

ORIGINAL

CONFIDENTIAL

RELEASED

SIDE ONE

OCT 09 1991

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

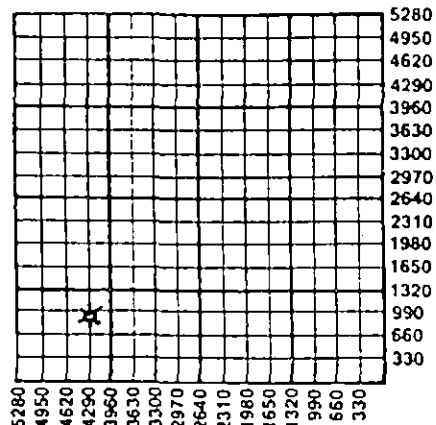
Operator: License # 5003
Name: McCoy Petroleum Corporation
Address 110 S. Main, Suite 500
city/State/zip Wichita, Kansas 67202
Purchaser: Northern Natural Gas Company
Operator Contact Person: Roger McCoy
Phone (316) 265-9697
Contractor: Name: Allen Drilling Company
License: 5418
Wellsite Geologist: Bob O'Dell

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

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

Drilling Method:
 Mud Rotary Air Rotary Cable
6-12-90 6-22-90 7-31-90
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21,045-5000
County Clark FROM CONFIDENTIAL
100' South of East
NE SW SW Sec. 18 Twp. 34 Rge. 21 West
890 Ft. North from Southeast Corner of Section
4290 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Sanderson-Harper ^{"B"} Well # 1-18
Field Name Snake Creek
Producing Formation Morrow Sand
Elevation: Ground 1799 KB 1804
Total Depth 5575 PBDT 5522



Amount of Surface Pipe Set and Cemented at 816 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 Roger McCoy
Title President Date _____
Subscribed and sworn to before me this 30th day of August
19 90.
Notary Public Dorothy Ann Paulus

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 McCoy Petroleum Corporation Lease Name Sanderson-Harper "B" Well # 1-18
 Sec. 18 Twp. 34 Rge. 21 East County Clark
 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.)

See Attached Page

Formation Description
 Log Sample
 Name Top Bottom

See Attached Page

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
Conductor	17-1/2"	13-3/8"		91'			
Surface	12-1/4"	8-5/8"	23#	816'	60/40 Poz	150	3%cc, 2% get
					Hal Lite	300	
Production	7-7/8"	4-1/2"	10.5#	5572'	Thix-Set	150	
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	5372 - 5379'			500 gal. 7-1/2% FE Acid		Same	
				17,000 gal. MY-T-GEL LT			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size		Set At		Packer At			
2-3/8" EUE		4357'					
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Waiting on Connection							
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity
			3,980				

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
 5372-5379'

CONFIDENTIAL

OCT 09 1961



Natural Gas • Crude Oil
Exploration & Production

McCOY PETROLEUM CORPORATION

110 South Main, Suite 500
Wichita, Kansas 67202

316-265-9697

FROM: CONFIDENTIAL

John Roger McCoy
President

Kevin McCoy
Vice-President

Harvey H. McCoy
Vice-President

McCoy Petroleum Corporation
#1-18 Sanderson-Harper "B"
100' South of NE SW SW
Section 18-34S-21W
Clark County, Kansas

ACO-1 cont.

ELECTRIC LOG TOPS

Heebner	4217	(-2413)
Lansing	4425	(-2621)
Stark Shale	4909	(-3105)
Marmaton	5036	(-3212)
Cherokee	5193	(-3389)
Morrow Shale	5330	(-3526)
Morrow Sand	5370	(-3566)
Chester	5385	(-3581)
LTD	5576	(-3772)

DBT #1 5355-5385' (Morrow Sand)

Open 30", S.I. 60", Open 60", S.I. 90".

Strong blow. Gas to the surface in 14 minutes.

Gauge	100,000	CFGPD	in 15"	on 1st open,
	132,000	CFGPD	in 20"	
	155,000	CFGPD	in 25"	
	170,000	CFGPD	in 30"	

Gauge	202,000	CFGPD	in 10"	on 2nd open,
	250,000	CFGPD	in 20"	
	279,000	CFGPD	in 30"	
	297,000	CFGPD	in 40"	
	309,000	CFGPD	in 50"	
	314,000	CFGPD	in 60"	

Recovered 90' of gassy mud.

FP 45-112# 89-156#
ISIP 981# FSIP 981#

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

CONFIDENTIAL

A Halliburton Company

INVOICENO.	DATE
904049	06/13/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SANDERSON B 1-18		CLARK		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		ALLEN DR LG #5	CEMENT SURFACE CASING		06/13/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
554550	VINCENT SCHREPEL			COMPANY TRUCK	96583

MCCOY PETROLEUM CO
110 S. MAIN, SUITE 500
WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	60	MI		
001-016	CEMENTING CASING	816	FT		
030-016	CEMENTING PLUG SW ALUM TOP	8 5/8	IN		
320	CEMENT BASKET 8 5/8"	1	EA		
800.8888					
504-316	HALLIBURTON LIGHT W/STANDARD	300	SR		
504-308	STANDARD CEMENT	90	SK		
506-105	POZMIX A	60	SK		
506-121	HALLIBURTON-GEL 2%	3	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	9	SK		
507-210	FLOCELE	75	LB		
500-207	BULK SERVICE CHARGE	473	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	1248.57	TMI		
INVOICE SUBTOTAL					
DISCOUNT-(BID)					
INVOICE BID AMOUNT					
*-KANSAS STATE SALES TAX					
*-PRATT COUNTY SALES TAX					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					

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810-11001 (4382.51)
11360-511900 4382.51

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.



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICENO.	DATE
938536	06/12/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
SANDERSON B1-18		CLARK		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	ALLEN DRLG #5	CEMENT CONDUCTOR CASING		06/12/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
554550	VINCENT SCHREPEL			COMPANY TRUCK	96506

MCCOY PETROLEUM CO
 110 S. MAIN, SUITE 500
 WICHITA, KS 67202

DIRECT CORRESPONDENCE TO:
 SUITE 600
 COLORADO DERBY BUILDING
 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	60	MI		
001-016	CEMENTING CASING	93	FT		
504-308	STANDARD CEMENT	1	UNT		
509-406	ANHYDROUS CALCIUM CHLORIDE	110	SK		
507-210	FLOCELE	2	SK		
500-207	BULK SERVICE CHARGE	28	LB		
500-306	MILEAGE CMTG MAT DEL OR RETURN	116	CFT		
		315.84	TMI		
	INVOICE SUBTOTAL				
	DISCOUNT-(BID)				
	INVOICE BID AMOUNT				
	*-KANSAS STATE SALES TAX				
	*-PRATT COUNTY SALES TAX				
	1810-110001 - (1275.65)				
	11200 - 211700 1275.65				
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				

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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.