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# NEW MEXICO OIL CONSERVATION COMMISSION

30-031-20292  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

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

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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"/>		8. Farm or Lease Name Santa Fe	
2. Name of Operator James P. Dunigan, Inc.		9. Well No. 1	
3. Address of Operator 408 First State Bank Bldg., Abilene, Texas 79604		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>19N</u> RGE. <u>5W</u> NMPM		12. County McKinley	
21. Elevations (Show whether DT, RT, etc.) 6853 GL, ungraded		19. Proposed Depth 9500	19A. Formation Pre-Cambrian
21A. Kind & Status Plug. Bond	21B. Drilling Contractor Loffland Bros.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 18 Dec 72			

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	13 3/8"	48#	225	100	Circ.
12 1/4"	8 5/8"	28#	4600	200	4100
7 7/8"	4 1/2"	11.6#	8900	200	8000

Drill 15" surface hole to 225 ft, set 225' 13 3/8" 48# surface casing, cement w/ 100 sx. WOC 12 hrs, pressure test to NMOCC specs., drill 12 1/4" hole to 4600 or through Dakota, set 4600' 8 5/8" 24 & 32# intermediate casing, cement w/ 200 sx cement. WOC 24 hrs, pressure test to NMOCC spec., drill 7 7/8" hole to 9300 feet. Run 4 1/2" 11.6# casing to TD or less for production, cement with minimum 200 sx cement.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 3-19-73



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Hendon H. Gray Title Project Engineer Date 15 Dec 72  
(This space for State Use)

APPROVED BY Carl Kendrick TITLE PETROLEUM ENGINEER DIST. NO. 3 DATE 12-21-72  
CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <b>James P. Dunigan, Inc.</b>		Lease <b>Santa Fe</b>		Well No <b>1</b>	
Unit Letter <b>P</b>	Section <b>31</b>	Township <b>19 NORTH</b>	Range <b>5 WEST</b>	County <b>Mc KINLEY</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line or <b>660</b> feet from the <b>EAST</b> line Ground Level Elev. <b>6853.0</b> Producing Formation <b>Wildcat</b> Dedicated Average <b>40</b> Acres					

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both acreage working interest and royalty).
  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners 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 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.

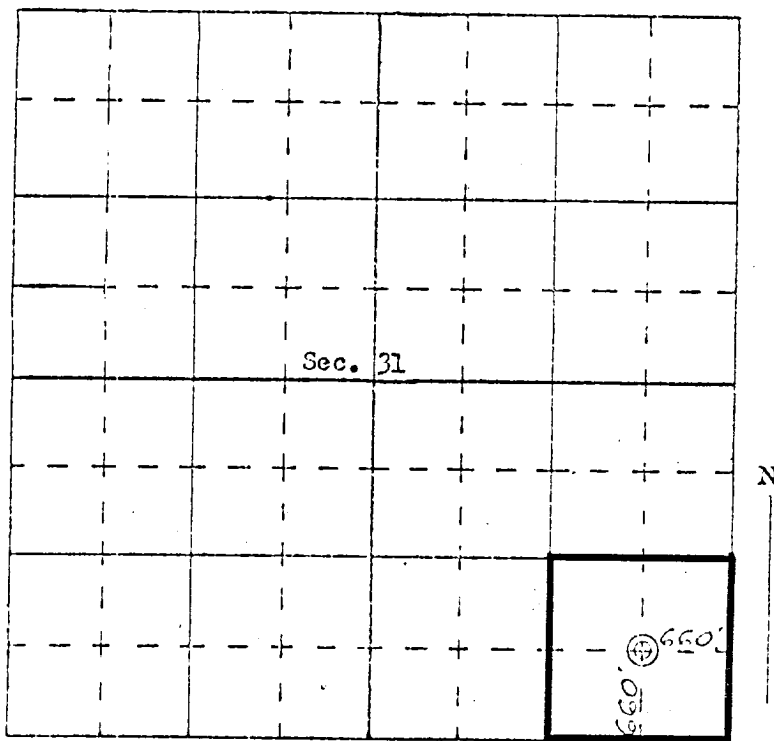
**CERTIFICATION**

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

*Gordon H Gray*  
 Name \_\_\_\_\_  
**Gordon H. Gray**  
 Position \_\_\_\_\_  
**Project Engineer**  
 Company \_\_\_\_\_  
**James P. Dunigan,**  
 Date \_\_\_\_\_  
**15 Dec 72**

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.

**8 December, 1972**  
*James P. Dunigan*  
 Registered Professional Engineer  
 and/or Land Surveyor  
**JAMES P. DUNIGAN**  
**1163**  
 Certificate No. \_\_\_\_\_



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.