

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

Operator: License # 31961

Name: Buried Hills Production Company Inc.

Address 1000, 112 - 4th Avenue: S.W.  
Calgary, Alberta Canada

City/State/Zip T2P OH3

Purchaser: \_\_\_\_\_

Operator Contact Person: Bud Berger

Phone (316) 339-3848

Contractor: Name: Nabors Drilling

License: 32105

Wellsite Geologist: \_\_\_\_\_ 10-13-91

Designate Type of Completion

- New Well
- Re-Entry
- Workover
- Conversion
- Oil
- Gas
- Dry
- SWD
- ENHR
- Other (Core, WSW, Expl., Cathodic, etc)
- SIGW
- SIGW
- Temp. Abd.

If Workover/Reentry: Old Well Info as follows:

Operator: CONSERVATION DIVISION  
WICHITA, KS

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

June 15, 1997 July 7, 1997

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 083-21442-01-00

County Hodgeman

S/2 - S/2 SW - Sec. 7 Twp. 21S Rge. 22 <sup>E</sup> X <sup>W</sup>

214 Feet from (S)W (circle one) Line of Section

1140 Feet from (E)W (circle one) Line of Section

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

Lease Name Antrim-Cosman Well # Lease Line #1 Hz

Field Name Wieland West

Producing Formation Mississippian Osage

Elevation: Ground 2264 KB 2277

Total Depth 6447 ft M.D. PBDT 6447 ft M.D.

Amount of Surface Pipe Set and Cemented at 630 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Att. 1, 10-28-99 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 670 bbls

Dewatering method used None **RELEASED**

Location of fluid disposal if hauled offsite: APR 26 2000

Operator Name \_\_\_\_\_

Lease Name OCT 8 License No. \_\_\_\_\_

County CONFIDENTIAL 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 [Signature]

Title Manager, Production Date 9-10-09

Subscribed and sworn to before me this 8 day of October, 19 09.

Notary Public [Signature]

Date Commission Expires N/A

MICHAEL B. NIVEN

**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)

SIDE TWO

Operator Name Buried Hills Production Company Inc Lease Name Antrim-Cossman Lease Line #1 Hz

Sec. 7 Twp. 21S Rge. 22  East  West County Hodgeman

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 Log

Log Formation (Top), Depth and Datums  Sample  
Name Top Datum

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	9 5/8	36	629	Class "A"	450	3% CaCl <sub>2</sub>
Intermediate	8 3/4"	7"	23	4803	Midcon II	435	3% CaCl <sub>2</sub>
Slotted Liner	6 1/8	4 1/2	9.5	6747	N/A		

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 Completion Through		
	Slotted Liner		

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 7/8"	3853' KB	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SMD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" 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		
	120	TSTM	1150				

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

CONFIDENTIAL

# Sperry-Sun Drilling Services

Survey Report for Antrim-Cossman #1 HZ - MWD Surveys

Data Source: Actual MWD Surveys



Buried Hills Production Company  
Kansas

ORIGINAL

Hodgeman County  
Sec. 7-T21S-R22W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
6038.53	89.800	182.002	4383.47	1929.28 S	4.63 E	1929.29	3.897
6070.23	88.700	181.802	4383.89	1960.96 S	3.78 E	1960.96	3.527
6101.81	89.400	182.502	4384.41	1992.52 S	2.59 E	1992.52	3.135
6133.54	89.600	182.702	4384.69	2024.21 S	1.15 E	2024.21	0.891
6165.20	88.800	181.002	4385.13	2055.85 S	0.13 E	2055.85	5.934
6196.98	89.700	180.302	4385.54	2087.63 S	0.24 W	2087.63	3.588
6228.60	89.600	180.302	4385.74	2119.44 S	0.40 W	2119.44	0.314
6260.50	90.100	180.002	4385.82	2151.14 S	0.49 W	2151.14	1.839
6292.20	90.000	180.102	4385.79	2182.84 S	0.52 W	2182.84	0.446
6323.93	90.000	179.502	4385.79	2214.57 S	0.41 W	2214.57	1.891
6355.62	90.700	178.602	4385.60	2246.26 S	0.12 E	2246.26	3.568
6387.33	91.200	178.902	4385.07	2277.96 S	0.81 E	2277.96	1.839
6394.00	91.400	179.102	4384.92	2284.62 S	0.92 E	2284.62	4.240
6447.00	90.000	180.502	4384.28	2337.62 S	1.11 E	2337.62	3.735

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North. Vertical depths are relative to RKB. Northings and Eastings are relative to Wellhead.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Wellhead and calculated along an Azimuth of 179.973° (True).

Based upon Minimum Curvature type calculations, at a Measured Depth of 6447.00ft.,

The Bottom Hole Displacement is 2337.62ft., in the Direction of 179.973° (True).

RELEASED

APR 26 2000

FROM CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

OCT 13 1997

KCC

OCT 8

CONSERVATION DIVISION  
WICHITA, KS

CONFIDENTIAL

## DAILY OPERATING REPORT

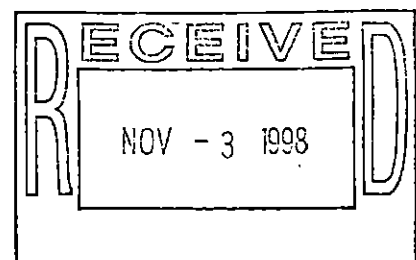
DATE: 10-22-98		DAILY COST SUMMARY	
DAY: 1		AFE No.	
(WELL NAME: #1 HZ)	Antrim-Cossmán	AMOUNT:	
[LOCATION: C SE SW Sec 7-T21S-R22W, Hodgeman County]		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	1,400
FORMATION: MISSISSIPPIAN		Supervision	400
PERFORATIONS: OPEN HOLE: 4803' - 6447'			
TYPE OF JOB: INSTALL SUBMERSIBLE PUMP			
PRESENT ACTIVITY: RUN PUMP ON TUBING			
RIG TIME: 14	TOTAL TIME: 14		
SUPERVISOR: RON SCHRAEDER		DAILY COST:	1,800
PHONE: CELLULAR	316-772-6020	PREVIOUS COST:	-0-
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	1,800

## OPERATIONS:

FOUND WELL DEAD. REMOVED WELLHEAD AND MOTOR ASSEMBLY. PULLED ON RODS, RODS PARTED 30TH DOWN FROM SURFACE. UNSEATED AND REMOVED DOGNOT. UNABLE TO UNSEAT TUBING ANCHOR. SHEARED ANCHOR WITH 50,000# OVER STRING WEIGHT. PULLED TUBING TO GET TO TOP OF ROD STRING. UNSCREWED ROTOR FROM STATOR AND PULLED REST OF ROD STRING. UNLOADED RODS ON TO TRAILER TO TAKE IN TO GABLE LEASE SERVICE FOR STORAGE. PULLED REST OF TUBING STRING. LAID TUBING DOWN IN SINGLES TO PRESSURE TEST TUBING. SOME OF REDA EQUIPMENT ARRIVED ON LOCATION. SDFN.

JANICE -  
 MAXX PETROLEUM  
 HAS SENT THIS ADDITIONAL  
 INFORMATION. PLEASE  
 ATTACH TO ACO-1  
 THANKS JEFF

ATTACH TO  
 ACO-1'S IN LIB.  
 ALL REPORTS ARE  
 FOR ANTRIM COSSMAN  
 #1



## DAILY OPERATING REPORT

DATE: 10-23-98		DAILY COST SUMMARY	
DAY: 2		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: C SE SW Sec 7-T21S-R22W, Hodgeman County		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBD: 6447'	Service rig, Plains	1,800
FORMATION: MISSISSIPPIAN		Supervision	400
PERFORATIONS: OPEN HOLE: 4803' - 6447'		Tubing Testers	480
TYPE OF JOB: INSTALL SUBMERSIBLE PUMP		Fittings, National & Mallard	800
PRESENT ACTIVITY: INSTALLING ELECTRICAL POWER		Submersible, rental, installation, REDA	60,100
RIG TIME: 14	TOTAL TIME: 28	Hauling, roustabout, etc.	800
SUPERVISOR: RON SCHRAEDER		DAILY COST:	64,380
PHONE: CELLULAR	316-772-6020	PREVIOUS COST:	1,800
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	66,180

### OPERATIONS:

FOUND WELL DEAD. PUT ON COMPANION FLANGE WITH 7" NIPPLE TO HOLD REDA TUBINGHEAD. TESTED TUBING STRING TO 6,000#. ASSEMBLED REDA MOTOR AND PUMP SECTIONS AND RAN IN ON END OF TUBING STRING AS FOLLOWS:

1 EA- MOTOR: (540 SERIES, 200 HP, 2140 VOLT, 54 AMP, 60 HZ)	30.67	3733.16
1 EA-PROTECTOR: (540 SERIES, 66L TYPE, 1.187 SFT)	5.80	
1 EA-STANDARD INTAKE: (540 SERIES, 70 TYPE, 1.187 SFT)	1.20	
1 EA-PUMP: (540 SERIES, 53FL-CT, 114 STAGE GN3200, 100 HSG)	14.70	3680.79
1 EA-DISCHARGE HEAD (540 SERIES, 3½" OD 8RD EUE)	0.80	
1 EA-REDUCING NIPPLE (3½" X 2⅞")	0.90	3679.09
2 JT-2⅞" TUBING	63.39	
1 EA-FLUID CHECK	0.55	3615.15
2 JT-2⅞" TUBING	63.37	
1 EA-FLUID BLEEDER	0.50	3551.28
112 JT-2⅞" TUBING	3,542.28	
	<u>3,724.16</u>	
Distance H	9.00	
	<u>3,733.16</u>	

Banded power cable (Redalene, size 4, 5 KV, galvanized armor) to outside of tubing every 15'. Landed tubing in slips in tubinghead. Strung excess power cable from wellhead to control box on rental trailer. SDFN.

## DAILY OPERATING REPORT

DATE: 12-18-98		DAILY COST SUMMARY	
DAY: 1		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: C SE SW Sec 7-T21S-R22W, Hodgeman County		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	335
FORMATION: MISSISSIPPIAN			
PERFORATIONS: OPEN HOLE: 4803' - 6447'			
TYPE OF JOB: INSTALL SUBMERSIBLE PUMP			
PRESENT ACTIVITY: RUN PUMP ON TUBING			
RIG TIME: 3	TOTAL TIME: 3		
SUPERVISOR: RON SCHRAEDER		DAILY COST:	335
PHONE: CELLULAR	316-772-6020	PREVIOUS COST:	-0-
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	335

**OPERATIONS:**

FOUND WELL PUMPING. RIGGED UP PLAINS, INC. DOUBLE/TRIPLE. LEFT WELL PUMPING. SDFN.

RECEIVED  
 12 18 98 10 15 AM

## DAILY OPERATING REPORT

DATE: 12-21-98		DAILY COST SUMMARY	
DAY: 3		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: C SE SW Sec 7-T21S-R22W, Hodgeman County		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	815
FORMATION: MISSISSIPPIAN			
PERFORATIONS: OPEN HOLE: 4803' - 6447'			
TYPE OF JOB: RETRIEVE SUBMERSIBLE PUMP			
PRESENT ACTIVITY: RERUN TUBING IN WELL			
RIG TIME: 6½	TOTAL TIME: 22½		
SUPERVISOR: RON SCHRAEDER		DAILY COST:	815
PHONE: CELLULAR	316-772-6020	PREVIOUS COST:	4,300
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	5,115

**OPERATIONS:**

FOUND WELL DEAD. TOOK OFF COMPANION FLANGE. RAN IN TUBING STRING AS FOLLOWS:

1 EA-2½" SEATING NIPPLE	1.00	3554.78
112 JT-2½" TUBING	3,542.28	
1-DOG NUT	0.50	
	3,543.78	
DISTANCE H	11.00	
	3,554.78	

LANDED TUBING WITH DOG NUT IN FLANGED HEAD. PUT ON WELLHEAD. RELEASED RIG.

RECEIVED  
 PM 12/21/98  
 12/21/98

## DAILY OPERATING REPORT

DATE: 12-21-98		DAILY COST SUMMARY	
DAY: 2		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: C SE SW Sec 7-T21S-R22W, Hodgeman County		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	1,315
FORMATION: MISSISSIPPIAN		Supervision	500
PERFORATIONS: OPEN HOLE: 4803' - 6447'		Reda technicians, labor/mileage	1,350
TYPE OF JOB: RETRIEVE SUBMERSIBLE PUMP		Cable spooler, labor/mileage	800
PRESENT ACTIVITY: PULLING TUBING & PUMP			
RIG TIME: 13	TOTAL TIME: 16		
SUPERVISOR: RON SCHRAEDER		DAILY COST:	3,965
PHONE: CELLULAR	316-772-6020	PREVIOUS COST:	335
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	4,300

**OPERATIONS:**

CUT POWER TO SUBMERSIBLE. OPENED BLEEDER TO DRAIN FLUID FROM TUBING. PULLED TUBING WHILE CUTTING THE BANDS OFF THE ELECTRICAL CABLE. SPOOLED CABLE ON TO TRAILER PROVIDED BY REDA. LAID DOWN 112 JOINTS OF TUBING, DISCHARGE HEAD, PUMP SECTION, INTAKE, PROTECTOR, AND MOTOR SECTION OF SUBMERSIBLE. DISCONNECTED ELECTRICAL LINES AT DISCONNECT POST. SDFN.

12/21/98 10:50 AM  
 R. SCHRAEDER  
 316-772-6020



**DAILY OPERATING REPORT**

DATE: 8-19-98		DAILY COST SUMMARY	
DAY: 1		AFE No.	
WELL NAME: # 1 HZ		Antrim-Cossman	
LOCATION: SW/4 Sec 7-T21S-R22W		AMOUNT:	
TOTAL DEPTH: 6447'		PBSD: 6447'	
FORMATION: Mississippian Osage		TYPE OF SERVICE	
PERFORATIONS: Open hole: 4803' - 6447'		DOLLAR AMOUNT	
TYPE OF JOB: Repair 7" casing leak		Service rig, Plains	
PRESENT ACTIVITY: Running 7" bridge plug		Water, Schwein	
RIG TIME: 13		TOTAL TIME: 13	
SUPERVISOR: Ron Schraeder		Swab tank, Gable	
PHONE: cellular: 316-772-6020		Ks. Fishing Tools	
FAX: Plains, Inc. 785-798-2592		Supervision	
		DAILY COST: 2950	
		PREVIOUS COST: 0	
		CUMULATIVE COST: 2950	

**OPERATIONS:**

Found well dead. Removed wellhead and pulled rods. Removed dog nut and unset anchor. Pulled 90 joints of tubing and bottom hole pump assembly. All bottom hole equipment in good condition. Ran tubing with 7" scrapper to 3,806', did not feel any tight spots. Pulled tubing with scrapper. Shut well in over night.

## DAILY OPERATING REPORT

DATE: 8-20-98		DAILY COST SUMMARY	
DAY: 2		AFE No.	
WELL NAME: # 1 HZ	Antrim-Cossmann	AMOUNT:	
LOCATION: SW/4 Sec 7-T21S-R22W		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBD: 6447'	Service rig, Plains	1,750
FORMATION: Mississippian Osage		Log, Halliburton	2,250
PERFORATIONS: Open Hole: 4803' - 6447'		Tools, suprv.	2,000
TYPE OF JOB: Repair 7" casing leak		Pump trk., Swift	1,000
PRESENT ACTIVITY: Pull tubing		Supervision	400
RIG TIME: 14	TOTAL TIME: 27		
SUPERVISOR: Ron Schraeder		DAILY COST:	7,400
PHONE: Cellular:	316-772-6020	PREVIOUS COST:	2,950
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	10,350

### OPERATIONS:

Found well dead. Removed wellhead. Ran tubing with Model BV plug. Set plug at 3015'. Pressure well with water, hole in casing. Pump 1.75 BPM @ 750#. Wash three sacks of sand on to top of plug. Pull tubing. Run Bond log 3,800' to 640'. Squeeze job 1728-29' shows good cement bond from 1770' up to 1240'. Stage tool at 3057'. Run tubing with Halliburton retrievable packer. Found bottom hole between 3709' and 3741'. Have at least one other hole in the well, unable to find before dark. Shut well in over night.

## DAILY OPERATING REPORT

<b>DATE:</b> 8-21-98		<b>DAILY COST SUMMARY</b>	
<b>DAY:</b> 3		<b>AFE No.</b>	
<b>WELL NAME:</b> #1 HZ	Antrim-Cossman	<b>AMOUNT:</b>	
<b>LOCATION:</b> SW/4 Sec 7-T2S-R22W		<b>TYPE OF SERVICE</b>	<b>DOLLAR AMOUNT</b>
<b>TOTAL DEPTH:</b> 6447'	<b>PBTD:</b> 6447'	Service rig, Plains	1,750
<b>FORMATION:</b> Mississippian Osage		Tools, Supvr.	1,100
<b>PERFORATIONS:</b> Open Hole: 4803' - 6447'		Pump trk., Swift	570
<b>TYPE OF JOB:</b> Repair 7" casing leak		Water, Schwein	100
<b>PRESENT ACTIVITY:</b> Mix cement to squeeze		Supervision	400
<b>RIG TIME:</b> 14	<b>TOTAL TIME:</b> 41		
<b>SUPERVISOR:</b> Ron Schraeder		<b>DAILY COST:</b>	3,920
<b>PHONE:</b> Cellular:	316-772-6020	<b>PREVIOUS COST:</b>	10,350
<b>FAX:</b> Plains, Inc.	785-798-2592	<b>CUMULATIVE COST:</b>	14,270

**OPERATIONS:**

Found well dead. Removed wellhead. Pulled tubing with packer. Ran second Model BV plug, and Model RTTS packer. Set second plug at 3709'. Pull between 2 and 10 joints of tubing at a time while pressure testing the casing. Found hole between 1717' and 1749'--this is the area of the cement squeeze done during July (i.e. 1728-29'). Can pump into this hole at 1½ BPM at 750#. All other casing tested fine at 1,000# without leak-off. Good casing from surface to 1717'; 1749' to 3709'; 3749' to 3815' (bottom plug). We have not pressure tested any casing below 3815'. Pulled tubing with second plug and packer. Lower plug is still set at 3815' capped with 3 sacks of sand. Run tubing with cement retainer, set at 3679'. Sting out of retainer. Shut well in over night.

## DAILY OPERATING REPORT

DATE:	8-22-98	DAILY COST SUMMARY	
DAY:	4	AFE No.	
WELL NAME:	#1 HZ	Antrim-Cossman	AMOUNT:
LOCATION:	SW/4 Sec 7-T2S-R2W		TYPE OF SERVICE
TOTAL DEPTH:	6447'	PBTD: 6447'	DOLLAR AMOUNT
FORMATION:	Mississippian Osage		Service rig, Plains
PERFORATIONS:	Open Hole: 4803' - 6447'		Water trk., Schwein
TYPE OF JOB:	Repair 7" casing leak		Tools & cmt. squeeze
PRESENT ACTIVITY:	Waiting on Cement		Supervision
RIG TIME:	8	TOTAL TIME:	49
SUPERVISOR:	Ron Schraeder		DAILY COST: 11,370
PHONE: Cellular:	316-772-6020		PREVIOUS COST: 14,270
FAX: Plains, Inc.	785-798-2592		CUMULATIVE COST: 25,640

### OPERATIONS:

Found well dead. Removed wellhead. Stung into retainer. Mixed and pumped 100 sacks standard cement-1st 25 sacks with water loss additive. Pressure built slowly to 1,000# with 35 sacks into hole at 3709-41'. Stung out of retainer. Reverse out excess. Pull tubing and stinger. Run tubing with second EZ-drill cement retainer-set retainer at 1685'. Mix and pump 50 sacks standard cement-1st 25 sacks with water loss additive. Squeezed hole at 1717-49', pressured up to 800#. Stung out of retainer. Reverse out excess. Pulled tubing with stinger. Put on wellhead. Shut well in for 72 hours.

## DAILY OPERATING REPORT

<b>DATE:</b> 8-26-98		<b>DAILY COST SUMMARY</b>	
<b>DAY:</b> 5		<b>AFE No.</b>	
<b>WELL NAME:</b> #1 HZ		<b>AMOUNT:</b>	
Antrim-Cossman			
<b>LOCATION:</b> SW/4 Sec 7-T21S-R21W		<b>TYPE OF SERVICE</b>	
		<b>DOLLAR AMOUNT</b>	
<b>TOTAL DEPTH:</b> 6447'	<b>PBTD:</b> 6447'	Service rig, Plains	1,250
<b>FORMATION:</b> Mississippian Osage		Ks. Fishing Tools	900
<b>PERFORATIONS:</b> Open Hole: 4803' - 6447'		Supervision	400
<b>TYPE OF JOB:</b> Repair 7" casing leak			
<b>PRESENT ACTIVITY:</b> Drilling cement retainer			
<b>RIG TIME:</b> 10	<b>TOTAL TIME:</b> 59		
<b>SUPERVISOR:</b> Ron Schraeder		<b>DAILY COST:</b>	2,550
<b>PHONE:</b> Cellular	316-772-6020	<b>PREVIOUS COST:</b>	25,640
<b>FAX:</b> Plains, Inc.	785-798-2592	<b>CUMULATIVE COST:</b>	28,190

**OPERATIONS:**

Found well dead. Removed wellhead. Ran 6¼" bit, 4-drill collars and tubing to drill out cement retainer at 1685'. Tagged top of cement at 1675'. Drilled on cement retainer all day. Shut down for night.

## DAILY OPERATING REPORT

DATE: 8-27-98		<i>DAILY COST SUMMARY</i>	
DAY: 6		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: SW/4 Sec 7-T21S-R22W		<i>TYPE OF SERVICE</i>	<i>DOLLAR AMOUNT</i>
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig; Plains	1,250
FORMATION: Mississippian Osage		Power swivel (2 days)	1,500
PERFORATIONS: Open Hole: 4803' - 6447'		Ks. Fishing Tools	900
TYPE OF JOB: Repair 7" casing leak		Supervision	400
PRESENT ACTIVITY: Drilling cement			
RIG TIME: 10	TOTAL TIME: 69		
SUPERVISOR: Ron Schraeder		DAILY COST:	4,050
PHONE: Cellular	316-772-6020	PREVIOUS COST:	28,190
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	32,240

**OPERATIONS:**

Found well dead. Removed wellhead. Continued drilling on retainer at 1685'. Drilled through retainer into cement underneath. Still in cement at 1730'. Shut down for rain storm. SDFN.

## DAILY OPERATING REPORT

DATE: 8-28-98		DAILY COST SUMMARY	
DAY: 7		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: SW/4 Sec 7-T22S-R22W		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	1,625
FORMATION: Mississippian Osage		Power swivel	975
PERFORATIONS: Open Hole: 4803' - 6447'		Pressure truck	225
TYPE OF JOB: Repair 7" casing leak		Supervision	400
PRESENT ACTIVITY: Drilling cement retainer			
RIG TIME: 13	TOTAL TIME: 82		
SUPERVISOR: Ron Schraeder		DAILY COST:	3,975
PHONE: Cellular: 316-772-6020		PREVIOUS COST:	32,240
FAX: Plains, Inc.: 785-798-2592		CUMULATIVE COST:	36,215

**OPERATIONS:**

Found well dead. Removed wellhead. Drilled cement to 1743' (K.B.) before falling through. Run additional tubing and tagged top of cement for bottom squeeze at 3577'. Pressure test casing from surface to 3577' to 1,000#. Held pressure without leak-off for one-half hour. Drilled cement from 3577' to retainer at 3679'. Drilling on cement retainer last three hours. SDFN.

## DAILY OPERATING REPORT

DATE: 8-29-98		DAILY COST SUMMARY	
DAY: 8		AFE No.	
WELL NAME: #1 HZ	Antrim-Cossman	AMOUNT:	
LOCATION: SW/4 Sec 7-T21S-R22W		TYPE OF SERVICE	DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	1,875
FORMATION: Mississippian Osage		Power swivel	750
PERFORATIONS: Open Hole: 4803' - 6447'		Pressure truck	250
TYPE OF JOB: Repair 7" casing leak		Supervision	400
PRESENT ACTIVITY: Retrieving bridge plug			
RIG TIME: 15	TOTAL TIME: 97		
SUPERVISOR: Ron Schraeder		DAILY COST:	3,275
PHONE: Cellular:	316-772-6020	PREVIOUS COST:	36,215
FAX: Plains, Inc.	785-798-2592	CUMULATIVE COST:	39,490

**OPERATIONS:**

Found well dead. Removed wellhead. Drilled out cement retainer at 3679'. Drilled cement to 3715' (K.B.) then fell free. Ran additional tubing and tagged top of sand (on bridge plug) at 3806'. Pressure tested casing from surface to 3806' to 1,000# for one-half hour. Held pressure without leak-off. Pulled tubing with bit. SDFN.



# DAILY OPERATING REPORT

DATE: 8-30-98	DAILY COST SUMMARY		
DAY: 9	AFE No.		
WELL NAME: #1 HZ	Antrim-Cossman		AMOUNT:
LOCATION: SW/4 Sec 7-T22S-R22W	TYPE OF SERVICE		DOLLAR AMOUNT
TOTAL DEPTH: 6447'	PBTD: 6447'	Service rig, Plains	1,875
FORMATION: Mississippian Osage		Power swivel	150
PERFORATIONS: Open Hole: 4803' - 6447'		Tool man	250
TYPE OF JOB: Repair 7" casing leak		Supervision	400
PRESENT ACTIVITY: Put well into operation			
RIG TIME: 15	TOTAL TIME: 112		
SUPERVISOR: Ron Schraeder		DAILY COST:	2,675
PHONE: Cellular:	316-772-6020	PREVIOUS COST:	39,490
FAX: Plains, Inc.:	785-798-2592	CUMULATIVE COST:	42,165

## OPERATIONS:

Found well dead. Run tubing after finding well dead. Washed sand off top of retrievable plug. Pulled plug and tubing. Ran tubing and pump. Talled tubing string as follows:

2 jts- 2½" tubing as tailpipe	64.00	2998.83
1- anchor w/x-o collar, veriperme 50,000#	3.18	2934.83
1- tubing sub, 3½" w/x-o collar	4.13	
1- 4" tag bar	1.28	
1- stator, 4" (400TP1350)	28.85	2897.39
1- tubing sub, 3½" w/x-o collar	4.09	
1- tubing sub, 2¼"	4.09	
91- joints tubing, 2¼" w/dog-nut	<u>2878.21</u>	
	2987.83	
Distance H	<u>11.00</u>	
	2998.83	

Set anchor and landed dog nut with 20,000# tension. Installed pump wellhead and ran in rods and rotor as follows:

1-rotor (400TP1350)	29.89
2-1" plain rod, no guides	50.00
16-1" rods w/spin thru coupling guides	400.00
85-1" rods w/spin thru guides every 5th rod	2125.00
10-1" rods w/spin thru coupling guides	250.00
1-1" rod with spin thru guide	25.00
1-1" pony rods (4')	4.00
1-1½" by 30' polished rod	<u>30.00</u>
	2913.89

Assembled wellhead and drive motor. Started well to pumping to gunbarrel. Fluid to surface in 10 minutes. Well pumping at 47 amps. Left rig over well. Will check well in morning before releasing rig.

8-31-98. Found well pumping good stream of fluid. Released rig. Final report.