Form 3160-3 (July 1992)

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

UNITED STATES DEPARTMENT OF THE INTERIOR

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5. LEASE DESIGNATION AND SERIAL NO.

FAIL OF LAND MANAGEMENT

	BUKLAU OI	LAND MANAGEME	N I		NMO47	
APPLICATION FOR PERMIT TO DRILL OR DEEPEN					6. IF INDIAN, ALLOTTER OR TRIBE NAME	
DRILL DEEPEN DEEPEN Seentry					7. UNIT AGREEMENT NAME	
OIL C	AS OTHER W	VATER DISPOSAL	INGLE MULTI	IPLE	8. FARM OR LEASE NAME, WELL NO.	
WELL W	VELD CONTRACT	VATER DISTOSAL 2			SWD #3 _223;	
	(LESS 0194	18			9. API WELL NO.	
3. ADDRESS AND TELEPHONE NO.					30-045-24242, 10. FIELD AND BOOL OF WILDCAT	
PO BOX 168	FARMINGTON, NM teport location clearly and	8/499 (505)32 lin accordance with any	26-2659 State requirements.*)	_ 	SWD MISHYE	
At surface	SL & 1115' FEL			-	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
At proposed prod. zon				,	(
SAME 4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*					SEC 7, T30N, R12W	
DISTANCE IN MILES	AND DIRECTION FROM NEA	agi iown on loof orth	. <u>-</u>		SAN JUAN NM	
DISTANCE FROM PROPO		16. N	O. OF ACRES IN LEASE	17. NO. OF	ACRES ASSIGNED S WELL	
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)				10 1111	N/W	
(Also to hearest orig. unit the, it any) B. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED.		19. P	ROPOSED DEPTH	20. ROTARY	20. ROTARY OR CABUE TOULS	
OR APPLIED FOR, ON TH	IIS LEASE, FT.	60'	4500'	ROT	ROTARY	
	ether DF, RT, GR, etc.)				JANUARY 1998	
5931'		PROPOSED CASING AN	D CEMENTING DROGE	AM	JANUARI 1990	
		1	SETTING DEPTH	A.W.	QUANTITY OF CEMENT	
12 1/4"	8 5/811	24#	400'	_ 	5 sx	
7 7/8"	4 1/2"	9.5#	6872'	2450		
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NETERICATION OF CONSERVATION COMMISSING

WELL CATION AND ACREAGE DEDICATION ...AT

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

EXHIBIT "A" - Location & Elevation Plat All distances must be from the outer houndaries of the Section Federal NASE USA 047 NM Unit Letter County 12 West Actual Footage Location of Well: feet from the line and Producing Formation Basin Dakota 5901 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation __ 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the V. Pres. Powers Elevation Agent Consultant for Company Sun Gas Company 2/5/80 Registered Professional Engineer

1320 1650

1980 2310

2000

CEMENT INFORMATION

Part III. Well Data
Wellbore Diagram - Proposed Configuration

SWD No. 3 (Formerly the New Mexico Federal N No. 5E) SE SE, Section 7, T30N, R12W 940'FSL & 1115'FEL San Juan County, New Mexico

Ground Elevation: 5915' KB Elevation: 5931' 8 5/8" 24# Casing set at 400' in a 12 1/4" hole. Cemented with 275 sx. Packer fluid. DV tool at 4010'. Opened Stage tool. No Cement in returns. Cement with 1450 sx 50:50 poz. Top of cement at 800' per temperature survey. Run 800' 1" tubing in annulus. Cement with 175 sx 50:50 poz. Cemented to surface. Tested used 2 3/8" J-55 4.7 PPF tubing to 4410'. 4 1/2" by 2 3/3" Arrowset 1-X retrievable neutral set production packer with 2 3/8" by 1.81" stainless steel F nipple and Type T-2 On-Off tool. Perfs at 4460 - 4478'; 37 holes. CIBP at 4487'. Casing milled out from 4502-30'. Milled area squeezed with 545 sx Class B, 2% CaCl2, Driffed out. Cement plug (Class B, 2% CaCl2), from 4488-4656'. 4 1/2" 9.5# K-55 STC casing set at 6872' in a 7 7/8" hole. Cemented 1st stage w/ 725 sx Howco lite followed by 100 sx Class A. Cement to stage tool per Cement Bond log.

> Plug Back Depth: 6741' Total Depth: 6873'

