

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

API NO. 15- 165-21685 0000

ORIGINAL

County Rush County, Kansas

C - SW - NE - Sec. 3 Twp. 16S Rge. 18 XX^E

3300 Feet from SW (circle one) Line of Section

1980 Feet from EW (circle one) Line of Section

Operator: License # 31741

CONFIDENTIAL

Name: Liboc, Inc.

Address 3300 South Parker Road, Suite 206

City/State/Zip Aurora, Colorado 80014

Purchaser: Nitrotec Helium Corporation

Operator Contact Person: Denny Furst

Phone (303), 671-6737

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jeff Zoller

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

11-03-95 11-09-95 11-10-95
Spud Date Date Reached TD Completion Date

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

Lease Name Herl Trust Well # 2

Field Name Wildcat

Producing Formation Penn Sand

Elevation: Ground 1933 KB 1942

Total Depth 3627' PBDT _____

Amount of Surface Pipe Set and Cemented at 1102.18 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from NA

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 4-11-96
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 1000 bbls

Dewatering method used Air Dry Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name NA

Lease Name _____ License No. IAN 1.6

Quarter _____ Sec. _____ Twp. CON Rng. 11/W

County _____ Docket No. _____

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

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 Ray N. Daniels, Jr.
Title Vice President Date 12-27-95

Subscribed and sworn to before me this 27th day of December, 19 95.

Notary Public W. J. Doucette

Date Commission Expires September 22, 1999

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)

Operator Libco Inc.

Lease Name Herl Trust

Well # 2

Sec. 3 Twp. 16S Rge. 18

East
 West

County Rush County, Kansas

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:
DIL, Sonic, CND

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
			Anhydrite	1084	(t858)
Topeka	2928	(-936)			
Heebner	3162	(-1220)			
Lansing	3211	(-1269)			
BKE	3440	(-1469)			
Penn Sand	3492	(-1550)			
Arbuckle	3516	(-1574)			
Reagan Sand	3592	(-1650)			

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"	28#	1102.18	60/40 Poz	375	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	3626'	60/40 Poz	200	10%salt

ADDITIONAL CEMENTING/SQUEEZE RECORD NA

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		<u>NA</u>		
<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
	<u>NA</u>		
<u>4</u>	<u>3495' - 3498'</u>	<u>Natural</u>	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<u>2 3/8"</u>	<u>3626</u>	<u>3492</u>	
Date of First, Resumed Production, SMD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		<u>1500 MCF</u>	<u>0</u>	<u>NA</u>

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3495'-3498'

Production Interval: 3495'-3498'

Other (Specify) _____

ALLIED CEMENTING CO., INC.

2497

CONFIDENTIAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT R

DATE <u>11-10-96</u>	SEC <u>3</u>	TWP. <u>16^s</u>	RANGE <u>18^w</u>	CALLED OUT	ON LOCATION <u>11:30pm</u>	JOB START	JOB FINISH <u>4:15AM</u>
LEASE <u>Hol Trust</u>	WELL # <u>2</u>	LOCATION <u>Hays 11 S 1 E 4 S</u>			COUNTY <u>Rush</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

ORIGINAL

CONTRACTOR Duke Dale Rig 4
 TYPE OF JOB Production String
 HOLE SIZE 7"el T.D. 3627
 CASING SIZE 5 1/2 DEPTH 3626
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1000psi MINIMUM _____
 MEAS. LINE 88.75 881 SHOE JOINT 31.50
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 200⁶⁰ 40 10% salt
al of 1 1/2 CD-31
500 gal WFR-2
 COMMON 120 @ 610 732⁰⁰
 POZMIX 80 @ 345 252⁰⁰
 GEL @ _____
 CHLORIDE @ _____
500 gal WFR-2 @ 1⁰⁰ 500⁰⁰
CD-31 17# @ 445 755⁰⁰
Salt 17' @ 7⁰⁰ 119⁰⁰
 HANDLING 200 @ 105 210⁰⁰
 MILEAGE 44 Per sk per mile @ _____ 96⁰⁰
 TOTAL 1984⁶⁵

EQUIPMENT

PUMP TRUCK CEMENTER Dave
 # 153 HELPER Mark
 BULK TRUCK DRIVER nu
 # _____ DRIVER _____
 BULK TRUCK DRIVER Jason JAN 1 6
 # 213 DRIVER

REMARKS:

Floats Held
plug Rathole w/ 15 sk

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1030⁰⁰
 EXTRA FOOTAGE @ _____
 MILEAGE 12 @ 233 280⁰⁰
 PLUG 5 1/2 Pullman @ _____ 50⁰⁰
 TOTAL 1108⁰⁰

CHARGE TO: Liboc Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT
5 1/2 Baker Float Collar 298⁰⁰
1 Baker Float Shoe @ _____ 263⁰⁰
1 Limit Clamp @ _____ 20⁰⁰
14 Centrifuges @ 56⁰⁰ 784⁰⁰
 TOTAL 1365⁰⁰

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Gary Sharp

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

AC

DRILL STEM TESTS

NO.	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	3436 - 3496	745-800	1178	760-864	1177	1757	135' SG & MCO (5%G, 75%M, 20%M)
		15	30	15	45	1720	40' G & HOCM (30%G, 30%M, 40%M)
							Penn S.S.
							IF: GTS 2" Gauged 5" - 1,824 MCF 8" - 2,258 MCF 15" - 3,155 MCF
							FF: Gauged 5" - 2,319 MCF 10" - 3,633 MCF 15" - 3,635 MCF

NOV 11 1997
JAN 16 1998
CONFIDENTIAL

MUD RECORD

DEPTH	WT.	VIS.	FIL.	CH.	YP.	DATE
270	9.2	35	NC	90.2	12	11-3-95
403	10.2	39	"	80.3	12	11-3-95
514	10.7	47	"	83	27	11-3-95
710	8.6	40	10.4	5m	13	11-6-95
3190	9.2	45	8.8	4m	11	11-7-95
3496	9.3	52	10.4	5m	22	11-8-95

BIT RECORD

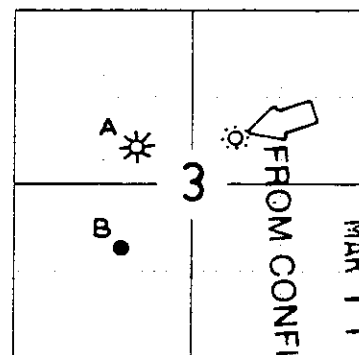
SIZE	MAKE	TYPE	DEPTH OUT	FEET	HOURS
1/4	SIC	DSJ	403	403	2.75
1/4	SIC	DSTJ	969	566	5.5
1/4	SIC	DSJ	1102	133	3
7/8	WMC	5IF	3627	2525	72

FORMATION TOPS AND STRUCTURE

REFERRED TO:

A: Noble Petroleum
175' SW C SE NW Sec 3-1

B: Noble Petroleum,
SW NE SW Sec. 3-1



RELEASED

STRATIGRAPHIC MARKERS	SAMPLE	E. LOG	VELL (ELEV.)	DATUM	STRUCTURE
Anhydrite	1087	1084	+ 858		+ 854
Herrington-Krider	1890	1887	+55		+52
Winfield	1938	1935	+7		+2
Wreford	2190	2190	- 248		- 248
Cottonwood	2302	2302	- 360		- 373
NEVA	2368	2365	- 423		- 424
Foreraker	2463	2456	- 514		- 530
Waubunsee	2590	2588	- 646		- 651
Tarkio	2696	2699	- 757		- 757
Topeka	2924	2928	- 986		- 988
Heebner	3160	3162	-1220		-1220
Lansing	3208	3211	-1269		-1269
BKC	3437	3440	-1498		-1495
Penn SS	3489	3492	-1550		-1547
Arbuckle	3516	2528	-1586		-1577

CONFIDENTIAL

ORIGINAL

15-1105-21085-0000