

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 # 4459
Name Agate Petroleum, Inc.
Address 1301 Fourth National Bldg.
City/State/Zip Tulsa, Oklahoma 74119

Purchaser: None

Operator Contact Person E.L. Snider
Phone 918/585-9016

Contractor: License # 5421
Name Sage Drilling Co., Inc.

Wellsite Geologist Ray Palmer
Phone 316/772-9090

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

8-30-85 9-8-85 9-9-85
Spud Date Date Reached TD Completion Date
4650' N/A
Total Depth PBTD

423' set in @ 430 RKB
Amount of Surface Pipe Set and Cemented at...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

API NO. 15-135-22,912-0000

County Ness

S/2 SW/4 SW/4 Sec. 31 Twp. 16S Rge. 26 East West
Irregular Section

330 Ft North from Southeast Corner of Section
4460 Ft West from Southeast Corner of Section

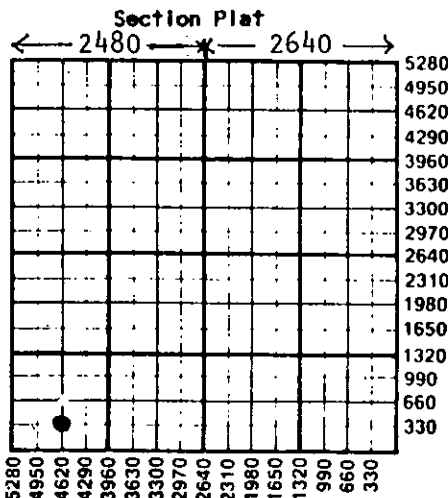
(Note: Locate well in section plat below)

Lease Name Arnold Well # 1-31

Field Name Little Blue

Producing Formation None

Elevation: Ground 2651' KB 2658'



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 of 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) Hauled Water (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 E.L. Snider
Vice President 9-18-85

Subscribed and sworn to before me this 18th day of September 1985

Notary Public Frances M. Delpha

9-17-88

Date Commission Expires

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)
RECEIVED
STATE CORPORATION COMMISSION

Form ACO-1 (7-84)
SEP 20 1985
9-20-85
CONSERVATION DIVISION
Wichita, Kansas

Sec 31 Twp 16S Rge 26W

SIDE TWO

Operator Name Agate Petroleum, Inc. Lease Name..... Arnold Well #..... 1-31

Sec..... 31 Twp..... 16S Rge..... 26 East West County..... Ness

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.

Copy of Log filed 9-10-85

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

	Top	Bottom	Name	Top	Bottom
DST #1: 30/30/30/30. Rec. 15' sll. watery mud. IHP: 1989#; IFP: 107-81#; ISIP: 614#; FFP: 110-84#; FSIP: 588#; FHP: 1974#	4110	4140	Stone Corral	2062	2092
DST #2: 30/60/60/60. Rec. 530' Sll Oil specked SW (52000 Cl). IHP: 2149#; IFP: 105-127#; ISIP: 581#; FF%: 241-28#; FSIP: 570#; FHP: 2073#.	4205	4250	Heebner	3914	3922
DST #3: 30/60/60/60. Rec. 300' GIP, 62' OCM (22% oil), 120' VSOCM (2% oil) IHP: 2173#; IFP: 117-104#; ISIP: 600#; FFP: 139-135#; FSIP: 513#; FHP: 2090#.	4235	4270	Toronto	3935	3954
DST #4: 30/60/60/60. Rec. 20' M w/ scum oil. IHP: 2096#; IFP: 117-90#; ISIP: 96#; FFP: 95-98#; FSIP: 98#; FHP: 2083#	4307	4340	Lansing	3954	4314
DST #5: 30/60/60/60. Rec. 360' SLCMyW, 3' clean oil on top. IHP: 2339#; IFP: 95-99#; ISIP: 754#; FFP: 176-196#; FSIP: 633#; FHP: 2295#	4580	4596	Marmaton	4314	4464
			Ft. Scott	4464	4491
			Cherokee	4491	4547
			Mississippi	4547	4560
			Mississippi Lime	4560	4650
			T.D.	4650	

CASING RECORD <input checked="" 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"	8-5/8"	23#	430'	Light	700	2% CC + 1/4#/sx Flocete
				plus	Class A	750	2% CC + 1/4#/sx Flocete
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

28-2-1