

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-175-21055-00-00

County Seward

SE SE 31 Sec. 34 S Twp. 34 Rge. X West

4036 Ft North from Southeast Corner of Section

4077 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

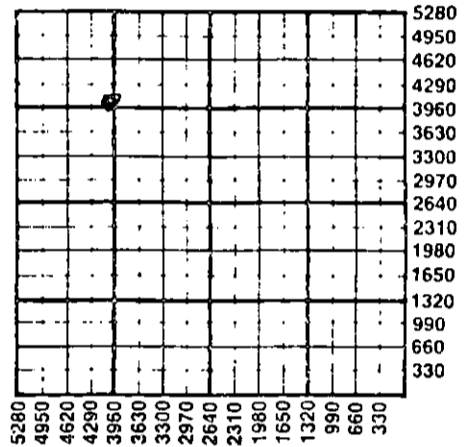
Lease Name O. F. Dowdy Well #. 7

Field Name Hugoton

Producing Formation Chase

Elevation: Ground 2951 KB 2960

Section Plat



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 # 05832
Name Cheyenne Drilling Co

Wellsite Geologist Gayle Tapp
Phone (918) 561-7206

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

If OWNO: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
..11-25-88.. ..11-28-88...3-10-89..
Spud Date Date Reached TD Completion Date
..2870'..... ..2799'.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 750 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #

RECEIVED
STATE CORPORATION COMMISSION
MAY 23 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
X 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 3/20/89

Subscribed and sworn to before me this 20 day of March 1989
Notary Public Sandra Harper
Date Commission Expires 7-16-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
KCC SWD/Rep NGFA
KGS Plug Other (Specify)
3-23-89
Form ACO-1 (5-86)

Sec. 31, Twp. 34, Rge. 34 W

Operator Name Santa Fe Minerals Lease Name O. F. Dowdy Well # 7

Sec. 31 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

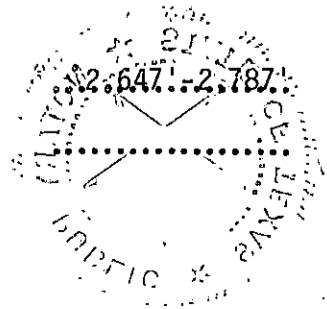
Name	Top	Bottom
Glorietta	1,162'	
Tubb	1,636'	
Red Cave	1,696'	
Wellington	2,232'	
Chase	2,645'	

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	750	Class C	400	2% CaCl
Production	7-7/8	5-1/2	15.5	2870	H&C	470	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 2,647'-2,670'			4600 gals 15% HCL		2647-2670	
2	U. Krider 2,681'-2,704'			4600 gals 28% HCL		2681-2704	
1	L. Krider 2,714'-2,751'			7500 gals 28% HCL		2714-2751	
2	Winfield 2,761'-2,787'			5200 gals 28% HCL		2761-2787	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
3/10/89		<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	644 MCF	9 Bbls	---	---	

METHOD OF COMPLETION

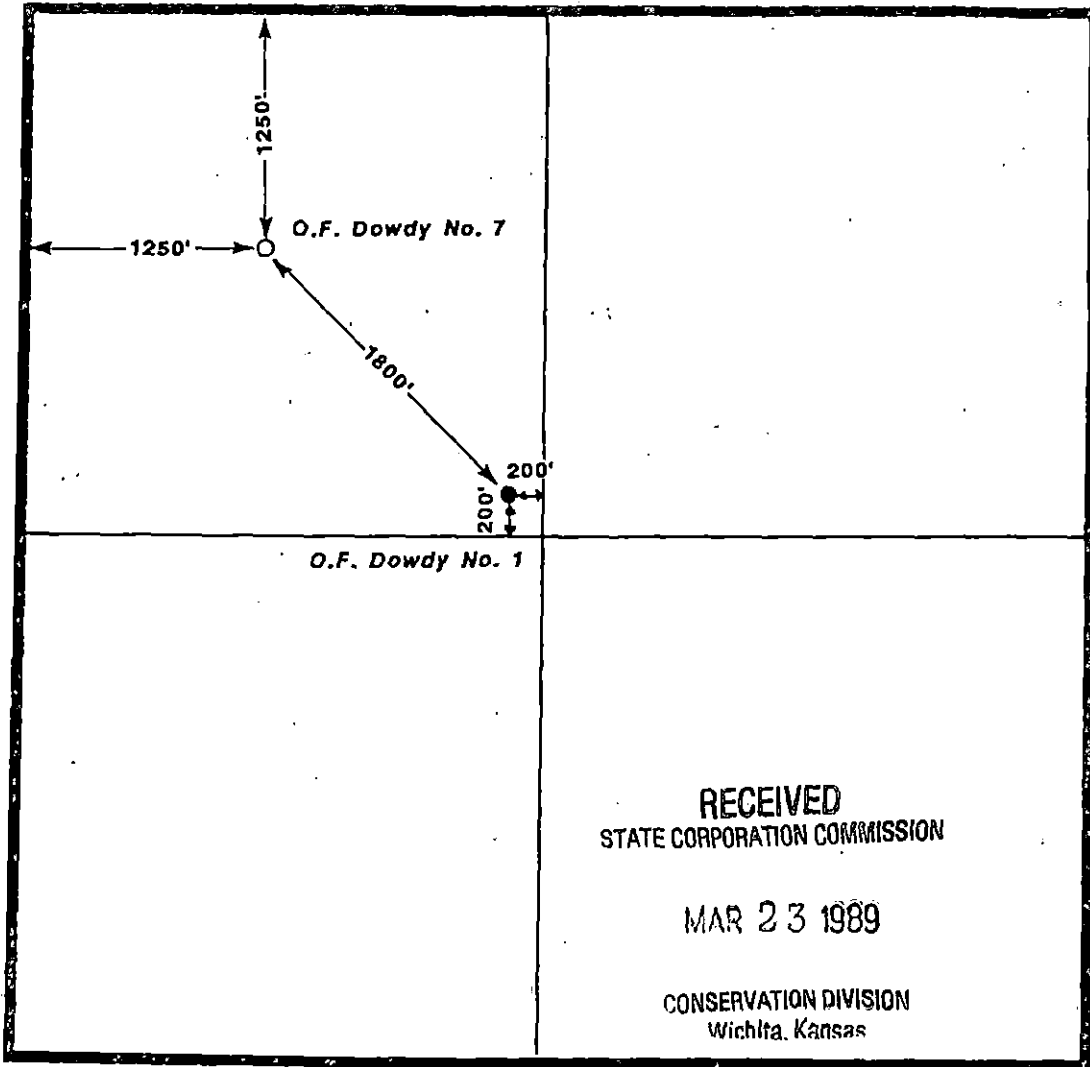
Production Interval

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



County SEWARD State KANSAS

Township 34S Range 34W Section 31



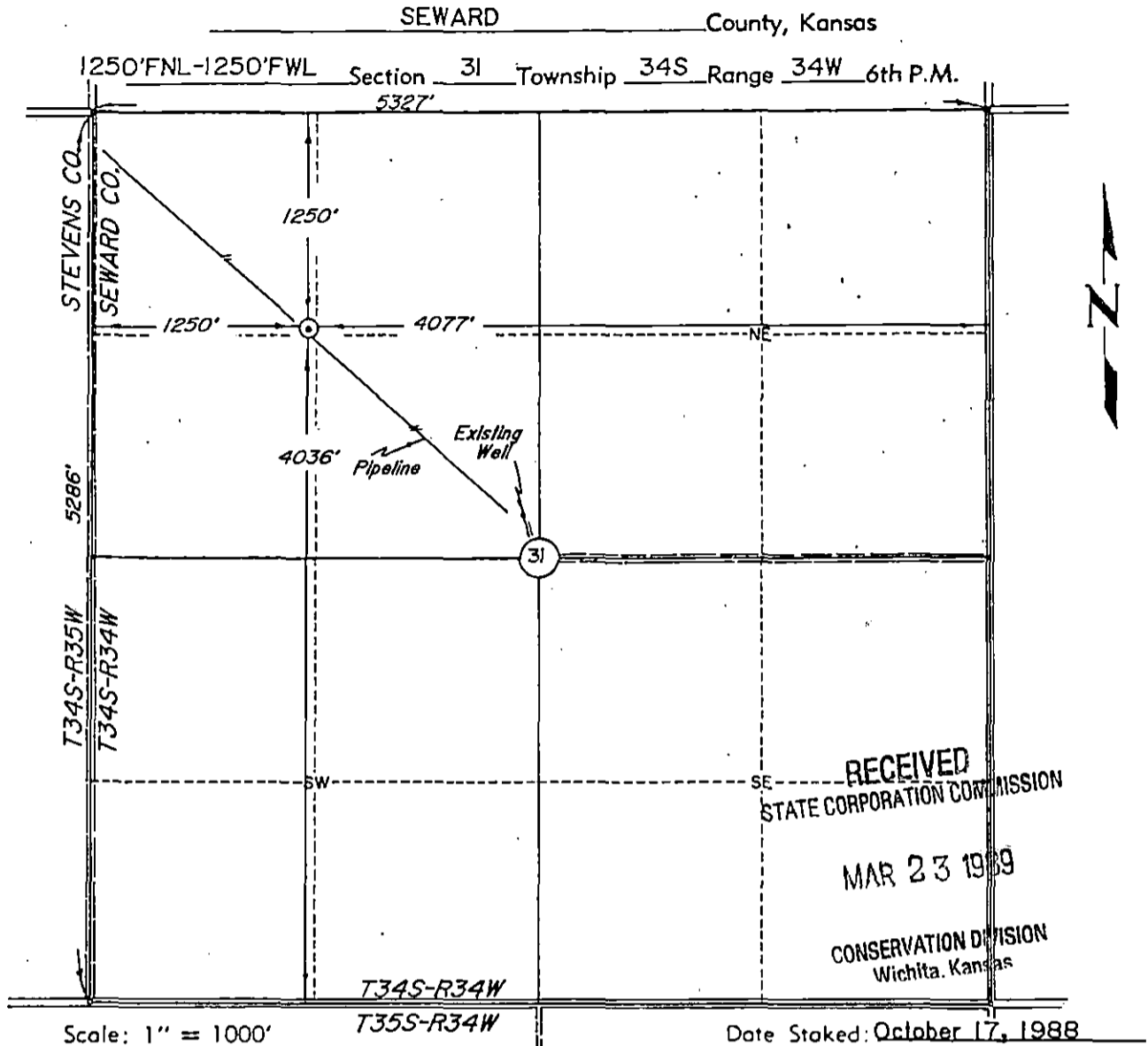
SF Santa Fe Minerals, Inc. <small>A DIVISION OF SANTA FE INTERNATIONAL CORPORATION Two Gateway Towers • 11000 West 84th • Suite 1100 • Overland Park, Kansas 66207-0000</small>	
LOCATION PLAT	
DALLAS	Drawn By: _____ Date: _____
DEPT. _____	BY: _____
DATE: _____	DATE: _____
CONTOUR BY: _____	SCALE: 1" = 1000' FILE NO. _____

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry

1008 E. 17TH ST. • HAYS, KANSAS 67601

TELEPHONES: LOCAL (913) 625-2683 • OKLA. WATS (800) 522-4273 • OUT OF STATE WATS (800) 654-3219



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: _____ O.F. Dowdy Well No.: 7

ELEVATION:
2951' Gr. at Stake

Topography & Vegetation Location fell in milo field.

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

Best Accessibility to Location From West.

Distance & Direction from Hwy Jct or Town From Jct. US Hwy. 83 & US Hwy. 270 & Tucker Road (at

North edge of Liberal), go 8 miles West on Tucker Road & 1 mile South to the Northwest Corner of Section 31, 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

