

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM2244	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Samedan Oil Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 10 Desta Drive, Suite 240 East, Midland, Texas 79705			8. FARM OR LEASE NAME Sarah B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FSL & 330' FWL At proposed prod. zone			9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 8 miles South-Southeast of Eunice			10. FIELD AND POOL, OR WILDCAT Cline-Blinebry	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Sec 1, T-23-S, R-37-E	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3 miles			12. COUNTY OR PARISH Lea	
16. NO. OF ACRES IN LEASE 1395.95			13. STATE NM	
19. PROPOSED DEPTH 6300'			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3263.8 GR			20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START* Upon approval				

PROPOSED CASING AND CEMENTING PROGRAM

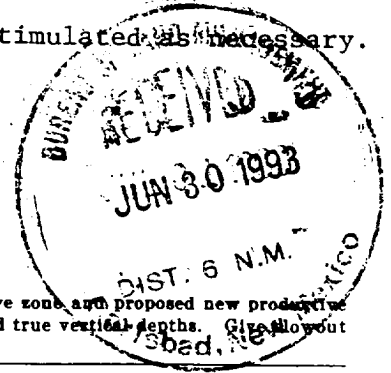
**CAPITAN CONTROLLED WATER BASIN**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48#	900	465 sx <b>CIRCULATE</b>
12 1/4	* 8 5/8	24# & 32#	4000	To be determined by hole condition;
7 7/8	5 1/2	15.5#	6300	615 sx * See Stipulations

\* A 12 1/4" hole will be drilled to 4000' and 8 5/8" casing shall be run and cemented if significant water flow is encountered. If there is no water flow, the hole size will be reduced to 7 7/8" and drilled to 6300'.

After setting production casing, pay zone will be perforated and stimulated as necessary.

See attachments for: Supplemental Drilling Data  
BOP Sketch  
Surface Use and Operations Plan



IN 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 flowout preventer program, if any.

24. SIGNED Judy Thronley TITLE Division Production Clerk DATE 6/14/93  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY ORIG. SGM: RICHARD L. MANN TITLE ASSISTANT DATE 8-2-93  
CONDITIONS OF APPROVAL, IF ANY:

**APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS**

\*See Instructions On Reverse Side

**RECEIVED**

10/1/1993

BOB HUBBS  
OFFICE