

ORIGINAL  
SIDE ONE

CONFIDENTIAL

KCC

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

API NO. 15- 033-20,814-00-00 MAY 06

County Comanche

App. S/2 SW Sec. 17 Twp. 31S Rge. 20 X West

645 Ft. North from Southeast Corner of Section

3780 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

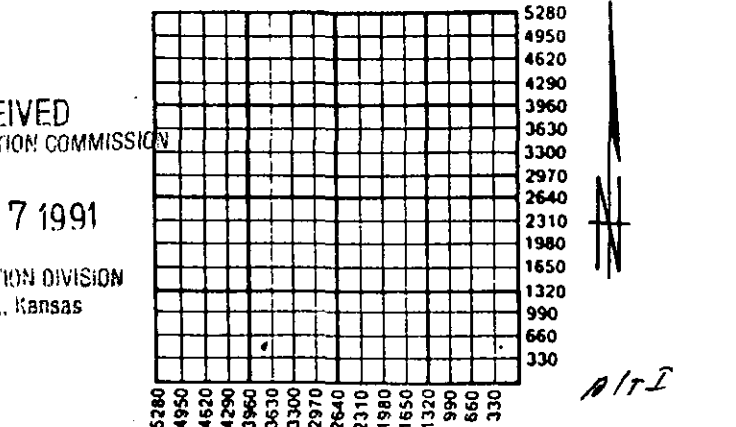
Lease Name Huck Well # 1-17

Field Name Unnamed

Producing Formation Arbuckle

Elevation: Ground 2171 KB 2184

Total Depth 6400 PBDT 6080



Amount of Surface Pipe Set and Cemented at 611 Feet

Multiple Stage Cementing Collar Used? X Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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Operator: License # 30444

Name: Charter Production Company

Address 224 E. Douglas - Suite 400

City/State/Zip Wichita KS 67202

Purchaser: Koch

Operator Contact Person: Robert C. Spurlock

Phone (316) 264-2808

Contractor: Name: Eagle Drilling, Inc.

License: 5380

Wellsite Geologist: Lou Bird

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abandoned

Gas  Inj  Delayed Completion

Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth 1003

Drilling Method:

Mud Rotary  Air Rotary  Cable

03/09/91 03/22/91 04/18/91

Spud Date Date Reached TD Completion Date

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

CHARTER PRODUCTION COMPANY

Signature Robert C. Spurlock

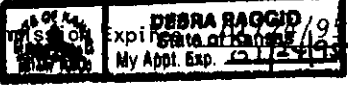
Title President Date 05/06/91

Subscribed and sworn to before me this 6th day of May

19 91.

Notary Public Debra Raggid

Date Commission Expires 01/21/93



**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)

20000000

SIDE TWO

Operator Name Charter Production Company Lease Name Huck Well # 1-17

Sec. 17 Twp. 31S Rge. 20  East  West County Comanche

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.)

Formation Description  
 Log  Sample  
 Name Top Bottom

SEE ATTACHED SHEET. PLEASE KEEP ALL INFORMATION CONFIDENTIAL.

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#	611	lite	275	3% cc
Production	7 7/8	5 1/2	15 1/2#	6399	class "A"	100	3% cc, 2% gel
					pozmix	250	10% salt, 3/4% haled, 322 10# sxs gilsonite

PERFORATION RECORD  Acid Fracture  Shot, Cement Squeeze Record

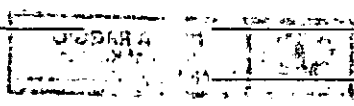
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	6100-20	2000 gals 15% FE & 100 ball sealers	6100-20
2	5932-82	5000 gals 15% FE & 125 ball sealers; 70,000 gals 95° FHT My-T-Gel LT & 125,000# 20/40 sand	5932-82

TUBING RECORD Size 2 3/8 Set At 5900 Packer At No Liner Run  Yes  No

Date of First Production 04/19/91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	51		68		

Disposition of Gas: too small to measure METHOD OF COMPLETION Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perforation  Dually Completed  Commingled  
 (If vented, submit ACO-18.)  Other (Specify)



ORIGINAL

RELEASED

KCC

CHARTER PRODUCTION COMPANY  
HUCK #1-17  
COMANCHE COUNTY, KANSAS  
ATTACHED TO ACO-1

JUN 1 8 1993

MAY 0 6

FROM CONFIDENTIAL

**CONFIDENTIAL**

DST #1 from 5145'-94' (Inola 5188-91 drilled 2" per foot); 30-30-30-30. IHP 2544; IFP 50-50; ISIP 60; FFP 50-50; FSIP 50; FHP 2493. BHT 107°. Rec. 10' drlg mud. Blow weak on first opening; no blow on second opening. 172 units total gas over 78 units background gas.

DST #2 from 6254'-67'; 30-30-30-30. IHP 3078; IFP 20-20; ISIP 2024; FFP 30-30; FSIP 1933; FHSP 3026; BHT 125°. Rec. 10' drlg mud. Blow very weak during first opening; no blow on second opening.

DST #3 from 5940'-6040'; 30-60-90-90. Strong blow immediately on first opening, off bottom of bucket in 3"; strong blow with gas to surface in 7" on second opening. Recovered 180' heavy oil & gas cut mud, 260' very heavy oil and gas cut mud; and 120' free gassy oil; no water. IHP 3057; IFP 90-159; ISIP 2075; FFP 100-219; FSIP 1953; FHSP 3057.

FORMATION

TOPS

Heebner 4305' (-2121)  
Toronto 4318' (-2134)  
Brown Lime 4482' (-2298)  
Lansing 4489' (-2305)  
Stark Shale 4842' (-2658)  
Marmaton 4987' (-2803)  
Cherokee 5102' (-2918)  
Miss/St. Louis 5195' (-3011)  
Spurgeon 5244' (-3060)  
Warsaw 5491' (-3307)  
Cowley 5636' (-3452)  
Kinderhook Lime 5919' (-3735)  
Viola 5934' (-3750)  
Simpson Dolo 6157' (-3973)  
Simpson Shale 6164' (-3980)  
Simpson Sand 6253' (-4069)  
Arbuckle 6274' (-4090)  
TD 6400'

RECEIVED  
STATE CORPORATION COMMISSION

MAY 0 7 1991

CONSERVATION DIVISION  
Wichita, Kansas



INVOICE

A Halliburton Company

KCC

MAY 06

INVOICE NO.	DATE
097469	03/22/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		WELL/PLANT OWNER	
HUCK 1-17		COMANCHE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		EACLE DRILLING	CEMENT PRODUCTION CASING		03/22/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
155799	ROBERT MOOREHEAD			COMPANY TRUCK	12507

RELEASED

CHARTER PRODUCTION  
224 E. DOUGLAS, SUITE 400  
WICHITA, KS 67202

MAY 8 1993  
FROM CONFIDENTIAL

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
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	60	MI	2.35	141.00
		1	UNT		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	60	MI	.40	24.00
		1	UNT		
001-016	CEMENTING CASING	6406	FT	1,475.00	1,475.00
		1	UNT		
018-317	SUPER FLUSH	10	SK	74.00	740.00
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	50.00	50.00
		1	EA		
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	105.00	105.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" 8RD	1	EA	83.00	83.00
815.1925					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.1931					
40	CENTRALIZER 5-1/2" MODEL S-4	8	EA	44.00	352.00
807.93022					
504-308	STANDARD CEMENT	125	SK	5.35	668.75
506-105	POZMIX A	125	SK	2.79	348.75
506-121	HALLIBURTON-GEL 2X	4	SK	.00	N/C
509-968	SALT	1250	LB	.10	125.00
508-292	GILSONITE, SACKED	2500	LB	.47	1,175.00
507-775	HALAD-322	158	LB	5.95	940.10
500-307	MILEAGE SURCHARGE-CEMENT MAT.	759.84	TMI	.10	75.98
500-207	BULK SERVICE CHARGE	318	CFT	1.10	349.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	759.84	TMI	.75	569.88
INVOICE SUBTOTAL					7,253.26
DISCOUNT-(BID)					1,087.97-
INVOICE BID AMOUNT					6,165.29

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MAY 07 1991

CONSERVATION DIVISION  
Wichita, Kansas

\*\*\*\*\* 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



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
097469	03/22/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
HUCK 1-17		COMANCHE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		EAGLE DRILLING	CEMENT PRODUCTION CASING		03/22/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
155799	ROBERT MOOREHEAD			COMPANY TRUCK	12507

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CHARTER PRODUCTION  
224 E. DOUGLAS, SUITE 400  
WICHITA, KS 67202

JUN 8 1993

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

FROM CONFIDENTIAL

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				168.80
	*-PRATT COUNTY SALES TAX				39.71
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$6,373.80

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MAY 07 1991  
CONSERVATION DIVISION  
Wichita, Kansas

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