

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

Operator: License # 32119

Name: Northern Natural Gas

Address P.O. Box 178

City/State/Zip Cunningham, KS 67035

Purchaser: N/A

Operator Contact Person: Dan Dobbins

Phone (316) 298-5111

Contractor: Name: Pratt Well Service

License: 5893

Wellsite Geologist: None

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: Gas Storage

Operator: Northern Natural Gas

Well Name: Sitton 26-41

Comp. Date 4-26-79 Old Total Depth 4370'

XXX CEMENTED LINER IN PLACE
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9-25-97 9-28-97 10-9-97
Date OF START Date Reached TD Completion Date OF WORKOVER

API NO. 15- 151-20629 0001

County Pratt

NW - NW - NW - SW Sec. 26 Twp. 27S Rge. 11 X E W

2550 Feet from S (circle one) Line of Section

150 Feet from E (circle one) Line of Section

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

Lease Name Sitton Well # 26-41

Field Name Cunningham

Producing Formation Simpson/Viola

Elevation: Ground 1731 KB 1744

Total Depth 4475 PBDT 4462

Amount of Surface Pipe Set and Cemented at 1511 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from Surface

feet depth to 1511 w/ 650 sx cmt.

Drilling Fluid Management Plan REWORK 07 2-16-98
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 220 bbls

Dewatering method used N/A

Location of fluid disposal if hauled offsite:

Operator Name Geary Mud Disposal

Lease Name Gray License No. 284168

Quarter 15 Sec. 15 Twp. 14N ~~X~~ Rng. 7 ~~W~~ ~~SW~~

County Garfield Docket No. 284168

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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.

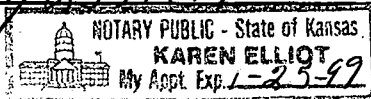
Signature Dan Dobbins

Title Sr. Reservoir Analyst Date 12-16-97

Subscribed and sworn to before me this 16th day of December, 19 97.

Notary Public Karen Elliot

Date Commission Expires January 25, 1999



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS (Log) Other
(Specify)
RECEIVED
KANSAS CORP COM
ACO-1 (7-91)

Operator Name Northern Natural Gas Lease Name Sitton Well # 26-41

Sec. 26 Twp. 27S Rge. 11 East West
 County Pratt

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
 Viola 4309 -2565
 Simpson 4422 -2678

List All E.Logs Run:
 Cement Bond Log
 Dual Induction Laterolog
 Compensated Density Dual Spaced Neutron Log

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
Conductor	20"	13 3/8"	48	118	Common	130	-----
Surface	12 1/4"	8 5/8"	24	1511	Reg Poz	650	5# Gil 18% Salt
Production	7 7/8"	5 1/2"	15 1/2	4367	Reg Poz	875	1/4# Flocele 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Set Line	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	4344-4475	Standard	25	5# Gil, 18% Salt, 1/4# Flocele, Calseal

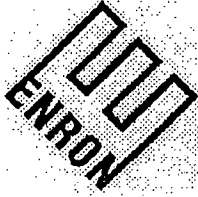
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4312-4332		
4	4422-4453		

TUBING RECORD Size 2 1/16" Set At 4283 & 4385 Packer At 4280 & 4384 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)
 Storage Well - Observation _____

Estimated Production Per 24 Hours N/A Oil Bbls. _____ Gas Mcf _____ Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled _____ Other (Specify) _____ Production Interval _____



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1997 DEC 19 P 1:35

December 17, 1997

Kansas Corporation Commission
130 South Market #2078
Wichita, KS 67202-3802

RE: Form AC0-1

Please find enclosed the completion reports for the Cannon 20-24, Conley 20-41, Sitton 26-41, and Fitzsimmons 35-11 in our storage field. The cementing tickets and electrical logs are also included. There will not be any geologist well report filed as we did not have a geologist on site for the well deepening.

If you need more information please call me at 316-298-5111.

Thanks,

A handwritten signature in cursive script that reads "Rebecca Mosshart".

Rebecca Mosshart
Sr. O & M Tech

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046
Corporate FIN 73-0271280



INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
283325	10/07/1997

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
SITTON 26-41	PRATT ORIGINAL	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
PRATT	PRATT WELL SERVICE	SHOWN BELOW	10/07/1997		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
634280	W A MERRICK		L 4420 7 008	COMPANY TRUCK	31249

DIRECT CORRESPONDENCE TO:

NORTHERN NATURAL GAS CO
BOX 178
CUNNINGHAM, KS 67035

P O BOX 963
PRATT KS 67124
316-672-5593

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT/CASING EVALUATION					
750-730	LOGGING UNIT MILEAGE CHARGE	46	MI	3.20	147.20
		1	EA		
750-755	OTHER SERVICE UNIT MILEAGE CHG	46	MI	1.95	89.70
		1	EA		
750-500	SERVICE CHARGE-CASED HOLE-LAND	1	EA	1,000.00	1,000.00
750-507	ENVIRONMENTAL PROTECTION SUR	1	EA	75.00	75.00
754-790	MSG CEMENT BOND LOG	4465	FT	.38	1,696.70
754-791	MSG CEMENT BOND LOG OPER	1000	FT	.38	380.00
752-330	GAMMA RAY IN COMBINATION	4465	FT	.12	535.80
752-331	GAMMA RAY IN COMBINATION	1000	FT	.12	120.00
JOB PURPOSE SUBTOTAL					4,044.40
JOB PURPOSE - PERFORATING					
757-400	PREM THRU-TBG PREM EXPEND DPTH	4453	FT	.18	801.54
757-406	PERF THRU TBG PREM EXPEND 4SH	4453	FT	183.00	5,673.00
		31	IVL		
757-305	SCREWPORT CASN GUN 4SH/FT	4332	FT	140.00	2,800.00
		20	IVL		
751-105	BOP PACKOFF W LUBRICTR INSTLN	1	PSI	430.00	430.00
756-900	PRODUCTION PACKER AND RETAINER	4389	FT	1,510.03	1,510.03
JOB PURPOSE SUBTOTAL					11,214.57
INVOICE SUBTOTAL					15,258.97

1997 DEC 19 10 13 37

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Simpson Project 543828 *Leon Fisher*

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

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORIGINAL

INVOICE



HALLIBURTON ENERGY SERVICES, INC.

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046
Corporate FIN 73-0271280

INVOICE NO.	DATE
283325	10/07/1997

WELL LEASE NO/PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
PRATT 26-41	PRATT	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
PRATT	PRATT WELL SERVICE	SHOWN BELOW	10/07/1997		
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
34280	W A MERRICK		L 4420 7 008	COMPANY TRUCK	31249

ORIGINAL

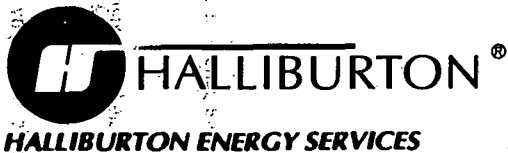
NORTHERN NATURAL GAS CO
BOX 178
CUNNINGHAM, KS 67035

DIRECT CORRESPONDENCE TO:
P O BOX 963
PRATT KS 67124
316-672-5593

REFERENCE NO	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	DISCOUNT - (BID)				9,414.06-
	INVOICE BID AMOUNT				5,844.91
	*-KANSAS STATE SALES TAX				208.82
	*-PRATT COUNTY SALES TAX				42.62
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$6,096.35

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KANSAS CORP COMM
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TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



CHARGE TO:
NORHEON NATURAL GAS Co.
 ADDRESS:
P.O. Box 178
 CITY, STATE, ZIP CODE:
Canningham, KS 67035

CUSTOMER COPY
 No. **283325 - 9**
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KANSAS CORP COMM
 PAGE **1** OF **1**

1. SERVICE LOCATIONS HA 71	WELL/PROJECT NO. 26-41	LEASE SETTON	COUNTY/PARISH PRATT	STATE KS	CITY/OFFSHORE LOCATION NA	DATE 10-7-97	OWNER SAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES	CONTRACTOR PRATTWELL	RIG NAME/NO.	SHIPPED VIA QT	DELIVERED TO WEBSITE	ORDER NO. NA	
3. <input type="checkbox"/> SALES	<input type="checkbox"/> NO						
4. WELL TYPE 05	WELL CATEGORY 02	JOB PURPOSE 623	WELL PERMIT NO. 15-151-20629	WELL LOCATION US LAND			
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
623	750790		62	MILEAGE Logging Unit	46	MI			370	172 20
623	750755		62	MILEAGE Pickw	46	MI			195	89 70
623	750500		62	CH Service Unit	1	EA			1000 00	1000 00
623	750507		62	ENTER PROTECT SIGNABLE	1	EA			75 00	75 00
623	754790/91		62	CBL DEPTH / OPER	4465	FT	MIN	FT	38	2076 2
623	752330/31		62	GARMIN DEPTH / OPER	4465	FT	MIN	FT	12	655 80
625	757400		62	Perf DEPTH	4453	FT			18	801 51
625	757406		62	1 1/2" DYNASTAR 4 PER @ 4200-4453	31	FT			180 00	5673 0
625	757305		62	1" SPC 4 PER @ 4202-4392	20	FT			140 00	2800 0
625	751105		62	Packoff Rise	1	EA			430 00	430 00
829	756900		62	Set Packer	4389	FT			3257 27	1510 00

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.				TYPE LOCK	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input checked="" type="checkbox"/> RUN			PAGE TOTAL 15258
DATE SIGNED: 10-7-97 TIME SIGNED: 8:15 <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.				BEAN SIZE	TYPE OF EQUALIZING SUB.	CASING PRESSURE 0		FROM CONTINUATION PAGE(S) 15258
				DEPTH	TUBING SIZE 2.375	TUBING PRESSURE NA	WELL DEPTH 4389	
				SPACERS	TREE CONNECTION	TYPE VALVE		
<input type="checkbox"/> do, <input type="checkbox"/> do not require IPC (Instrument Protection). <input checked="" type="checkbox"/> Not offered				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 5844 91				

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) WA Merrick	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER F.D. MAYER	EMP # 65831	HALLIBURTON APPROVAL <i>[Signature]</i>
------------------------------------------------------------------	----------------------------------------------------------------	----------------------------------------------------	-----------------------	--------------------------------------------



JOB SUMMARY 4240-1

TICKET # 283225	TICKET DATE 10-7-97
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REGION North America	NWA/COUNTRY MC USA	BDA / STATE MC KS	COUNTRY PRATT
MBU ID / EMP # 68001 65831	EMPLOYEE NAME F.D. MAYES	PSL DEPARTMENT 5006	
LOCATION #1 PRATT	COMPANY NORTHERN NATURAL GAS	CUSTOMER BSP / PHONE Perilligan 316-546-5345	
TICKET AMOUNT 5844.91	WELL TYPE STORAGE	API / UWI # 15-151-20629	
WELL LOCATION U.S. Land	DEPARTMENT L.P.	JOB PURPOSE CODE 625, 623	
LEASE / WELL # SEPTON No. 26-41	SEC / TWP / RNG 26-275-11W		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
MAYES 65831							
KEECE 81216							
WOMAKA 124304							

ORIGINAL

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
41202	46						
53880	46						

4. MAX. SERV DEPTH 4465	5. CASING DEPTH 4480	6. CASING SIZE 5.5, 3.5	WEIGHT	GRADE	7. TUBING DEPTH NA	8. TUBING SIZE 2375	WEIGHT	GRADE
9. BIT SIZE 7.875-60	10. MUD WEIGHT & RESISTIVITY @ BHT NA	11. MUD TYPE & CHLORIDES (PPM) NR	12. WELL PRESSURE 0		13. BOTTOM HOLE TEMP. NA		<input type="checkbox"/> F	<input type="checkbox"/> C
14. HOLE SIZE <input type="checkbox"/> OH <input checked="" type="checkbox"/> CH	15. DRILLERS DEPTH 4466	16. WELL DEVIATION <input type="checkbox"/> VERTICAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/> DIRECTIONAL			17. DEV @ TD			
18. MAX. DEV.	19. MAX BEND * / 100'	20. KICKOFF DEPTH		21. MEAS. DEPTH		22. TVD		
23. DATE/TIME CREW NOTIFIED	24. DATE/TIME ARRIVE SHOP 10/7 0600	25. DATE/TIME LEAVE SHOP/DOCK 10/7 0615		26. DATE/TIME ARRIVE LOCATION 10/7 0715		27. DATE/TIME REQUESTED ON LOCATION 10/7 0800		
28. DATE/TIME BEGIN WAITING	29. DATE/TIME END WAITING	30. DATE/TIME RIG-UP 10/7 0800		31. DATE/TIME START RIG DOWN 10/7 1215		32. DATE/TIME LEAVE LOCATION 10/7 1245		
33. DATE/TIME RETURN SHOP/DOCK 10/7 1330	34. LOST TIME 0	35. OPERATING TIME 3.75		38. SHOP-TO-SHOP / DOCK-TO-DOCK TIME 7.5				
37. # OF SUCCESSFUL SERVICES 5	38. TOTAL SERVICES RUN 5	MARINE STANDBY OR WAITING				MARINE TRAVEL TIME		
		39. HES LIFT BOAT	40. HES TRUCK	41. HES CREW	42. HES LIFT BOAT	43. HES TRUCK	44. HES CREW	

45. # OF CORES REQUESTED	46. # OF CORES ATTEMPTED	47. # CORES RECOVERED	48. # PULL-OFFS	49. MAXIMUM FORM PRESSURE	50. MAXIMUM PRESSURE HYDROSTATIC		
51. # OF SETS	52. # PRESSURE TESTS	53. # FLUID SAMPLES	54. # OF MUD SETS	55. # TIGHT TESTS			
56. TYPE CARRIER SPC BIRDIE	57. CARRIER DIAMETER 4" 1 1/4"	58. CHARGE TYPE 507 Dynamal 22.7 - 11.9	59. PHASING 90°	60. GUN POSITION FREE	61. # OF SELECT FIRES 0		
62. HOLES/FOOT 4	63. # OF CARRIERS 6	64. # OF CHARGE FAILURES 0	65. PLUG/PACKER TYPE BAKER MOD	66. GAUGE RING SIZE	67. SET TOOL TYPE DRILL		
66. SET TOOL SIZE 05	69. JUNK BASKET SIZE	70. DUMP BAILER SIZE	71. TOTAL CEM. HEIGHT	72. TUBING PUNCH SIZE	73. JET/CHEMICAL SIZE	74. FREEPOINT DEPTH	75. # OF SHOTS

78. TOOL/SERIAL # COSMOS	78. TOOL/SERIAL # CB7	78. TOOL/SERIAL # CB7	78. TOOL/SERIAL #	78. TOOL/SERIAL #	78. TOOL/SERIAL #	78. TOOL/SERIAL #	78. TOOL/SERIAL #
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83. TOOL/SERIAL # DO6	83. TOOL/SERIAL # PS	83. TOOL/SERIAL # DL6	83. TOOL/SERIAL #	83. TOOL/SERIAL #	83. TOOL/SERIAL #	83. TOOL/SERIAL #	83. TOOL/SERIAL #
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ENGINEER NO. 1 F.D. MAYES	EMPLOYEE # 65831	9 DEC 9 11 38 RECORDED KASAS FOR COMM
ENGINEER NO. 2	EMPLOYEE #	
ENGINEER NO. 3	EMPLOYEE #	

THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE