

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	
TYPE OF WELL	

TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐
Name of Operator
Santa Fe Exploration, Inc.
731088 of Operator
P. O. Box 1136, Roswell, NM 88202-1136
Location of Well
IT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LG-2868
7. Unit Agreement Name
8. Farm or Lease Name
Superior State
9. Well No.
#1
10. Field and Pool, or Wildcat
E-K Queen
12. County
Lea
19. Elev. Casinghead
4061.1 GL
23. Intervals Drilled By
Rotary Tools
Yes
25. Was Directional Made
Yes
27. Was Well Cased
No

16. Date T.D. Reached
6-9-85
17. Date Compl. (Ready to Prod.)
7-13-85
18. Elevations (DF, RKB, RT, GR, etc.)
4061.1 GL
21. Plug Back T.D.
4900'
22. If Multiple Compl., How Many
24. Intervals Drilled By
Rotary Tools
Yes
25. Was Directional Made
Yes
27. Was Well Cased
No

4756-4769' & 4525-4536' (2 SPF)
Type Electric and Other Logs Run
Compensated Densilog-Neutron, DDL, Prolog & CBL

CASING RECORD (Report all strings set in well)		CEMENTING RECORD		AMOUNT P
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	
8-5/8"	24#	1680'	12-1/4"	675 sx Lite + 100 sx C1 "A"
5-1/2"	17#	4900'	7-7/8"	310 sx Lite

LINER RECORD		SACKS CEMENT		TUBING RECORD		PACK
SIZE	TOP	BOTTOM		SIZE	DEPTH SET	
				2-7/8"	4518'	

PERFORATION RECORD (Interval, size and number)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND MATERIAL
DEPTH INTERVAL				
4756-69'				1000 gal 15% NeFe, 100 gal KCL & 19000# 20/40
4525-36'				1000 gal 15% NeFe & 40 gal KCL
				20000 gal 30# gel KCL
				sd (4536# 20/40 & 2580

4756-4769' & 4525-4536' (2 SPF)
PRODUCTION
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping

First Production 7-13-85	Hours Tested 24hrs	Choke Size N/A	Prod'n. For Test Period Oil - Bbl. 70	Gas - MCF 60	Water - Bbl. 25	Gas - C 85
Test 7-31-85	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 70	Gas - MCF 60	Water - Bbl. 25	Oil Gravity 34.8
Flow Tubing Press.					Test Witnessed By	

Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented
Limit of Attachments
Deviation Survey & Logs (as listed above)
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 James R. Schmitt TITLE Agent DATE 8/1

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 quadruplicate 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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates, 3200'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3400'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Green 4490'	T. Silurian _____	T. Point Lookout _____	T. Elliot _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Quate _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

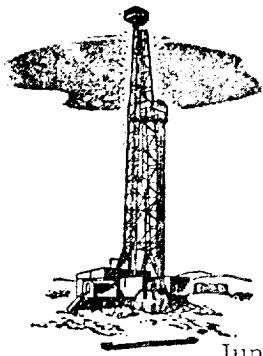
Include data on rate of water inflow and elevation to which water rose in hole.

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	1900'	1900'	Redbed				
1900'	3130'	1230'	Salt				
3130'	4493'	1363'	Anhydrite				
4493'	4900'	407'	Sand & Anhydrite				

RECEIVED
AUG 15 1985
GEOLOGICAL
HOUSE OFFICE



Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 522 / ARTESIA, NEW MEXICO 88210
470

June 19, 1985

Santa Fe Exploration
PO Box 1136
Roswell, NM 88201

Re: Superior State #1
660' ESL & 660' FWL
Sec. 17, T18S, R34E
Lea County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
505'	1/2°
1088'	1/2°
1494'	3/4°
1680'	1 1/4°
2033'	1°
2387'	3/4°
2888'	1°
3386'	1°
3911'	1°
4514'	1°
4900'	1 1/2°

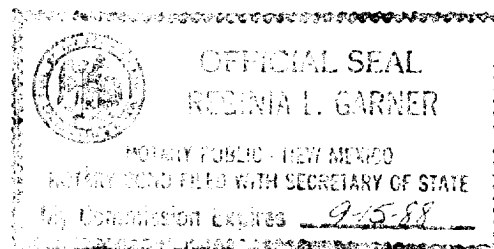
Very truly yours,

E. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 19th day of June, 1985.

NOTARY PUBLIC



RECEIVED

SEP 10 1985

C. P. O.
HOBBS OFFICE