

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 # 9783
Name Santa Fe Minerals, a Division of
Address Santa Fe International Corporation
13455 Noel Road, Suite 1100
City/State/Zip Dallas, TX 75240

Purchaser Oklahoma Gas Pipeline Co.

Operator Contact Person Jim LaFavers
Phone (214) 701-7588

Contractor: License # 05382
Name Cheyenne Drilling Co.

Wellsite Geologist Gayle Tapp
Phone (918) 561-7206

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..11/29/88. 12/3/88..... 2-27-89.....
Spud Date Date Reached TD Completion Date
...2870..... 2810.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 749 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
Cement Company Name
Invoice #

API NO. 15-.....175-21053-06-00.....
County Seward
NW/4 33 34S 34 ~~34~~ West

3929... Ft North from Southeast Corner of Section
4005... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

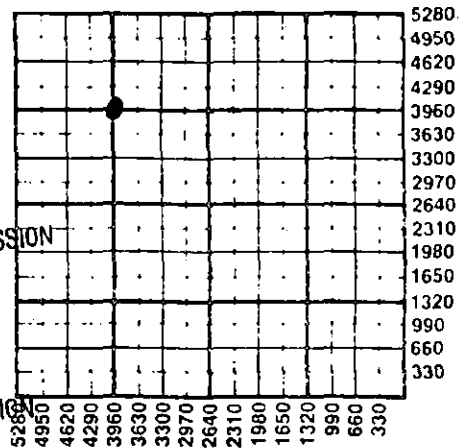
Lease Name...Thelma Stephens.....Well #.....?

Field Name.....Hugoton.....

Producing Formation.....Chase.....

Elevation: Ground.....2909.....KB.....2918

Section Plat



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MAR 13 1989
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

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 in
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Jim LaFavers
Title Engineering Technician Date 3-9-89

Subscribed and sworn to before me this 9th day of March 1989
Notary Public Julie Anne Taylor

Date Commission Expires Julie Anne Taylor
Notary Public State of Texas
My Commission Expires June 16, 1990

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)
3-13-89
Form ACO-1 (5-86)

Sec 34
Page 34/40

SIDE TWO

Operator Name ...Santa Fe Minerals, Inc..... Lease Name...Thelma Stephens..... Well #.....2..

Sec.....33... Twp...34S... Rge...34..... East West County...Seward.....

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

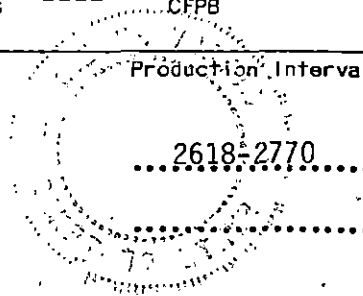
Formation Description
 Log Sample

Name	Top	Bottom
Glorietta	1128'	1614'
Tubb	1614'	1684'
Red Cave	1684'	2215'
Wellington	2215'	2624'
Chase	2624'	

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	749	Class C	400	2% CaCl
Production	7-7/8	5-1/2	15.5	2870	Class H	460	2% CaCl
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	Herington	2,618'-2,648'		4000 gals	15% HCL		2618-2648
1	U. Krider	2,658'-2,680'		4500 gals	28% HCL		2658-2680
2	L. Krider	2,690'-2,728'		8000 gals	28% HCL		2690-2728
2	Winfield	2,749'-2,770'		4500 gals	28% HCL		2749-2770
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2-3/8	2803	None			
Date of First Production		Producing Method					
2-27-89		<input type="checkbox"/> Flowing <input checked="" 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		388 MCF	12 Bbls			CFPB	

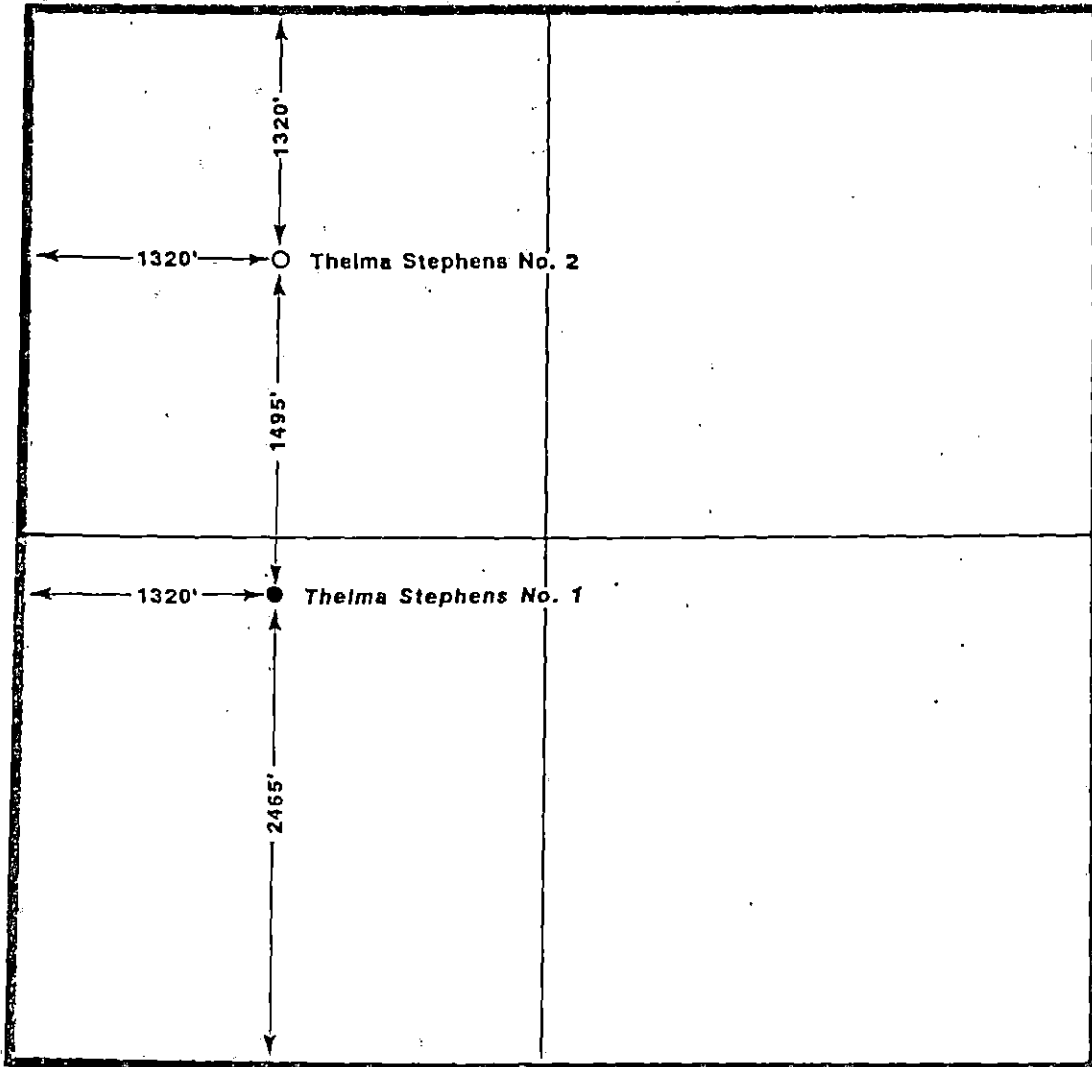
METHOD OF COMPLETION

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



County SEWARD State KANSAS

Township 34S Range 34W Section 33



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MAR 13 1989

CONSERVATION DIVISION
Wichita, Kansas

SF Santa Fe Minerals, Inc. <small>A DIVISION OF SANTA FE INTERNATIONAL CORPORATION Two Eastern Street • 19890 Santa Fe • New Mexico • Phone: 313-433-0000</small>	
LOCATION PLAT	
DALLAS	Drawn By: _____ Date: _____
GEOL. DEPT.	FILE NO. _____
DATE: _____	DATUM: _____
CONTOUR INT.: _____	SCALE: 1" = 1000' FILE NO. _____

TOPOGRAPHIC LAND SURVEYORS

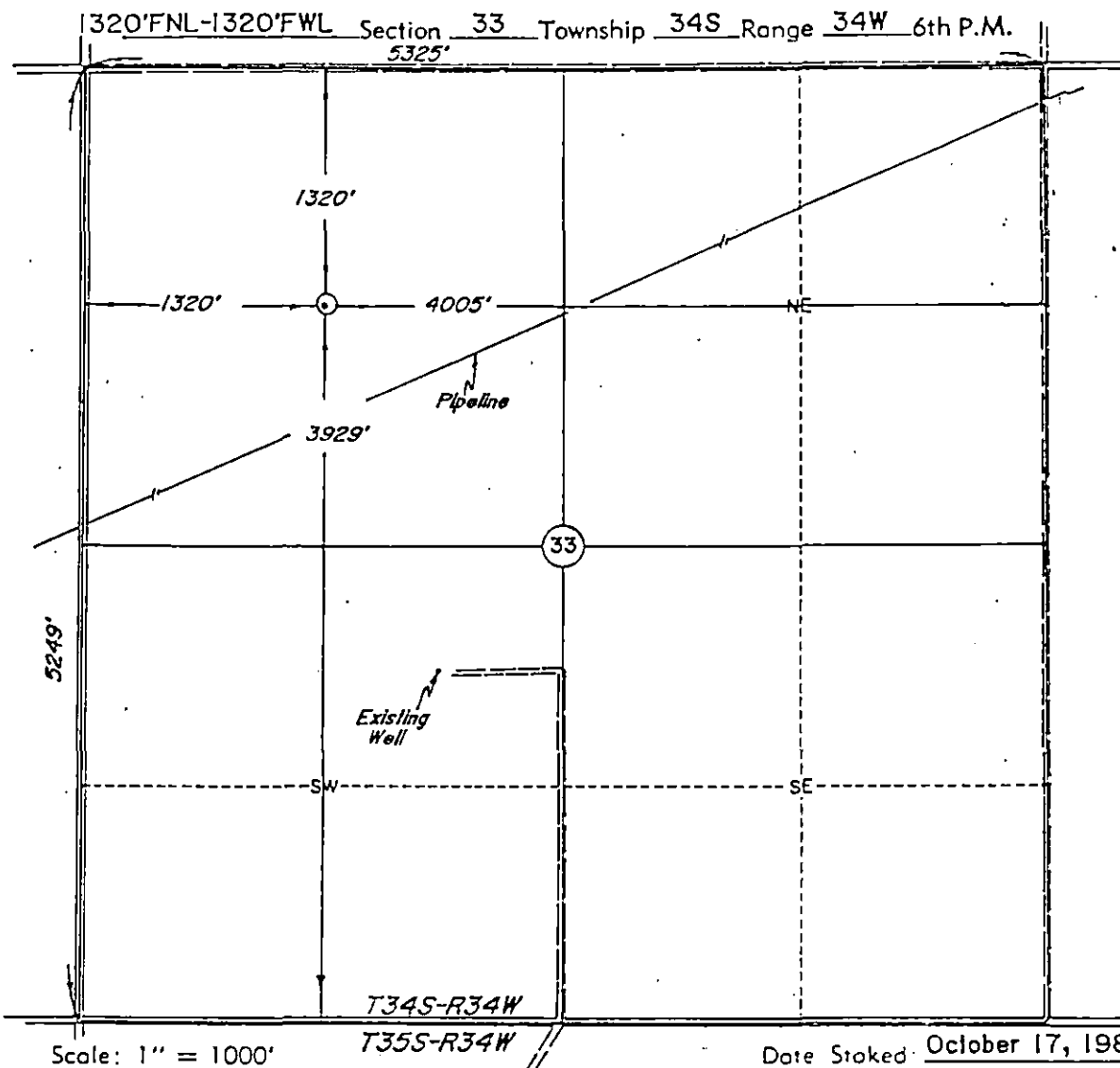
Surveying and Mapping for the Energy Industry

1006-E. 17TH ST. • HAYS, KANSAS 67601

TELEPHONES: LOCAL (913) 625-2663 • OKLA. WATS (800) 522-4273 • OUT OF STATE WATS (800) 654-3219

SEWARD

County, Kansas



Scale: 1" = 1000'

Date Staked: October 17, 1988

This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed.

Review this plat and notify us immediately of any possible discrepancy.

Operator: SANTA FE MINERALS

Lease Name: Thelma Stephens Well No.: 2

ELEVATION:

2909' Gr. at Stake

Topography & Vegetation Location fell in sorghum field.

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STATE CORPORATION COMMISSION

Good Drill Site? Yes Reference Stokes or Stakes Set none Alternate Location

MAR 13 1989

Best Accessibility to Location From West.

CONSERVATION DIVISION
Wichita, Kansas

Distance & Direction from Hwy Jct or Town. From Jct. 2nd Street & Western (South side of Liberal), go 5 miles West & 2 miles North to the Northwest Corner of Section 33, T34S-R34W.

CERTIFICATE:

I, Douglas L. Carlson a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Douglas L. Carlson

Kansas Reg. No. 715

