1a. TYPE OF WORK

b. TYPE OF WELL

2. NAME OF OPERATOR

WELL X

At surface

COPY TO O. C. C.

SUBMIT IN T. TCATE*

(Other instructions on reverse side)

NM 13430

Forr	n approv	red.	42-R1425
Budg	et Bures	iu No.	
	7	10	1

5. LEASE DESIGNATION AND SECIAL NO.

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DI	RILL, DEEPEN, OR PLUG BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
TYPE OF WORK		
DRILL 🛛 DE	EEPEN 🗌 PLUG BACK 🗌 📗	7. UNIT AGREEMENT NAME
TYPE OF WELL		
OIL X GAS OTHER	SINGLE X MULTIPLE ZONE	8. FARM OR LEASE NAME
NAME OF OPERATOR		Lea 21, 7406 JV-S
BTA OIL PRODUCERS	- P [A]	9. WELL NO.
DDRESS OF OPERATOR		7
104 South Pecos Midland, Te OCATION OF WELL (Report location clearly and in accordance)		10. FIELD AND POOL, OR WILDCAT Comanche-Stateline
OCATION OF WELL (Report location clearly and in accord surface	rdance with any other requirements.*)	Tansil Yates
		11

BTA OIL **PRODUCERS** 3. ADDRESS OF OPERATOR

AND SURVEY OR AREA

Sec. 21, Twp 26-S, 36-F 12. COUNTY OR PARISH 13. STATE

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE S. GEOLOGICAL SURVEY

5 miles Courter . . . <u> 5 miles Southwest from Jal</u> 15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT

1980' FSL & 660' FEL

NO. OF ACRES IN LEASE 320

19. PROPOSED DEPTH

3600'

NO. OF ACRES ASSIGNED TO THIS WELL 40

Lea

Rotary

DISTRICT SUPERVISOR

20. ROTARY OR CABLE TOOLS

New Mexico

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

(Also to nearest drlg. unit line, if any)

2923' GR

660'

1320'

22. APPROX. DATE WORK WILL START* September 16, 1980

23

PROPOSED CASING AND CEMENTING PROGRAM

8-5/8"	24#	1400'	1000 SX Circu / ate
5-1/2"	15.5#	3600'	250 sx
-	E 1/01	5-1/2" 15 5#	5-1/2" 15 5# 3600'

See Attached BOP Diagram

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "IGENERAL REQUIREMENTS"

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.

E4. John Mewland	TITLE Regulatory Supe	rvisor DATE July 11, 1	980
(This space for Federal or State office use)	APPROVED AS AMENBED APPROVAL DATE		
PERMIT NO.	AUG 2 8 1880	APPR	
CONDITIONS OF APPROVAL, IF ANY:	Com DISTRICT SUPERVISOR	AUG 2 8 1980	

EW MEXICO OIL CONSERVATION COMMISS! WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128 Effective 14-65

astances must be from the outer boundaries of the section Operator Well No. BTA OIL PRODUCERS 7406 JV-S LEA ''21'' 7 Unit Letter Section Township County 11 11 -26-5 21 -36-E LEA Actual Footage Location of Weil: 1980 SOUTH 660 EAST feet from the line and feet from the Ground Level Elev. Producing Fermation Pool Dedicated Acreage: 40 Acres 2923 TANSALL - YATES COMANCHE - STATE LINE 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 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. Name 40TA CRES 40TA CRES BOB K. NEWLAND 40"A CRES 40TA CRES Regulatory Supervisor BTA OIL PRODUCERS July 11, 1980 BTA OIL PRODUCERS 7406 JVTS LEA 320TA CRES I hereby certify that the well location shown on this plat was plotted from field 3, 6**60**¹ 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. 40TA CRES 40TA CRES 1980 Date Surveyed APRIL 21, 1980 0 Registered Professional/E 40 TA CRES 40TA CRES Certificate No. 1510 330 1320 1650 1980 1600

ADDITIONAL INFORMATION 7406 JV-S Lea "21" #7

- 1. Geologic name of the surface formation Quaternary.
- 2. Estimated tops of important geologic markers Anhydrite 2100', Yates 3160'.
- 3. Estimated depth at which oil is expected 3160' Yates.
- 4. Proposed casing strings will be new pipe.
- 5. Additives to be used with the cement program are:
 - 8-1/2" 700 sx 6#/sx salt, 5#/sx gilsonite & 1/4#/sx flocele. 300 sx - 2%/Ca Cl₂ & 1/4#/sx flocele.
 - 5-1/2" 250 sx 50/50 Poz A w/0.3% CFR-2, 6#/sx salt, 5#/sx gilsonite & 1/4#/sx flocele.
- 6. BOP Test Procedures Will hydrostatically test to rated working pressure when installed. Test periodically with rig pump.
- 7. Type and Characteristics of the circulating mediums:

Surface to 1400'- Fresh water spud mud with a 40 to 50 sec/1000 cc viscosity. Possible lost circulation; severe gravel and sand instability. Use multi mud paper to control seepage. If complete loss occurs, use cotton seed hulls and chip seal.

1400' to TD - 9.0 to 9.6 ppg fresh water with FW gel to maintain 35 to 45 sec/1000 cc viscosity. Reduce the water loss to 10 cc or less @ 3100'. Salt gel may be required if salt stringers are encountered.

- 8. Logging Program GR-CNL&FDC Surface Csg to TD. DLL or DIL Surface Csg to TD.
- 9. Anticipated abnormal pressures or temperatures None, H2S None.
- 10. Duration of drilling operation 10 days.

RECEIVED

SEP 91980

Dr. Compression Dry

17,