

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

API NO. 15- 125 - 29969-0000

ORIGINAL

County MONTGOMERY

 - NW - SW - Sec. 4 Twp. 34S Rge. 17 XXX E W

2150 S Feet from S (circle one) Line of Section

520 W Feet from W (circle one) Line of Section

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

Lease Name SOUTH LIBERTY Well # 1

Field Name LIBERTY

Producing Formation SQUIRREL

Elevation: Ground 764 KB

Total Depth 559 PBSD

Amount of Surface Pipe Set and Cemented at 22 Feet

Multiple Stage Cementing Collar Used? Yes XXXX No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 472

feet depth to w/ 75 ex. cnt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

AIR DRILLED

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. Rge. E

County Docket No.

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 03 2000

CONSERVATION DIVISION
WICHITA, KS

Operator: License # 4172

Name: UCG STORAGE, INC.

Address P.O. BOX 650205

City/State/Zip DALLAS, TX 75265-0205

Purchaser: NA

Operator Contact Person: MATTHEW FRIHART

Phone (972) 855-3098

Contractor: Name: MOKAT DRILLING

License:

Wellsite Geologist: KENTON HUPP

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGM
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:
STORAGE

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

5-4-2000 5-17-2000
Spud Date Date Reached TD Completion Date

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 Kenton Hupp
Title CONSULTING ENGINEER Date 7/21/2000

Subscribed and sworn to before me this 21 day of July, 2000.

Notary Public Alma Hupp

Date Commission Expires 1/19/03

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 Plug Other (Specify)

Operator Name UCG STORAGE, INC.

Lease Name SOUTH LIBERTY

Well # 1

Sec. 4 Twp. 34S Rge. 17

East

West

County MONTGOMERY

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.)

List All E.Logs Run: CBL
DIL
CDN
GRN

Log Formation (Top), Depth and Datum Sample

Name SQUIRREL Top 466 Datum

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					
PRODUCTION	7 7/8"	5 1/2	15.5	472	CIRC.		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

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
OPEN HOLE	472-559	NATURAL

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
		NA		

Date of First, Resumed Production, S/D or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
NA	

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

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: _____

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

Liberty

TICKET NUMBER 12150
LOCATION _____
FOREMAN _____

TREATMENT REPORT

DATE 5-9-00	CUSTOMER ACCT #	WELL NAME Liberty South #1	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
CHARGE TO United Cities				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	7 7/8
TOTAL DEPTH	
CASING SIZE	5 1/2"
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 03 2000
CONSERVATION DIVISION
WICHITA, KS

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB

JOB SUMMARY

DESCRIPTION OF JOB EVENTS
Got circulation on 1 gal w/fluor. then 75 lbs Portland
290 sac on 290 gal 40# Flu dropped plug displaced to 473'

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 OR 800-467-8676

ORIGINAL
 13351

TICKET NUMBER

LOCATION Prichville

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-9-00		Liberty South #1						
CHARGE TO <u>United Cities</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1	PUMP CHARGE		475.00
5402	471'	Footage		47.10
		HYDRAULIC HORSE POWER		
1102	3 sks.	Calcium		60.30
1118	3 sks.	gel		31.50
1107	1 sk.	Flu-sol		33.55
1105	1 sk.	hulls		11.50
4405	1	5 1/2 plug		39.00
4119	1	5 1/2 float shoe		114.00
4109	3	5 1/2 control valves		92.00
RECEIVED KANSAS CORPORATION COMMISSION AUG 03 2000 CONSERVATION DIVISION WICHITA, KS				
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		165.00
5502	31 cc.	VACUUM TRUCKS		
		FRAC SAND		
1104	75 sks.	CEMENT		615.00
		NITROGEN	1.2	46.20
5403	1	TON-MILES		125.00
ESTIMATED TOTAL				1553.00

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN [Signature]

CUSTOMER or AGENT (PLEASE PRINT)

DATE 5-9-00

NSCO #15007