

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 # 5469
name Anadarko Production Co.
address P.O. Box 351
Liberal, Kansas 67901
City/State/Zip

Operator Contact Person Paul Campbell
Phone 316-624-6253

Contractor: license # 7860
name Johnson Drilling Company

Wellsite Geologist NA
Phone
Purchaser Anadarko Production Co. (CRS)

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 Anadarko Production Co.
Well Name Morlan "A" 4
Comp. Date 11/13/79 Old Total Depth 6290

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9/17/79 9/27/79 11/13/79
Spud Date Date Reached TD Completion Date

6290 6185
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 1673' 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 - 175-20,420-0000
County Seward
SW SW Sec 21 Twp 33S Rge 34 East
(location) West

660 Ft North from Southeast Corner of Section
4626.6 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

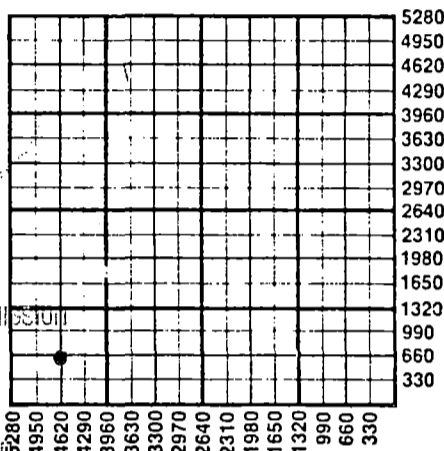
Lease Name Morlan "A" Well# 4

Field Name Shuck

Producing Formation Morrow

Elevation: Ground 2918 KB 2929

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
NOV 28 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # NA
 Groundwater... NA Ft North From Southeast Corner and
(Well) Ft West From Southeast Corner of
Sec Twp Rge East West
 Surface Water... NA Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain) NA
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # NA

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 Paul Campbell
Title Division Operations Manager Date 11/26/84

Subscribed and sworn to before me this 26th day of November 19 84

Notary Public Beverly J. Williams

Date Commission Expires 11/21/86
BEVERLY J. WILLIAMS
Seward County, Kansas
My Exp. Exp. 11/21/86

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)

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

Sec. 21 Twp. 33 Rge. 34 W

SIDE TWO

Operator Name ... Anadarko Production Co Lease Name Morlan "A" Well# 4 SEC 21 TWP 33S 34 East West County:-

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

Name	Top	Bottom
Sand	0'	580'
Redbed	580'	1068'
Shale	1068'	1675'
Lime & Shale	1675'	2541'
Shale	2541'	3024'
Lime & Shale	3024'	6291'

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	1673	pozmix	600	4% gel 3% cacl
					Common	200	3% cacl
Production	7 7/8"	4 1/2	10.5	6290	Pozmix Litewate	175 75	.05% CFR-2 4% gel
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	6227-36'			A/500 gal 7 1/2% MS Acid			6227-36
2	5922-40			F/15,500 gal Titan III+15000#20/40sd			6227-36
				A/1500 gal 7 1/2% MCA			5922-40
				F/20,000 gal 70 Quality Foam, 1700# 20/40 sd			5922-40
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
WOPL		<input checked="" 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		
	0 Bbls	222 MCF	0 Bbls				

Disposition of gas: vented
 sold to be sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

PRODUCTION INTERVAL

5922-40'

Dually Completed.
 Commingled