

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 # 5952
name Amoco Production Company
address P.O. Box 432
City/State/Zip Liberal, KS 67901

Operator Contact Person Larry L. Smith
Phone 316-624-6241

Contractor: license # 6497
name Midwest Casing Pulling Service

Wellsite Geologist N/A
Phone

Designate Type of Completion

New Well Re-Entry Workover

Oil P&A'ed SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
6-17-77
4-18-77 4-28-77 Dry Hole 7-23-87
Spud Date Date Reached TD Completion Date

5100 5000
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1586 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. 15-175-20309-0000

County Seward

SE SW (location) Sec 15 Twp 32S Rge 33 West

660 Ft North from Southeast Corner of Section
3400 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

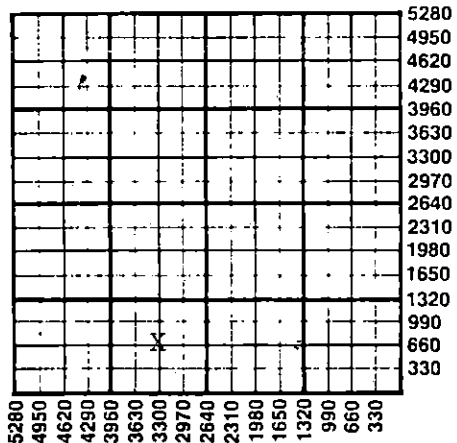
Lease Name Hattie Jones Well# 1

Field Name Lemert

Producing Formation Marmaton

Elevation: Ground 2776 KB 2785

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # N/A

Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal
 Repressuring

Docket #

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. Rules 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 Larry L. Smith
Date 8-5-87

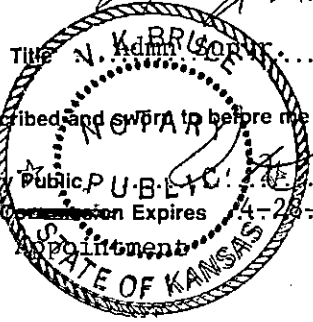
Subscribed and sworn to before me this 5th day of August 19 87

Notary Public P. U. B. L. C. V. K. Bruce
Date Commission Expires 4-28-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC/ATEL SWD/Rep NGPA
 KGS Plug Other
AUG 7 1987

Form ACO-1 (This form supercedes previous forms ACO-1 & C-10) 8-7-87

Sec. 15 Twp. 32 Rge. 33



Operator Name Amoco Production Co. Lease Name Hattie Jones Well# 1 SEC. 15 TWP. 32S RGE. 33 East West

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

Red Bed	0	925
Red Bed, Sand, Anhydrite	925	1590
Anhydrite, Shale	1590	2329
Shale	2329	3094
Shale, Lime, Dolomite	3094	3787
Shale, Dolomite, Chalk	3787	4364
Dolomite, Lime, Shale	4364	4947
Shale, Lime	4947	5050
Shale	5050	5100
TD	5100	

Name	Top	Bottom
Gamma Neutron	1592	5052

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	24	1586	Class H	900	Howco 3% CACL
Production	7-7/8	5-1/2	14	5118	Special	275	Howco 18% Salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	5011-20, 5026-32	Acidize w/1200 Gal. 15% MCA	5011-5032
	4890-4894	Acidize w/1000 Gal. 15% MCA	4890-4894
	4874-4876	Acidize w/600 Gal. 15% NEA	4758-63
	4910-4912	Squeeze w/100 sxs. cement	4766-72
	4758-4763		4890-4894
	4766-4772		4874-4876

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	P&A	set at	packer at		

Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) P&A				
Dry Hole	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	P&A MCF	Bbls	CFPB	

Disposition of gas: vented open hole perforation sold other (specify) P&A used on lease other (specify) P&A

METHOD OF COMPLETION: Dually Completed. Commingled

PRODUCTION INTERVAL: P&A