

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 # 3734
Name: Hazelwood Production & Exploration Company
Address 6801 N. Broadway, Suite 320
city/State/Zip Oklahoma City, OK 73116
Purchaser: None
Operator Contact Persons: Jim Hazelwood, Jr.
Phone (405) 848-6884

Contractor: Name: Glacier Services, Inc.
License: 5825

Wellsite Geologist: _____

Designate Type of Completion

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

If OLD: old well info as follows:

Operator: _____

Well Name: _____

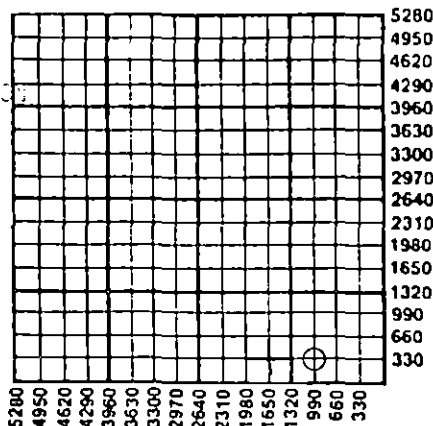
Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

11-26-90 12-11-90 12-13-90
Spud Date Date Reached TD Completion Date

API NO. 15- 191-22,182 ✓ -00-00
County Sumner ✓
SW SE SE Sec. 7 Twp. 34S Rge. 2 ☒ East West
330' ✓ Ft. North from Southeast Corner of Section
990' ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Stewart ✓ Well # 7-1
Field Name _____
Producing Formation _____
Elevation: Ground 1115' KB 1121'
Total Depth 4595' PBTD _____



AITI DFN

Amount of Surface Pipe Set and Cemented at 314' 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.

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.

Signature James R. Hazelwood, Jr.
Title Operations Manager Date 02-13-91

Subscribed and sworn to before me this 13th day of February, 1991.

Notary Public Cheryl A. Deedo
Date Commission Expires August 22, 1992

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 Hazelwood Production & Exploration Company Lease Name Stewart Well # 7-1
 Sec. 7 Twp. 34S Rge. 2 ☐ East ☒ West
 County Sumner

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
Topeka	2276	
Iatan	2995	3000
Stalnaker	3044	3154
Marmaton	3752	3898
Cherokee	3898	4120
Mississippi	4120	4482
Kinderhook	4482	4518
Simpson	4518	TD

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 Casing	12-1/4	8-5/8	24	314'	Class H	220	2% CaCl & 1/4#/sk floccule

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

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours

Oil

Bbls.

Gas

Mcf

Water

Bbls.

Gas-Oil Ratio

Gravity

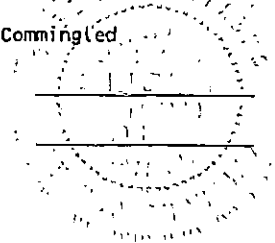
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____



INVOICE

HALLIBURTON SERVICES

200

A Halliburton Company

ORIGINAL

INVOICE NO.

DATE

054612

12/13/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
STEWART 7-1 106950		SUMNER		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
WINFIELD		PLUG TO ABANDON		12/13/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
375210	HAROLD PLATT			COMPANY TRUCK	07019

RECEIVED
STATE CORPORATIC COMMISSION

DIRECT CORRESPONDENCE TO:

HAZELWOOD PRODUCTION
& EXPLORATION CO.
SUITE 320, 5801 N. BDWY
OKLAHOMA CITY, OK 73116

FEB 14 1991
CONSTRUCTION
WICHITA, KANSAS

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	45	MI	2.35	105.75
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	3	HR	84.00	252.00
		1	TRK		
000-118	MILEAGE SURCHARGE-CEMENT-LAND	45	MI	.40	18.00
		1	UNT		
504-043	PREMIUM CEMENT	110	SK	5.75	632.50
500-307	MILEAGE SURCHARGE-CEMENT MAT.	232.65	TMI	.10	23.27
500-207	BULK SERVICE CHARGE	110	CFT	1.10	121.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	232.65	TMI	.75	174.49
INVOICE SUBTOTAL					1,697.01
DISCOUNT-(BID)					254.54
INVOICE BID AMOUNT					1,442.47
*-KANSAS STATE SALES TAX					60.46
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,502.03

Rec'd 12-21-90 120
Approved *Harold Platt*
C. *X*
Filed 1-11-91
Index 6523 1-14-91

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.

DRILLERS LOG

API No. 15 - 191 - 22,182
County Number

ORIGINAL

Operator Hazelwood Production & Exploration Co.
Address 6801 N. Bdwy, Suite 320, Oklahoma City, OK 73116
Well No. #7-1 Lease Name STEWART
Footage Location
Principal Contractor Glacier Ser. #1 Geologist
Spud Date 11-26-90 Total Depth P.B.T.D.
Date Completed Oil Purchaser

S. 7 T. 34 R. 2W E
Loc. SW SE SE
County Sumner
640 Acres
N
Locate well correctly
Elev.: Gr. 1115
DF 1120 KB 1121

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	12 1/4	8 5/8	# 24	314'	Premium	220 sx	2%CC #1/4 FC
PRODUCTION							

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top Soil	0	5'	Shale	1919	2102	Shale	4390	4560
Shale & Sand	5	338	Lime	2102	2103	SD	4560	4588
Lime & Shale	338		Sand	2133	2145	Shale /Lime	4588	4595
strks		359	Lime	2145	2182			
Shale	359	544	Shale	2182	2273			
Lime	544	506	Lime	2273	2313			
Shale	506	521	Shale	2313	2324			
Lime	521	543	Lime	2324	2415			
Shale	543	562	Shale/Lime	2415	2449			
Lime with	562		Sand	2449	2470			
Shale Breaks		994	Lime	2470	2613			
Shale	994	1034	Shale with lime	2613				
Shale w/ lime	1034		Breaks		3071			
Breaks		1130	Sand	3071	3141			
Sand	1130	1136	Shale w/ Lime	3141				
Lime Shale	1136	1333	breaks		3463			
Lime	1333	1382	Sand	3463	3481			
Shale with	1382		Lime W/ Shale	3481				
Lime Breaks		1518	breaks		3605			
Lime with	1518		K.C. Lime	3605	3696			
shale breaks		1612	Shale/ Lime	3696	3749			
Shale with	1612		Lime	3749	4120			
lime breaks		1882	Miss Chat	4120	4136			
Lime	1882	1919	Miss Lime	4136	4390			