

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

Operator: License # 5952Name: Amoco Production CompanyAddress PO Box 800 Room 924City/State/Zip Denver, CO 80201Purchaser: N/AOperator Contact Person: Susan R. PottsPhone (303) 830-5323Contractor: Name: HalliburtonLicense: N/AWellsite Geologist: N/A

Designate Type of Completion

 New Well Re-Entry X Workover

 Oil X SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Amoco Production CompanyWell Name: Shore Gas Unit /B/ 4-22Comp. Date 9/1/95 Old Total Depth 5840'

 Deepening X Re-perf. Conv. to Inj/SWD
 X Plug Back 4408' PBDT
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

6/10/96 6/17/96
 Start Date of Workover Date Reached TD Completion Date of Workover

API NO. 15- 187-20725-0002County Stanton - C - SW - SW Sec. 22 Twp. 29S Rge. 39 X W 660 Feet from S (circle one) Line of Section 4620 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE , NW or SW (circle one)Lease Name Shore /B/ Well # 4-22Field Name Sand ArroyoProducing Formation Lansing/Kansas CityElevation: Ground 3182' KB 3194'Total Depth 5840' PBTD 4408'Amount of Surface Pipe Set and Cemented at 1741' FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 2950 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK # 11-5-96
(Data must be collected from the Reserve Pit)
N/AChloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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 Susan R. PottsTitle Senior Staff Assistant Date 10/7/96Subscribed and sworn to before me this 7th day of October, 19 96.Notary Public Devin L. HarrisDate Commission Expires 11-10-96

K.C.C. OFFICE USE ONLY
 F Letter of Confidentiality Attached
 C Wireline Log Received
 C 7 Geologist Report Received
 ✓ KCC SWD/Rep J NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Amoco Production Company Lease Name Shore /B/ Well # 4-22
 Sec. 22 Twp. 29S Rge. 39 ☐ East ☒ West
 County Stanton

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:

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Glorietta Base	1732'	KB
Chase	2270'	
Council Grove	2571'	
Lansing	3865'	
Marmaton	4470'	
Morrow	5182'	
Morrow Marine	5447'	
St. Genevieve	5614'	
St. Louis 'B'	5712'	

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	12.25"	8.625"	24	1741'	Halliburton Lite	600	2%CC+1/4#Flocele
Production-1st Stage	7.875"	5.5"	14	5840'	Premium Plus	150	2%CC+1/4#Flocele
					Premium	400	7%EA-2, 2%CC, 1/4
Production-2nd Stage	7.875"	5.5"	14	2950'	Premium Plus	50	D-Air, Halad-9, 15% Salt
					Halliburton Lite	410	1/4# Flocele

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
4	5725-5730'; 5456-5468'; Set CIBP at 5000' (from March completion report)	Acidize w/145 bbls. 15% HCL, flush w/	3982-4312'
4	4548-4558'; Set CIBP at 4380'	25 bbls. 2% potassium chloride	
4	3982-3996'; 4016-4036'; 4060-4080'; 4108-4128';		
	4230-4250'; 4272-4292'; 4292-4312'		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2.375" SDT 1510 T&C		3923'	3923'		
Date of First, Resumed Production, SMD or Inj. First SMD 9/4/96	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Disposal Well <input type="checkbox"/> Other (Explain)				
Estimated Disposal Per 24 Hours	Oil Bbls.	Gas Mcf	Water 493 BWPD	Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Disposal Interval
☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 3982-4312'
 (If vented, submit ACO-18.) ☐ Other (Specify) _____