TICKET NO. 082091
 CUSTOMER TXO Production Corp PAGE NO.
 JOB TYPE Plug to Abandon DATE 5-20-87

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0030							Called out - Pump now
	0210							on loc - E.C. Landing Down Drill Pipe - Set up
	0325							Pump Test on loc
	0548							Drill Pipe Landed Down - Run Pump in Hole w/ Slanks to Cont Thru
								1 st Plug - 50 hrs @ 1300'
	0641	4.0	9.0	✓	✓	300		Run Water Ahead
	0644	4.0	12.8	✓	✓	300		Max Cont
	0648	5.0	3.0	✓	✓	250		Run Water Service
	0649	5.0	12.0	✓		300		Run Mud Behind - Lay Down Drill Pipe
								2 nd Plug - 50 hrs @ 750'
	0714	5.0	6	✓	✓	200		Run Water Ahead
	0716	4.0	12.8	✓	✓	225		Max Cont
	0719	4.0	2.0	✓	✓	150		Run Water Service
	0720	4.0	5 1/2	✓		150		Run Mud Behind - Lay Down Drill Pipe - Lay Down Kelly
	0820		2.5	✓	✓			Plug From 40' to Surface - 10 hrs
	0825		2.5	✓	✓			Plug Entire - 10 hrs - Leave 5 hrs for waterwell
	0830							Well Plugged
	0900							Job Complete - Pump Test Released

THANKS
FANG

JUL 21 1987

CUSTOMER

RELEASED
AUG 16 1989
FROM CONFIDENTIAL