

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(Other instructions on  
reverse side)

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

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC- 064428
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Sun Exploration & Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 1861 Midland, Texas 79702		8. FARM OR LEASE NAME Elliott B-9
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface Unit letter "D", 660' FNL & 660' FWL At proposed prod. zone		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 1 1/2 miles SW of Eunice, New Mexico		10. FIELD AND POOL, OR WILDCAT Eunice, S. -San Andres
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T-22-S R-37-E
16. NO. OF ACRES IN LEASE 80		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5314		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3427' DF		22. APPROX. DATE WORK WILL START* Upon approval

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 1/2	32#	1182	475 sxs
	7"	20#	3612	150 sxs
7-7/8	5"	15#	5314	400 sxs

MIRU workover rig and reverse unit. Load hole with filed salt water. Install BOP's.

- GIH w/ 2-3/8" tbg, 4 1/4" bit and Baker csg. scraper. Clean out hole to 4350'.
- POOH w/ tbg., bit and scraper.
- GIH w/ 2-3/8" tbg. and Baker RDG pkr. Set pkr at 4100'. Pressure up on annulus to check for csg. leaks. If csg. leak found, locate leak and squeeze.
- Establish pump-in rate into perms under pkr at 4100'. If cannot pump into, acidize w/ 500 gals 15% HCL.
- POOH w/ tbg. and pkr.
- GIH w/ tbg. and cmt. retainer. Set retainer at 4100'. Establish injection rate into perms 4145-4314.
- RU Halibuton cementers. Squeeze perms 4145-4314' w/ 50 sxs. Class C w/ 9.4% Halad -4 plus 150 sxs. Class C neat cmt. for tail-in. Note: Minimum squeeze pressure of 500 psi over pump-in.
- Snap out of retainer. Reverse out excess cmt. POOH w/ tbg. (cont on next page)

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 blowout preventer program, if any.

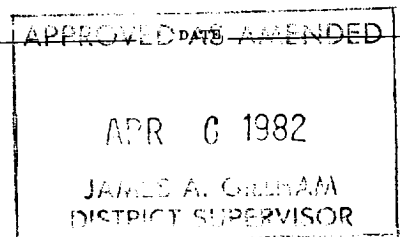
24. SIGNED Dee Ann Kemp TITLE Acct. Assist II DATE March 30, 1982

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



10. WOC 12 hrs.
11. GIH w/ bit, 10 3-1/8" drill collars, and 2-3/8" tbg. Drill out cmt, ret and cmt. Test squeeze to 1000 psi pump pressure. Run RDG pkr. Swab test squeeze. If squeeze does not hold, repeat steps 5 thru 11.
12. Drill out CIBP at 4400'.
13. Drill out cmt. ret. and 5191' and cmt. to 5300.
14. Circulate hole clean to 5300' w/ 2% KCL water. POOH w/ bit, drill collars and tbg.
15. RU Schlumberger. Run a compensated neutron log w/ collar locator from 3850 to 5300'. Use rig mast to run log.
16. Wait on perforating instructions.
17. After perforating, GIH w/ tbg. and pkr. Swab test well.
18. Further instructions will be issued concerning stimulation and/or pumping unit installation.

**NE MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section.

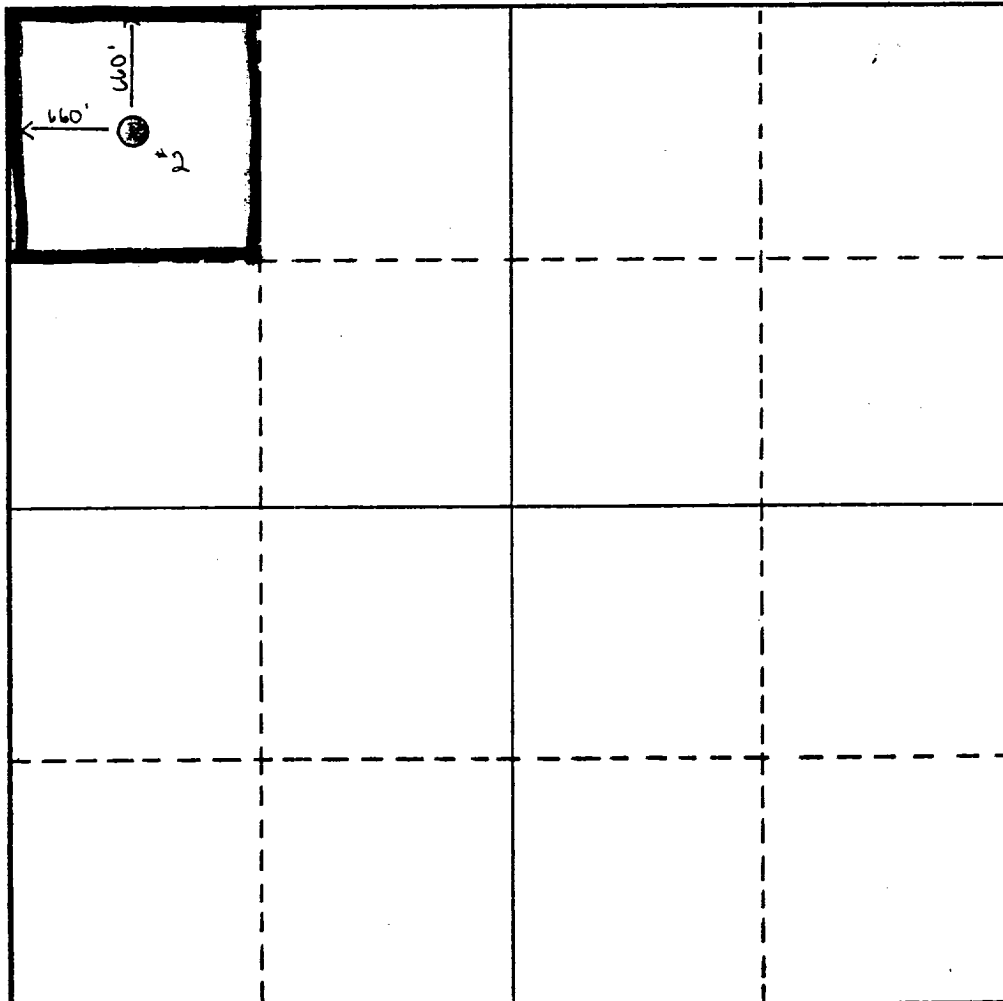
Operator Sun Exploration & Production Co.			Lease Elliott B-9		Well No. 2
Unit Letter D	Section 9	Township 22-S	Range 37-E	County Lea, New Mexico	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3427 DF	Producing Formation Eunice, S- San Andres		Pool San Andres	Dedicated Acreage: 40 Acres	

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?

☐ Yes ☐ No If answer is "yes," type of consolidation 100%

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 Commission.



**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

*DeeAnn Kemp*

Name  
DeeAnn Kemp

Position  
Accounting Assistant II

Company  
Sun Exploration & Production Co.

Date  
March 31, 1982

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

