

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

API NO. 15- 171-20, 452 0001 ORIGINAL

County Scott
SE SE NE Sec. 8 Twp. 19S Rge. 31 X^E_W

Operator: License # 8964

2310 Feet from S (circle one) Line of Section

Name: Reserve Pipeline, Inc.

330 Feet from E/W (circle one) Line of Section

Address P. O. Box 1274

Footages Calculated from Nearest Outside Section Corner:

City/State/Zip Liberal, KS 67905

NE SE, NW or SW (circle one)
(FORMERLY DEARDEN)
Lease Name Strickert Well # 1-8

Purchaser: Aurora Natural Gas

Field Name Hugoton Northeast Area

Operator Contact Person: Gene Smith

Producing Formation Krider

Phone (316) 624-6266

Elevation: Ground 2963 KB 2970

Contractor: Name: Chief Drilling

Total Depth 4643 PBDT 3397

License: 5886

Amount of Surface Pipe Set and Cemented at 253 Feet

Wellsite Geologist: J. E. Jespersen

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion
 New Well XXX Re-Entry Workover

If yes, show depth set Feet

 Oil SWD S10W Temp. Abd.
 Gas ENHR XXX S1GW
 Dry Other (Core, VSW, Expl., Cathodic, etc.)

If Alternate II completion, cement circulated from 3397'

feet depth to surface w/ 600 sx cat.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan REENTRY J# 8-25-97
(Data must be collected from the Reserve Pit)

Operator: Chief Drilling
DEARDEN

Chloride content ppm Fluid volume bbls

Well Name: #1-8

Dewatering method used

Comp. Date was TA'd Old Total Depth 4643

Location of fluid disposal if hauled offsite:

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

Operator Name

3-14-97

Lease Name License No.

3-15-97

 Quarter Sec. Twp. S Rng. E/W

Date of REENTRY Date Reached TD Completion Date

County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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.

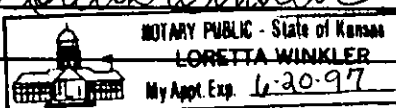
Signature Gene L. Smith

Title President Date 4/2/97

Subscribed and sworn to before me this 2nd day of April 19 97.

Notary Public Loretta Winkler

Date Commission 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 Reserve Pipeline

Lease Name Strickert

Well # 1-8

East

County Scott

Sec. 8 Twp. 19S Rge. 31

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.)

List All E.Logs Run:

**CEMENT BOND
CASED HOLE NEUTRON
[PREVIOUSLY RUN DURING
DRILLING]**

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2250	Mississippi 4586
B/Annhydrite	2270	Miss. Dolo. 4618
Krider	2755	
Heebner	3890	
Lansing	3932	
Muncie Creek	4126	
Stark	4223	
Marmaton	4354	
Ft Scott	4480	
Cherokee Sh	4501	

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"	23#	253	Class H	190	3% CaCl ₂ 2% gel
Production	7-7/8"	4-1/2"	10.5#	3400	Class H	600	

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				

RECEIVED
KANSAS CORP.
2-14-70

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	2756-2764	800 gal 20% FE, 127 Bbls gelled water w/14,000#	
		16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8"	2797	None	

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		150	50		

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

2756-2764'

*Le...
The Rec.*

CHIEF DRILLING, Inc.

Drilling Contractors - Oil Producers

120 S. MARKET
SUITE 300

WICHITA, KANSAS 67202

ORIGINAL

V. RICHARD HOOVER
PRESIDENT

OFFICE (316) 282-3791
FAX (316) 282-4604

API #15-171-20452-0001

#1-8 DEARDEN (#2884)
NW SE SE NE
Sec. 8-19S-31W
Scott Co., Kansas

ELEV: 2963 GR
2970 KB

2-25-93 Spud 2:45 p.m. 2-24-93.
Ran 6 jts 8 5/8" 20# surface.
csg., tally 250', set @ 260'
w/190 sx 60/40 pozmix, 3% cc.,
2% gel. Commenced running
csg. @ 8:30 p.m. Job complete
@ 9:15 p.m. 2-24-93.
Drilling @ 310' @ 7:00 a.m.

2-26-93 Drilling @ 2005'
2-27-93 Drilling @ 2600'
2-28-93 Drilling @ 3100'
3-01-93 Drilling @ 3510'
3-02-93 Drilling @ 3920'
3-03-93 Drilling @ 4280'

FORMATION TOPS:

Anhydrite	2253	+ 717
Base Anhy	2270	+ 700
Heebner	3890	- 920
Toronto	3906	- 936
LKC	3932	- 962
Muncie Creek	4126	-1156
STARK	4223	- 1253
Huspuck	4268	- 1298
BKC	4331	- 1361
MARMARON	4357	- 1384

DST #1

4220-4240' LKC 200'
op 30-45-15-45 weak blow
Rec. 120' SW-NSO.
Chlorides 82,000
FP 35/44 44/44
BNP 1092-1092
Nqd. 2077-2031
Temp. 120°

DST #2

4347-4395' MARMARON
30-45-30-45 strong blow
decr. to wk - Rec. 200'
H₂O mud - 75,000
FLO P 89/87 129/125
BNB 1119-1119
Nqd. 2169-2123'
Temp. 123°

P.T.D. 4650'

*Made deal for Chief to set pipe for us
if they decide not to complete - If they
do complete, we to reimburse them for pipe
to 2800'-2900' + cement - they to set pipe & run cement.*

CHIEF DRILLING, Inc.

Drilling Contractors - Oil Producers

120 S. MARKET

SUITE 300

WICHITA, KANSAS 67202

ORIGINAL

V. RICHARD HOOVER
PRESIDENT

API #15-171-20452-0001

OFFICE (318) 282-3701
FAX (318) 282-4504

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2-28-93 Drilling @ 3100'

3-01-93 Drilling @ 3510'

3-02-93 Drilling @ 3920'

3-03-93 Drilling @ 4280'

3-04-93 DST #1 4220-40 (LKC 200')
30-45" 15-45", Very wk. blow
Rec. 120' salt water, no show
oil. 82,000 chl., FP 35/44#
44/44#, BHP 1092/1092#,
Hyd 2077/2031#, temp. 120°
Drilling @ 4275'

3-05-93 DST #2 4347-4395 (Marm. "A" & "B")
30-45" 30-45", Strong blow
decreasing to weak blow. Rec.
200' watery mud. Chl. 75,000.
FP 89/107# 125/125#, BHP 1119/
1119#, Hyd 2169/2123, 123°
Drilling ahead

3-06-93 Operations suspended.

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Base Anhy	2270	+ 700
Heebner	3890	- 920
Toronto	3906	- 936
LKC	3932	- 962
Muncie Creek	4126	-1156
Stark	4223	-1253
Hushpuckney	4268	-1298
BKC	4331	-1361
Marmaton	4354	-1384
Pawnee	4435	-1465
Ft. Scott	4480	-1510
Cherokee	4501	-1531
Mississippi	4586	-1616
Dolomite	4618	-1648
Dolomite porosity	4619	-1649
RTD	4643	-1673

RECEIVED
 CHIEF DRILLING, INC.
 15 12 1993

GARY LINDENMUTH
270 W.11th Street
HOISINGTON, KANSAS 67544
316-653-7319

ORIGINAL

Chief Drilling, Inc.
120 South Market, Suite 300
Wichita, Kansas

15-171-20452-0001

RE: Dearden 1-8
8-19S-31W Scott County, Kansas

3-17-93 Ran Drill Pipe in hole at 3450'. Circulated and conditioned hole 1 hr. Lay down Drill Pipe and got ready to run 4 1/2" csg.

Ran 77 jts. used 4 1/2" csg., 4 new jts. 4 1/2" csg. and 1 shoe jt. 9.84'.

Total csg. and shoe jt.	3414.26'
7' K.B.	<u>7.00</u>
TOTAL	3421.26'
Centralizers @	3410'
	2894'
	2854'
	2774'
	2734'
	2294'

Baker Triplex shoe on bottom. Basket @ 2294'

Pumped 500 gal. Mud Flush, 350 sxs. Liteweight cement, 250 sxs. Common Cement w/2% Gel. Cement did circulate. Float down @ 10:00 p.m.

1 Day	\$300.00
248 miles @ \$.35	<u>86.50</u>
	\$386.50

RECORDED
INDEXED
MAR 20 1993
15-171-20452-0001

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316-653-7319

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RECEIVED
KANSAS GEOLOGICAL SURVEY
MARCH 17 1993

ORIGINAL

CHIEF DRILLING, INC.
120 S. MARKET SUITE 300
WICHITA, KANSAS 67202

15-171-20452-0001

Reserve Pipeline, Inc.
P.O. Box 1274
Liberal, Kansas 67905

#1-8 Dearden

April 1, 1993

INVOICE # 9303-02

FOR: RUNNING PIPE

To invoice you for running casing on 3-17-93:

Rig time 3-17-93 15 hrs @ \$175/hr \$2,625.00

Production casing and casing head, plug, nipple, valve
purchased from Sunrise Oilfield Supply 9,007.61

Supervision - Gary Lindenmuth 386.50

Amount payable to Chief Drilling, Inc.

\$12,019.11
=====

21 510
111 00 11



105 S. Broadway, Suite 720
Wichita, Kansas 67202
Phone (316) 263-6060

INVOICE
ORIGINAL

TICKET NO: 23443-

INVOICE NO.: 002539

INVOICE DATE: 03/17/93

PAGE: 1

SOLD TO: CHIEF DRILLING CO INC
BOX 240
HOISINGTON, KS
67544

SHIPPED TO: DEARDEN 1-8
SHIPPED FROM: NESS CITY
FOB: LOCATION
SCOTT CO., KS.

Limited service pipe and used pipe & equipment on "as is" basis with no expressed or implied warranty, guarantee, or liability responsibility unless otherwise specified by a Sunrise representative.

Ship VIA:

Purchase Order:

TICKET #

Terms: NET 10 DAYS

Date Shipped: 03/17/93

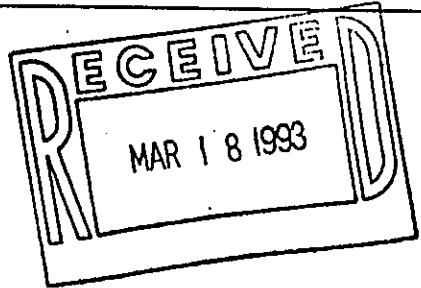
Customer code: 20210

THE ITEMS DESCRIBED BELOW ARE BOUGHT SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS AND THE REVERSE SIDE.

ITEM	ORDERED	SHIPPED	DESCRIPTION	PRICE	AMOUNT
02402230992	3207 FT		OCT B1 4-1/2 10.5 JE STC R3 (77 JOINTS)	2.380	7,632.66 *
07402230966	10 FT		OCT LJ 4-1/2 10.5 JE STC (1 JOINT) LANDING JT	4.500	45.00 *
M0402230462	217 FT		OCT A 4-1/2 10.5 JE STC MAV R3 (5 JOINTS)	3.100	672.70 *
	1		FREIGHT CHARGE: CHEYENNE		0.00 *
	1		HEAD CSG 8-5/8M X 4-1/2 USED	200.000	200.00 *
	1		PLUG BULL LP STD 2" USED	11.000	11.00 *
	1		NIP BP XH SMLS 2 X 4 USED	2.160	2.16 *
	1		VLV LUB PLUG 2" USED	23.330	23.33 *

140

WATCH # 3
VENDOR # SUNRI
DUE DATE 3/27/93
G.L. ACCT. # 14003
LEASE # 5
WELL # _____
DATE POSTED _____



Subtotal 8,586.85
*Sales Tax 420.76
Invoice Total 9,007.61

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4889

Home Office P. O. Box 31

Russell, Kansas 67665

NEW

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
3-17-93	8	19S	31 W	9:30 AM	1:00 PM	7:30 AM	10:00 AM
Lease Dearden	Well No. 1-8	Location Scott City SE-55-38-1/2 N			County Scott	State KS	

Contractor Chief	Type Job Lona String
Hole Size 7 7/8	T.D. 3421
Csg. 4 1/2 10.5" ^{4 1/2}	Depth 3421
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line 1/16 S	Displace 55
Perf.	

Owner	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 listed.
Charge To	Rosewood Pipeline
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	

EQUIPMENT

No.	Cement	Helper
Pumptrk 191	Ken	Terry
No.	Cement	Helper
Pumptrk	Walt	
	Driver	
No.	Driver	
Bulktrk	Steve	
Bulktrk 312	Flitz	

Purchase Order No.	
X - <i>Allen K... (Allen K...)</i>	
CEMENT	
500 gal. mud flush (WFR2)	
Amount Ordered	250 SK, Wagon 27000
Consisting of	350 SK. Lightweight

DEPTH of Job	3421
Reference:	
	4 1/2 Rubber Plug
	Sub Total
	Tax
	Total

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total

Remarks: Circulate mud + open Triplex (boots)
 Circulate for 30 min. Run mud flush + mix
 Cement. Displace with fresh water
 Cement Did Cir

- 1 - Baker Triplex shoe
- 1 - Baker Auto fill Triplex
- 1 - Baker Cement Bag Kit
- 2 - Baker Control Lines

P. O. BOX 1274
LIBERAL, KANSAS 67905-1274
(316) 624-6266

April 3, 1997

Mr. Dave Williams
Kansas Corporation Commission
Conservation Division
Wichita State Office Building
130 S. Market, Room 2078
Wichita, KS 67202

Re: Strickert #1-8
SE/4 SE/4 NE/4
Section 8-19-31
Scott County, Kansas

RECEIVED
KANSAS CORP COM
1997 APR -7 9 12:14

Dear Mr. Williams:

Enclosed please find the following documents in connection with the captioned well, to wit:

1. Form T1, Request for Change of Operator
2. Original and 2 copies of Form ACO-1 completion form.
3. Chief Drilling, Inc. daily drilling report showing drill stem test results
4. Chief Drilling, Inc. statement for setting casing and attached invoice showing cementing costs and data, including Allied Cementing invoice (5 pages).
5. Gamma Ray Neutron Log and Cement Bond Log.

I have talked to the folks at Dodge City and they said I should send this material to Wichita to your attention.

This well was drilled by Chief Drilling Company on a farmout from Reserve, and Reserve had the right to take over for a shallow completion if Chief didn't complete it as a deep well. The well was drilled during blizzard conditions and Chief did not run any logs due to difficulty in getting into the location.

We asked Chief to set pipe which they did - at our expense - and the well has since set there for about 4 years. We recently completed it through perforations in the Krider (Chase) formation. We may have overfracked it as - after the frac, we were producing water at 30-50 barrels/day. The well is now shut in waiting on a pipeline connection to KN's gathering line, and

Page 2

we are pumping water to see whether the water production will decline. The only logs we have are the casing logs, Gamma Ray-Neutron and Cement Bond logs. This is the first well Reserve has ever completed itself, so I hope the enclosed material is all complete.

If anything else is required, please let me know and I will attempt to supply it promptly.

Thank you for your kind assistance.

Very truly yours,

RESERVE PIPELINE, INC.


By: Eugene L. Smith, President

ELS/lw
encl: