

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
NM 0558018
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Union "SI" Federal
9. WELL NO.
2
10. FIELD AND POOL, OR WILDCAT
Undes. <del>Tomahawk SA</del>
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 1-T8S-R31E
12. COUNTY OR PARISH
Chaves
13. STATE
NM
22. APPROX. DATE WORK WILL START*
ASAP

1a. TYPE OF WORK
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. TYPE OF WELL
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR
Matas Petroleum Corporation
3. ADDRESS OF OPERATOR
207 South 4th Street, Artesia, New Mexico 88210
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 660' ENL & 1980' FWL
At proposed prod. zone same
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 9 miles south of Kenna, NM.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'
16. NO. OF ACRES IN LEASE
320
17. NO. OF ACRES ASSIGNED TO THIS WELL
40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
3500'
19. PROPOSED DEPTH
3500'
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF RT, GR, etc.)
4377.6 GL

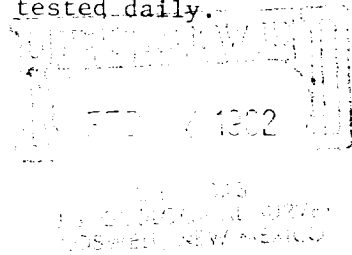
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 1/2"	7"	20# J-55	appr. 1700'	500 sx circulated
6 1/4"	4 1/2"	9.5#	TD	300 sx

We propose to drill and test the San Andres formation. If commercial 4 1/2" production casing will be run and cemented with an adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: Native mud to 1700'. Fresh water to TD.

BOP PROGRAM: BOP's will be installed at 1700' and tested daily.



ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED	TITLE	DATE
	Regulatory Manager	1/28/82
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
APR 20 1982		
APPROVED BY	TITLE	DATE
JAMES A. GILLHAM	DISTRICT SUPERVISOR	