

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

Operator: License # 05236
Name Plains Resources, Inc.
Address 1601 NW Expressway
City/State/Zip Oklahoma City, OK 73118

Purchaser N/A

Operator Contact Person Michael Whitaker
Phone 405-842-2003

Contractor: License #
Name Empire Drilling Company

Wellsite Geologist Unknown
Phone

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

12-3-77 12-29-77 N/A 1-2-78
Spud Date Date Reached TD Completion Date

5275'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 261 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name Sun Oilwell Cementing
Invoice # 20648

057-20, 106-0000
API NO. 15-
County Ford
W/2 Sec. 25 Twp. 28S Rge. 23 East
2650 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

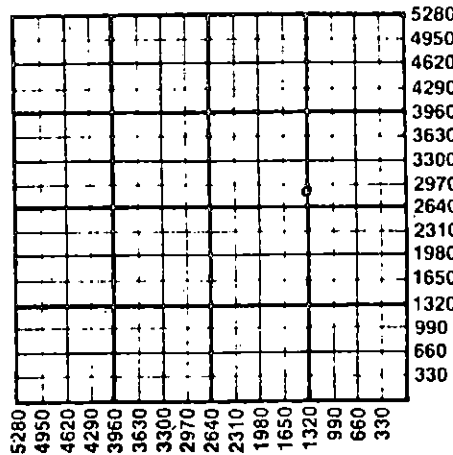
Lease Name Copeland Well # 1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2493' KB 2499'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring
NOT AVAILABLE

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Michael Whitaker
Title Production Manager Date 11-25-86

Subscribed and sworn to before me this 25th day of December 1986.

Notary Public Susan L. Lake

Date Commission Expires April 21, 1989

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep. NGPA
KGS Plug Other (Specify)

12-5-86
5 1986

Sec. 25 Twp. 28S Rge. 23E

Operator Name Plains Resources Inc. Lease Name Copeland Well # 1

Sec. 25 Twp. 28S Rge. A 23 East West County Ford

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

See attached DST #1 & #2 Reports

Name	Top	Bottom
Cretaceous	Surface	1478'
Stone Corral	1478'	1540'
Permian	1540'	2730'
Chase Group	2734'	2840'
Council Grove	3100'	
Neva	3302'	
Tarkio	3610'	
Heebner	4356'	
Lansing/Kansas City	4466'	4920'
Marmaton	4930'	
Morrow	5190'	
Spergen	5204'	
Mississippian	5287'	

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 3/4"	8 5/8"	14#	261'	Class A	250	3% CaCl
PERFORATION RECORD							
Shots Per Foot	Specify Footage of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
N/A	N/A			N/A			N/A
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
N/A		N/A		N/A		N/A	
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) <u>P & A</u>					
N/A							
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) P & A
 Used on Lease Dually Completed Commingled

FLUID SAMPLE DATA			Date	12-30-77	Ticket Number	324854
Sampler Pressure _____ P.S.I.G. at Surface	Recovery: Cu. Ft. Gas _____		Kind of Job	OPEN HOLE STRADDLE	Halliburton District	LIBERAL
cc. Oil _____	cc. Water _____		Tester	MR. BERRYHILL	Witness _____	
cc. Mud _____	Tot. Liquid cc. _____		Drilling Contractor	EMPIRE DRILLING COMPANY RIG #6 bjs		
Gravity _____ ° API @ _____ °F.	Gas/Oil Ratio _____ cu. ft./bbl.		EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____	Recovery Water @ _____ °F. _____ ppm		Formation Tested	Mississippian		
Recovery Mud @ _____ °F. _____ ppm	Recovery Mud Filtrate @ _____ °F. _____ ppm		Elevation	2493'	Ft.	
Mud Pit Sample @ _____ °F. _____ ppm	Mud Pit Sample Filtrate @ _____ °F. _____ ppm		Net Productive Interval	10'	Ft.	
Mud Weight 9.8 vis 80 sec			All Depths Measured From	Kelly Bushing		
			Total Depth	5285'	Ft.	
			Main Hole/Casing Size	7 7/8" 8 5/8"		
			Drill Collar Length	484' I.D. 2.26"		
			Drill Pipe Length	4694' I.D. 3.826"		
			Packer Depth(s)	5211'-5217'-5251'-5257'	Ft.	
			Depth Tester Valve	5193'	Ft.	

TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Cushion			1/4"	3/4"
Recovered	30 Feet of	drilling mud		
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			
Remarks	SEE PRODUCTION TEST DATA SHEET....			

CHARTS INDICATE PARTIAL PLUGGING OF ANCHOR PERFORATIONS DURING FINAL FLOW PERIOD....

TEMPERATURE	Gauge No. 7352	Gauge No. 7351	Gauge No.	TIME
	Depth: 5195' Ft.	Depth: 5243' Ft.	Depth: _____ Ft.	
Calc. 120 °F.	12 Hour Clock	12 Hour Clock	Hour Clock	Tool A.M.
Est. Blanked Off NO	Blanked Off YES	Blanked Off		Opened 6:00 P.M.
Actual °F.	Pressures	Pressures	Pressures	Opened A.M.
	Field Office	Field Office	Field Office	Bypass 9:30 P.M.
Initial Hydrostatic	2760	2894	2778	Reported Minutes
First Period Flow	Initial 18	32	45	Computed Minutes
	Final 24	63	54	
Closed in	1518	1525	1530	30 30
Second Period Flow	Initial 26	63	45	60 61
	Final 32	63	65	
Closed in	1330	1335	1335	60 60
Third Period Flow	Initial			
	Final			
Closed in				
Final Hydrostatic	UTR	2894	2762	

UTR = Unable to read.

DEC 5 1985

Legal Location Sec. - Twp. - Rng. 25 28 23
 Lease Name COPELAND
 Well No. 1
 Test No. 1
 Tested Interval 5217' to 5251'
 County FORD
 State KANSAS
 Lease Owner/Company Name PLAINS RESOURCES INCORPORATED

FLUID SAMPLE DATA				Date 12-31-77		Ticket Number 293173	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job STRADDLE		Halliburton District LIBERAL	
Recovery: Cu. Ft. Gas _____				OPEN HOLE TEST			
cc. Oil _____				BERRYHILL			
cc. Water _____				Tester AUSTON		Witness J. KENNEDY ?	
cc. Mud _____				Drilling Contractor		EMPIRE DRILLING COMPANY TH S	
Tot. Liquid cc. _____				EQUIPMENT & HOLE DATA			
Gravity _____ ° API @ _____ °F.				Formation Tested			
Gas/Oil Ratio _____ cu. ft./bbl.				Elevation 2488' GL - 2493' KB Ft.			
RESISTIVITY _____ CHLORIDE CONTENT _____				Net Productive Interval _____ Ft.			
Recovery Water _____ @ _____ °F. _____ ppm				All Depths Measured From Kelly Bushing			
Recovery Mud _____ @ _____ °F. _____ ppm				Total Depth 5287' Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Main Hole/Casing Size 7 7/8" 8 5/8"			
Mud Pit Sample _____ @ _____ °F. _____ ppm				Drill Collar Length 484' I.D. 2.25"			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Drill Pipe Length 4231' I.D. 3.826"			
Mud Weight 9.1 vis 60 sec				Packer Depth(s) 4748' - 4754' - 4766' - 4772' Ft.			
				Depth Tester Valve 4730' Ft.			
Cushion		TYPE AMOUNT		Depth Back Pres. Valve		Surface Choke 1/4" Bottom Choke 3/4"	
Recovered 10		Feet of drilling mud.					
Recovered 420		Feet of saltwater.					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks See Production Test Data Sheet . . .							
TEMPERATURE		Gauge No. 7352		Gauge No. 7351		Gauge No.	
Depth:		4732 Ft.		4736 Ft.		Ft.	
12 Hour Clock		12 Hour Clock		12 Hour Clock		TIME	
Est. °F.		Blanked Off NO		Blanked Off YES		Blanked Off	
Actual °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		2501 2575 2514				Tool Reported Computed	
Flow Initial		22 32 26				Minutes Minutes	
Flow Final		94 95 96				30 30	
Closed in		1563 1541 1567				60 60	
Flow Initial		105 95 110					
Flow Final		184 143 184				30 30	
Closed in		1554 1541 1559				60 59	
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		2503 2575 2535					
DEC 5 1977							

Legal Location Sec. - Twp. - Rng. 25 - 28 - 23
 Lease Name COPELAND
 Well No. 1
 Test No. 2
 Tested Interval 4754' - 4766'
 County FORD
 State KANSAS
 Lease Owner/Company Name PLAINS RESOURCES INCORPORATED