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SIDE ONE

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 # 7339
Name Santa Fe Energy Company
Address One West Third, Suite 500
City/State/Zip Tulsa, OK 74103

Purchaser N/A

Operator Contact Person Sammy N. Morgan
Phone (918) 582-6944

Contractor: License # 5421
Name Sage Drilling Company, Inc.

Wellsite Geologist Brent Shumard
Phone (918) 582-6944

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 N/A
Well Name N/A
Comp. Date N/A Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-20-85 12-1-85 12-2-85
Spud Date Date Reached TD Completion Date

5605
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 674 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. 15-025-20935-0000

County Clark

C. E/2.. NW.. NE.. Sec. 11.. Twp. 31S.. Rge. 25 East West

4520 Ft North from Southeast Corner of Section
1430 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

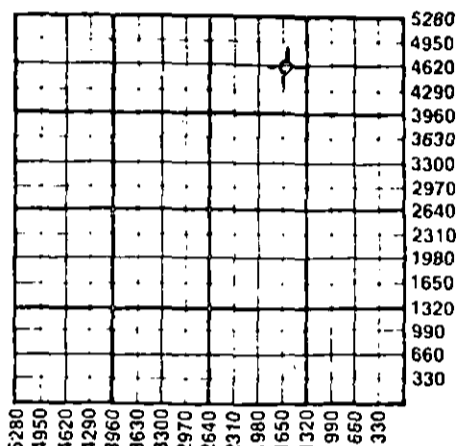
Lease Name McKissick Well # 1-11

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2550 KB 2563

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # N/A

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: Nard, Inc. (405) 735-2887
Division of Water Resources Permit # 18263

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) See above (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 [Signature] Title District Production Engineer Date 12/13/85

Subscribed and sworn to before me this 13th day of December 1985
Notary Public Gale J. Virdeitt
Date Commission Expires 7-12-87

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Santa Fe Energy Company Lease Name..... McKissick Well #..... 1-11

Sec..... 11 Twp..... 31S Rge..... 25 East West County..... Clark

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

DST: 5410'-5447' (30-90-15-180)
 IHP 2608, IFP 81-65, ISIP 113, FFP 81-65, FSIP 113, FHP 2592. Weak blow dieing in 20 minutes on 1st opening. Weak blow dieing in 5 minutes on 2nd opening. Rec'd 60' mud.

Name	Top	Bottom
Stone Corral	1500'	
Chase Group	2765'	
Council Grove	3158'	
Root Shale	3652'	
Stotler Lime	3722'	
Heebner Shale	4438'	
Lansing Group	4611'	
Marmaton	5118'	
Cherokee	5258'	
Inola Base	5378'	
Miss. Ste Gen.	5438'	

CONFIDENTIAL

RELEASED

APR 20 1987

FROM CONFIDENTIAL

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		8.578"	24#	674	Class H	375	2% CaCl ₂ /2% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
None	N/A			N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
N/A							
Date of First Production		Producing Method					
Not applicable		<input 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	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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