11-35-35W

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

API NO. 15-189-20870

County Stevens

C SE NW Sec. 11 Twp. 35 Rge. 35 [ ] East [X] West

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

Lease Name Mahoney Well # 3-11

Field Name Wide Awake

Producing Formation Morrow

Elevation: Ground 2957 KB 2969

DESCRIPTION OF WELL AND LEASE

Operator: License # 5182
Name Southland Royalty Company
Address 1601 N.W. Expressway, St. 1301
Oklahoma City
City/State/Zip Oklahoma 73118

Purchaser Northern Natural

Operator Contact Person T.R. Willie
Phone 405/842-2755

Contractor: License # 7345
Name Triad Drilling Company

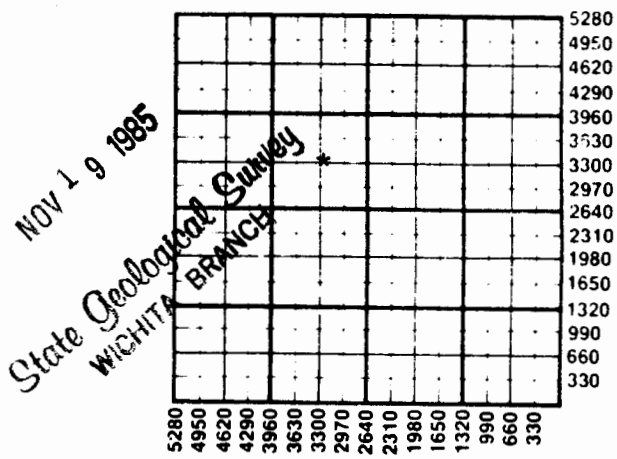
Wellsite Geologist Allan Middleman
Phone 303/534-0286

Designate Type of Completion
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[XX] 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

Section Plat



NOV 19 1985
State Geological Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION
Disposition of Produced Water: [ ] Disposal
Docket # [ ] Repressuring

WELL HISTORY

Drilling Method:
[XX] Mud Rotary [ ] Air Rotary [ ] Cable

9-20-85	10-1-85	10-30-85
Spud Date	Date Reached TD	Completion Date

6500'	6404'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 1714 feet
Multiple Stage Cementing Collar Used? [ ] Yes [XX] No
If yes, show depth set feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

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

Source of Water:
Division of Water Resources Permit #

[XX] Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
SE SE NW Sec 11 Twp 35S Rge 35 [ ] East [XX] 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.

SIDE TWO

Operator Name Southland Royatly Company Lease Name Mahoney Well # 3-11

Sec. 11 Twp. 35S Rge. 35 [ ] East [XX] West County Stevens

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	0 Bbls	800 MCF	0 Bbls	-- CFPB	--

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

Formation Description
[XX] Log [ ] Sample

Name	Top	Bottom
Marmaton	4815'	
Cherokee	5380'	
13-Finger Lime	5886'	
Morrow	5929'	
Lower Morrow	6237'	
Chester	6309'	

METHOD OF COMPLETION

Disposition of gas: [ ] Vented [XX] Sold [ ] Used on Lease

[ ] Open Hole [XX] Perforation
[ ] Other (Specify) .....
[ ] Dually Completed

Production Interval
6240-50'
6282-92'

CASING RECORD [XX] 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	12-1/4"	8-5/8"	24#	1714'	Lite	600	
					Class H	200	
Production	7-7/8"	4-1/2"	11.6#	6470'	50/50POZ	325	
					Class H	100	

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated
1	6240-50'
1	6282-92'

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)	Depth
Fracd w/26,000 gal gelled diesel + 18,000# 20/40 sd + 20,000#	10/20 sd

TUBING RECORD Size 2-3/8" Set At 6380' Packer at None

Liner Run [ ] Yes [XX] No

Date of First Production: SI WOPL

Producing Method: [X] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain).....