

NEW MEXICO
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

1. LEASE DESIGNATION AND SERIAL NO.

NM-0315712

4. IF OTHER, ALLOTTEE OR TRUST NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL

WELL

GAS

WELL

DRY

Other

b. TYPE OF COMPLETION:

NEW

WELL

WORK

OVER

DEEP

EN

FLUD

DAMP

DIFF.

DRAIN

Other

2. NAME OF OPERATOR

Santa Fe Energy Resources, Inc.

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1330, Midland, TX 79701

915/686-6512

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

(A), 1310' FNL and 1310' FEL, Sec. 15, T-17S, R-32E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

13. STATE

PARISH

NM

15. DATE DRILLED

12/10/98

16. DATE T.D. REACHED

1/25/99

17. DATE COMPLETION (Ready to prod.)

3/24/99

18. ELEVATION (OF, RKB, RT, CR, ETC.)

4074' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,861'

21. RLNG. BACK T.D. MD & TVD

11,930'

22. IF MULTIPLE COMPLET.,

HOW MANY?

N/A

23. INTERVAL

DRIILLED BY

24. ROTARY TOOLS

A??

25. CABLE TOOLS

N/A

26. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

10,440' - 10,682' (Wolfcamp)

27. WAS DIRECTIONAL

SURVEY MADE

No

28. TYPE ELECTRIC AND OTHER LOGS RUN

Platform Express CNL/Three Detector Density/GR; ALL/MCFL/GR

29. WAS WELL CORRED

No

30. CASING RECORD (Report all strings set in well)

CASING DESCRIPTION	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLES SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48.0#	668'	17-1/2"	525 sx Poz & "C" (Circ'd)	None
9-5/8" J-55 & K55	36.0 & 40.0#	4,615'	12-1/4"	1200 sx Lite & "C" (Circ'd)	None
5-1/2" H-80 & J55	20.0 & 17.0#	12,662'	7-7/8"	1st stage 1800 sx 50/50 Poz H	None
		DV tool set @	6,505'	2nd stage 525 sx 50/50 Poz C	None

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SEARCH (MD)	SIZE	DEPTH SET (MD)	RACKER SET (MD)
N/A					2-3/8"	10,432'	10,326'

31. PERFORATION RECORD (Interval, size and number)

12,033' - 12,050' - plugged

10,440' - 10,682' (1 SPF 133 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
12,033-12,050'	CIRP set @ 11,950' w/ 20' cmt on top.
10,440-10,682'	8550 gals 15% NEFE HCl and 193 ball sealers.

33. PRODUCTION

DATE FIRST PRODUCTION 3/24/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/12/99	HOURS TESTED 24 hrs	CHUCK SIZE 12/64"	PROD. FOR TEST PERIOD	OIL - BBL. 240	GAS - MCF. 142	WATER - BBL. 0	GAS - OIL RATIO 592
FLOW. TURNING PRESS. 450	CASING PRESSURE pkf.	CALCULATED SAMPLE RATE	OIL - BBL. 240	GAS - MCF. 142	WATER - BBL. 0	OIL GRAVITY - API (CORR.) 37.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold to GPH

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, Deviation Survey, Logs

36. I hereby certify that the foregoing and related information is complete and correct as determined from all available records

SIGNED

Title Sr. Production Clerk

* (See instructions and spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEW MEXICO
OIL CONSERVATION DIVISION
EXHIBIT
CASE NO. 12,178

37. SUMMARY OF FORMATION ZONES: (Show all important zones of porosity and contents thereof; core intervals; and all drill-stem, tests, including depth interval tested, conditions used, time test open, flowing and shut-in pressures, and recoveries).				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, COMMENTS, ETC.	NAME	TOP		THICK VERT. FEET
					MEAS. DEPTH		
Devonian	13.770	13.805	Sec. 24.7 Bbl cush. 211' MCN 2593' Water IF 1175-1289 ISI 5422 2nd F 1326-2239 2nd SI 5424	Austler	963		963
				San Andres	3,820		3,820
				Glorieta	5,500		5,500
				Tubb	6,922		6,922
				Abbo	7,628		7,628
				Holcamp	9,106		9,106
				Strawn	11,506		11,506
				Atoka	11,772		11,772
				Merton	12,102		12,102
				Mississippian	12,596		12,596
				Woodford	13,640		13,640
				Devonian	13,758		13,758

Well Name and Number: Majamar "15" Federal #1

Location: Sec. 15, T17S, R32E, Lea County, New Mexico

Operator: Santa Fe Energy Resources

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1/4	207	1/4	6367	1/4	12629
1 1/4	414	1/4	6842	1/4	13602
1	669	1/4	7318		
1/4	1157	1/4	7762		
1/4	1604	1/4	8240		
1/4	2082	1/4	8653		
1/4	2558	1/4	9139		
1/4	3057	1/4	9634		
1/4	3356	1/4	9920		
1	3972	1/4	10411		
1/4	4460	1 1/4	10844		
1/4	4941	1 1/4	11287		
1/4	5410	1/4	11838		
1/4	5867	1/4	12338		

Drilling Contractor: McVay Drilling Company

By: *[Signature]*

Subscribed and sworn to before me this 2nd day of February, 1999.

[Signature]
Notary Public

My Commission Expires: 8-16-01

Lea County, New Mexico