

30-015-25671

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

RECEIVED OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

MAR 17 1987

WELD & C.D. COMPLETION OR RECOMPLETION REPORT AND LOG

ARTESIA, OFFICE

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	V-1576 V-1776

TYPE OF WELL **84m** OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator

Santa Fe Energy Operating Partners, L.P.

Address of Operator

500 W. Illinois, Suite 500, Midland, TX 79701

Location of Well

BY LETTER **F** LOCATED **1980** FEET FROM THE **West** LINE AND **1980** FEET FROM

North LINE OF SEC. 36 TWP. 19S RGE. 29E NMPM

5. Date Spudded **12-3-86** 16. Date T.D. Reached **1-16-87** 17. Date Compl. (Ready to Prod.) **2-25-87** 18. Elevations (DF, RKB, RT, GR, etc.) **3332.2' GL**20. Total Depth **12,100'** 21. Plug Back T.D. **3902'** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By **All** Rotary Tools **--** Cable Tools **--**

24. Producing Interval(s), of this completion - Top, Bottom, Name

3649-3661' Delaware26. Type Electric and Other Logs Run **Dual Induction, Compensated Densilog, Neutron, Dual Laterolog, Gamma Ray**25. Was Directional Survey Made **No**
27. Was Well Cored **No**

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48.0	324	17 1/2	575 sx C1 C	
8 5/8	28.0 & 24.0	3264	12 1/4	4935 sx	
5 1/2	15.5	3993	7 7/8	350 sx Howco Lite & 35 sx C1 C	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3604	NH

28. Perforation Record (Interval, size and number)

3649-3661' 1JSPF 13 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3649-3661	Acidz w/175 gal 7 1/2% NEFe
	Frac w/146 bbls containing
	20/40 sd

PRODUCTION

29. First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
2-25-87	Pump 1 1/4" - C114	Producing					
30. Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-7-87	24			63	72.2	31	1146
31. Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
	50		63	72.2	31	38.6	
32. Disposition of Gas (sold, used for fuel, vented, etc.)							Test Witnessed By
Vented							

33. List of Attachments

DST test, Inclination Report, Logs, C104

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

*Billie West*TITLE **Sr. Prod. Clerk**DATE **3-16-87**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1,048	T. Strawn	10,593	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	1,242	T. Atoka	10,938	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	1,568	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen	2,697	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3,078	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota			
T. Blinbry		T. Gr. Wash		T. Morrison			
T. Tubb		T. Granite		T. Todilto			
T. Drinkard		T. Delaware Sand	3,592	T. Entrada			
T. Abo		T. Bone Springs	5,960	T. Wingate			
T. Wolfcamp	9,528	T. Morrow	10,578	T. Chinle			
T. Penn.		T. Clastics		T. Permian			
T. Cisco (Bough C)				T. Penn. "A"			

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	No. 4, from.....to.....
No. 2, from.....to.....	No. 3, from.....to.....
No. 3, from.....to.....	No. 5, from.....to.....

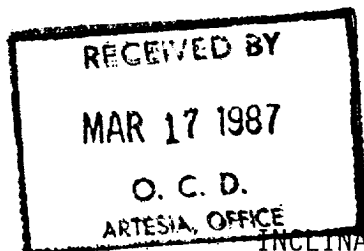
IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....
No. 4, from.....to.....feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	355		Redbed				
355	1200		Base Salt				
1200	2340		Yates				
2340	3025		Queen				
3025	3694		San Andres				
3694	4273		Sd, Sh, Dolomite				
4273	5279		Sd				
5279	9453		Bone Spring				
9453	10570		Wolfcamp				
10570	10959		Strawn				
10959	11487		Atoka				
11487	12100		Morrow				



WILLBROS DRILLING, INC.

INCLINATION REPORT

OPERATOR:

Santa Fe Energy Operating Partners, L.P.
500 W. Illinois, Suite 500
Midland, Texas 79701

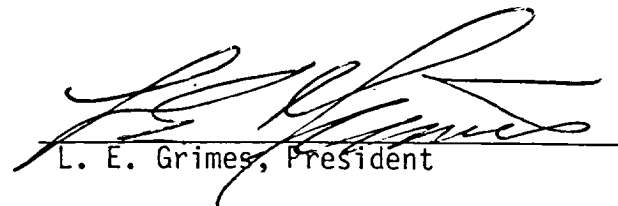
LOCATION:

Parkway State 36 No. 1,
Eddy County, New Mexico,
1980' FWL, 1980' FNL,
Section 36, T-19-S, R-29-E.

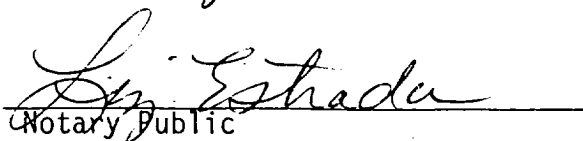
DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
355	3/4	6,545	2-1/4	12,100	2
664	1	6,850	2-1/4	(4,512 - Plug back depth)	
955	2-3/4	7,089	3		
1,200	2-3/4	7,170	2-1/4		
1,380	1-3/4	7,577	1-3/4		
1,665	3/4	8,055	3		
1,970	1-1/4	8,236	3		
2,357	3/4	8,407	3		
2,737	1	8,864	2-3/4		
3,260	3/4	9,363	2-1/4		
3,564	1	9,860	2-1/2		
4,039	3/4	10,386	3		
4,446	1/2	10,675	3		
5,106	1/4	11,177	2-1/4		
5,605	1	11,611	2		
6,074	1-1/4	11,896	2		

COUNTY OF MIDLAND
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.


L. E. Grimes, President

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29 day of January 19 87


Notary Public

My commission expires: December, 1988

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

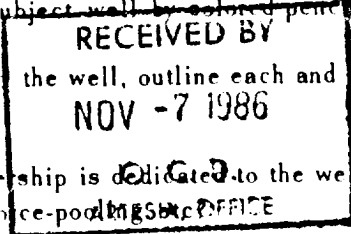
All distances must be from the outer boundaries of the Section

Operator Santa Fe Energy Operating Partners L.P.			Lease Highway State 36 State		Well No. 1
Unit Letter F	Section 36	Township 19 South	Range 29 East	County Eddy	

Actual Footage Location of Well:

1980 feet from the North line and 1980 feet from the West line	Ground Level Elev. 3332.2	Producing Formation Morrow	Pool Unders. Morrow W/C	Dedicated Acreage: 320 1/10 Acres
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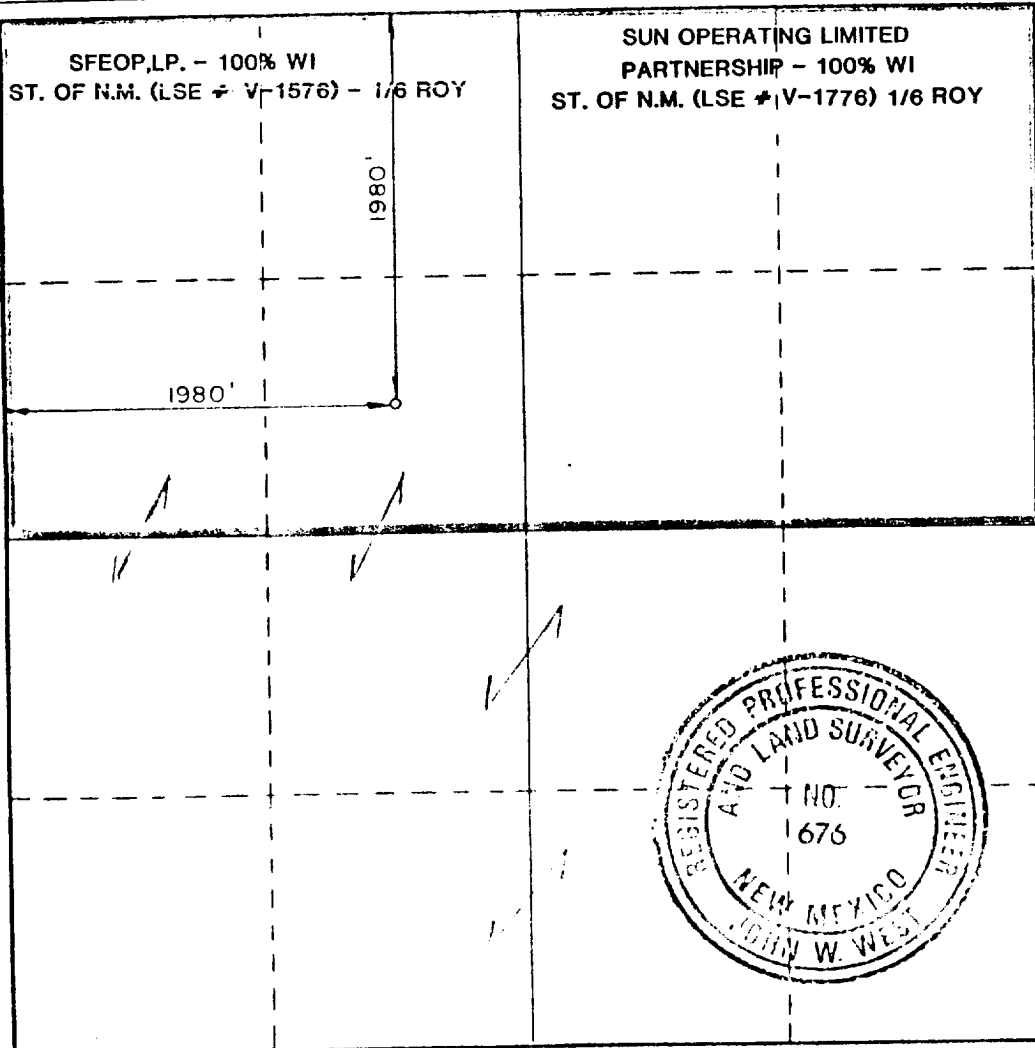
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-pooling, or otherwise?



☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Michael R. Burton
Position Senior Drilling Engineer
Company Santa Fe Energy Operating Partners, L.P.
Date November 6, 1986

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed October 13, 1986
Registered Professional Engineer and/or Land Surveyor John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239