

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
Address Two Galleria Tower
13455 Noel Rd., Suite 1100
City/State/Zip Dallas, Texas 75240

Purchaser Oklahoma Gas Pipeline Co.

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

Contractor: License # 05382
Name Cheyenne Drilling Company

Wellsite Geologist Hershel Hinkle
Phone (918) 561-7215

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-27-87 6-30-87 8-10-87
Spud Date Date Reached TD Completion Date
3000' 2943'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 762 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. 15-175-20959 500-00
County Seward
NW Sec. 16 Twp. 34 Rge. 34 East West

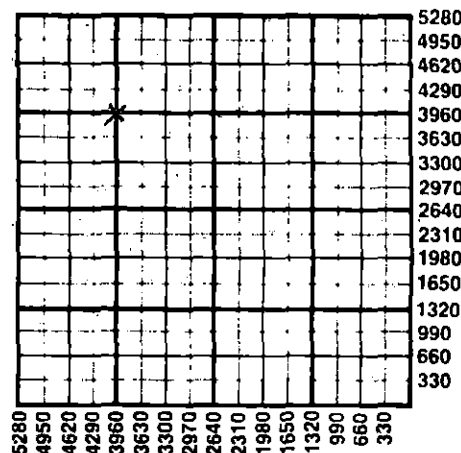
3960 Ft North from Southeast Corner of Section
3960 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name H. H. Dunlap Well # 2

Field Name Hugoton (Kansas)

Producing Formation Chase

Elevation: Ground 2949 KB 2958
Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 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.

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 James B. LaFavers Jr.
Title Engineering Technician Date 8-12-87

Subscribed and sworn to before me this 17th day of August 1987.
Notary Public Barbara D. Anderson

Date Commission Expires BARBARA D. ANDERSON
Notary Public State of Texas
My Commission Expires June 29, 1989

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Other (Specify)
STATE CORPORATION COMMISSION
8-17-87
AUG 17 1987

Sec 16, Twp 34, Rge 34

SIDE TWO

Operator Name Santa Fe Minerals, Inc. Lease Name H. H. Dunlap Well # 2

Sec. 16 Twp. 34 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
Blaine Gypsum	997'	
Glorietta Sand	1,164'	
Base Glorietta	1,318'	
Tubbs (Stone Corral)	1,642'	
Red Cave	1,710'	
Wellington	2,233'	
Hollenberg	2,569'	
Chase Group	2,616'	
Herington	2,634'	
Upper Krider	2,656'	
Lower Krider	2,689'	
Odel	2,730'	
Winfield	2,742'	
Gage	2,782'	
Towanda	2,797'	
Holmesville	2,847'	
Fort Riley	2,852'	
Oketo	2,901'	

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	12-1/4	8-5/8	24#	760'	Lite	180	2% CACL
Production	7-7/8	5-1/2	15.5	3000'	Class C HLC "C" Thickset	100 385 180	2% CACL 2% CACL 5% KCL

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	Herington 2644' - 2626'	2,700 gals. 15% HCL acid	2644-2626
2	U. Krider 2668' - 2656'	8,100 gals. 15% HCL acid	2668-2656
1	L. Krider 2714' - 2672'	8,100 gals. 15% HCL acid	2714-2672
2	Winfield 2770' - 2742'	4,200 gals. 15% HCL acid	2770-2742

TUBING RECORD Size 2-3/8" Set At 2822' Packer at NONE Liner Run Yes No

Date of First Production 8-10-87 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	0	168	11	0	NA

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2626' - 2770'
 Used on Lease Dually Completed Commingled