

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 - 29967-0001

ORIGINAL

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 SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

STORAGE

If Workover/Reentry: Old Well Info as follows:

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. _____

5-2-2000 5-15-2000

Spud Date 5-2-2000 Date Reached TD 5-15-2000 Completion Date

County MONTGOMERY

NE NE SW NE Sec. 28 Twp. 33S Rge. 17 XXX E

1500 N Feet from S/N (circle one) Line of Section

1500 E Feet from ~~E~~ (circle one) Line of Section

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

Lease Name NORTH LIBERTY Well # 301

Field Name LIBERTY

Producing Formation SQUIRREL

Elevation: Ground 766 KB _____

Total Depth 550 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 _____

feet depth to _____ w/ _____ sx cmt.

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

AIR DRILLED

Chloride content _____ ppm Fluid volume REMOVED bbls

Dewatering method used _____ KANSAS CORPORATION COMMISSION

Location of fluid disposal if hauled offsite:
AUG 03 2000

Operator Name _____

Lease Name _____ CONSERVATION DIVISION
License No. WCH174, KS

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 7/21/00

Subscribed and sworn to before me this 21 day of July

Notary Public Alma Hupp

Date Commission Expires 1/19/03

ALMA HUPP
Notary Public - State of Kansas
Exp. Expires

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 NORTH LIBERTY Well # 301
 Sec. 28 Twp. 33S 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 Datums Sample

Name Top Datum
 SQUIRREL 494

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	505	CIRC.		

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	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				

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	505-50	NATURAL	

TUBING RECORD Size NA Set At NA Packer At NA Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. NA Producing Method Flowing Pumping Gas Lift Other (Explain)

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

TICKET NUMBER **15131**
LOCATION Bartlesville
FOREMAN Tracy L. Williams

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-3-00		Liberty North 301		28	335	17C	Montgomery	
CHARGE TO <u>U.C.G. Storage</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>2 7/8</u>
TOTAL DEPTH	<u>506</u>
CASING SIZE	<u>5 1/2</u>
CASING DEPTH	<u>506</u>
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 Broke circulation can get then -5 hrs per at shutdown washed up behind plug & pumped plug to bottom set first shoe & put 450 psi on well for 30 min. Release pressure & shut in

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi <u>0</u>
FINAL DISPLACEMENT	psi <u>200</u>
ANNULUS	psi
MAXIMUM	psi <u>1500</u>
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi <u>450</u>

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

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

ORIGINAL

TICKET NUMBER 11117

LOCATION Bartlesville

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-3-00		Liberty North 301		28	33S	17E	Montgomery	
CHARGE TO				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	LS	475.00
5405	10%	Less additional well discount		-47.50
		HYDRAULIC HORSE POWER		
1118	2 sks	Premium Gel		21.00
1102	3 sks	Calcium Chloride		90.30
4109	3	5/8 Centralizers		87.00
4119	1	5/8 Float Shoe		114.00
4405	1	5/8 Rubber Plug		39.00
1107	1 sk	Flo Seal		33.55
RECEIVED KANSAS CORPORATION COMMISSION AUG 03 2000 CONSERVATION DIVISION WICHITA, KS				
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5509	3 hrs	VACUUM TRUCKS		165.00
		FRAC SAND		
1K4	25 sks	CEMENT		214.00
			Tax	20.33
		NITROGEN		
		TON-MILES		
ESTIMATED TOTAL				1761.63

NSCO #15097

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

CUSTOMER or AGENT (PLEASE PRINT)

DATE