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NEW MEXICO OIL CONSERVATION COMMISSION

O. C. C.
ARTESIA, OFFICE

30-015-22427
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. K-3077

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"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Terra State
2. Name of Operator J.M. Huber Corporation		9. Well No. 4
3. Address of Operator 1900 Wilco Building, Midland, Texas 79701		10. Field and Pool, or Wildcat Gardland/Yarrow (Del)
4. Location of Well UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 15 TWP. 23S RGE. 26 E NMPM		12. County Eddy
21. Elevations (Show whether DF, RT, etc.) 3320' GL.		19. Proposed Depth 2700'
21A. Kind & Status Plug. Bond \$50,000 (Current)		19A. Formation Delaware
21B. Drilling Contractor Unknown		20. Rotary or C.T. Rotary
22. Approx. Date Work will start March 1, 1978		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	20#	600	350 sks.	Circ.
7-7/8"	5-1/2"	14#	2700	1075 sks.	Circ.

Drill 12-1/4" hole to 600', run 8-5/8" 24# J-55 csg. to 600' and circulate cement to the surface with 350 sks. Class "C" with 2% CaCl₂. Install 8-5/8" x 10" 2000# WP head and 10"-900 series BOP. WOC 12 hrs. Drill 7-7/8" hole to TD (2700') and run logs. Run 5-1/2" 14# J-55 csg. to TD. Circulate cement to surface with 750 sks. Class "C" 50:50 LP3 4% Gel, followed by 325 sks. Class "C" 50:50 litepoz 3, 2% total gel, WOC 24 hrs.

gas is dedicated

Posted
Expired
6-9-78

APPROVAL VALID
FOR 30 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 5-28-78

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 [Signature] Title District Prod. Manager Date February 14, 1978

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE FEB 27 1978

CONDITIONS OF APPROVAL, IF ANY:

Minimum WOC time/8 hrs.

NEW 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

J.M. Huber Corp.

Terra State

4

F

15

23 South

26 East

Eddy

1650

feet from the

North

line and

1650

feet from the

West

line

3319.8

Enclosing Formation

Delaware

Foot

~~South-Carlsbad~~/Yarrow Del

Dedicated Acreage:

160

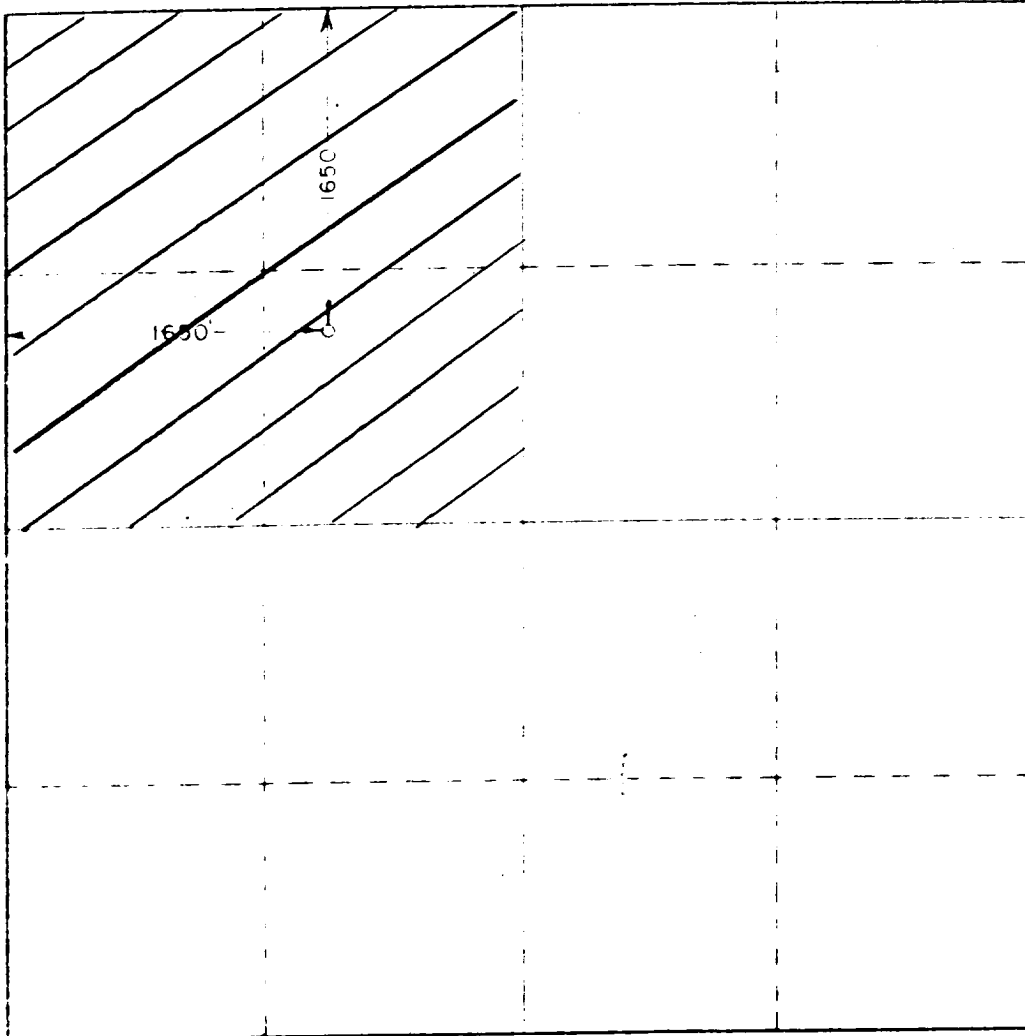
Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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

Robert G. Setzler

Robert G. Setzler

Dist. Prod. Mgr.

J. M. HUBER CORP.

2/14/78

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

Feb. 4, 1978

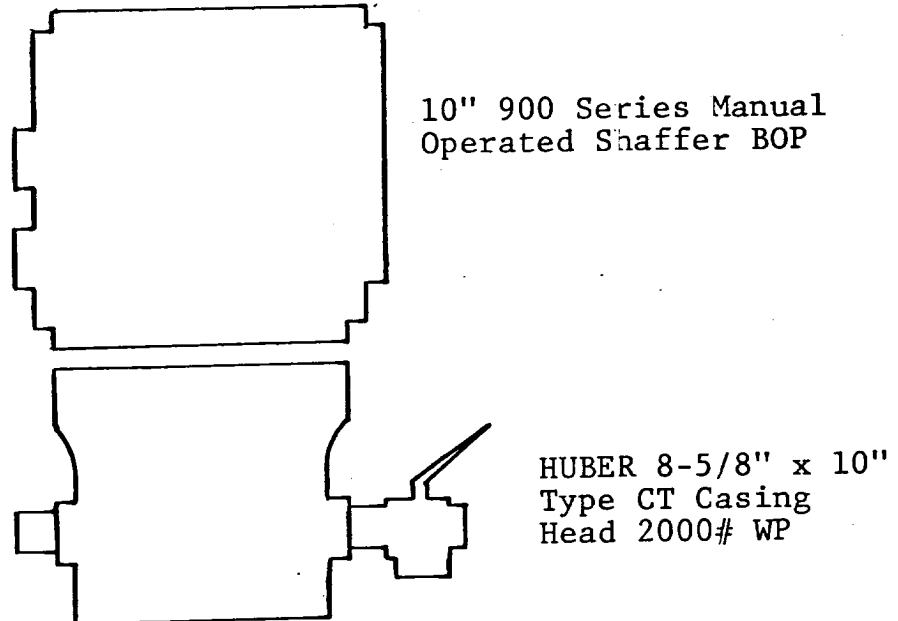
Registered Professional Engineer
and Licensed Surveyor

Ronald J. Eidson

Certificate No. John W. West 676
Ronald J. Eidson 3239

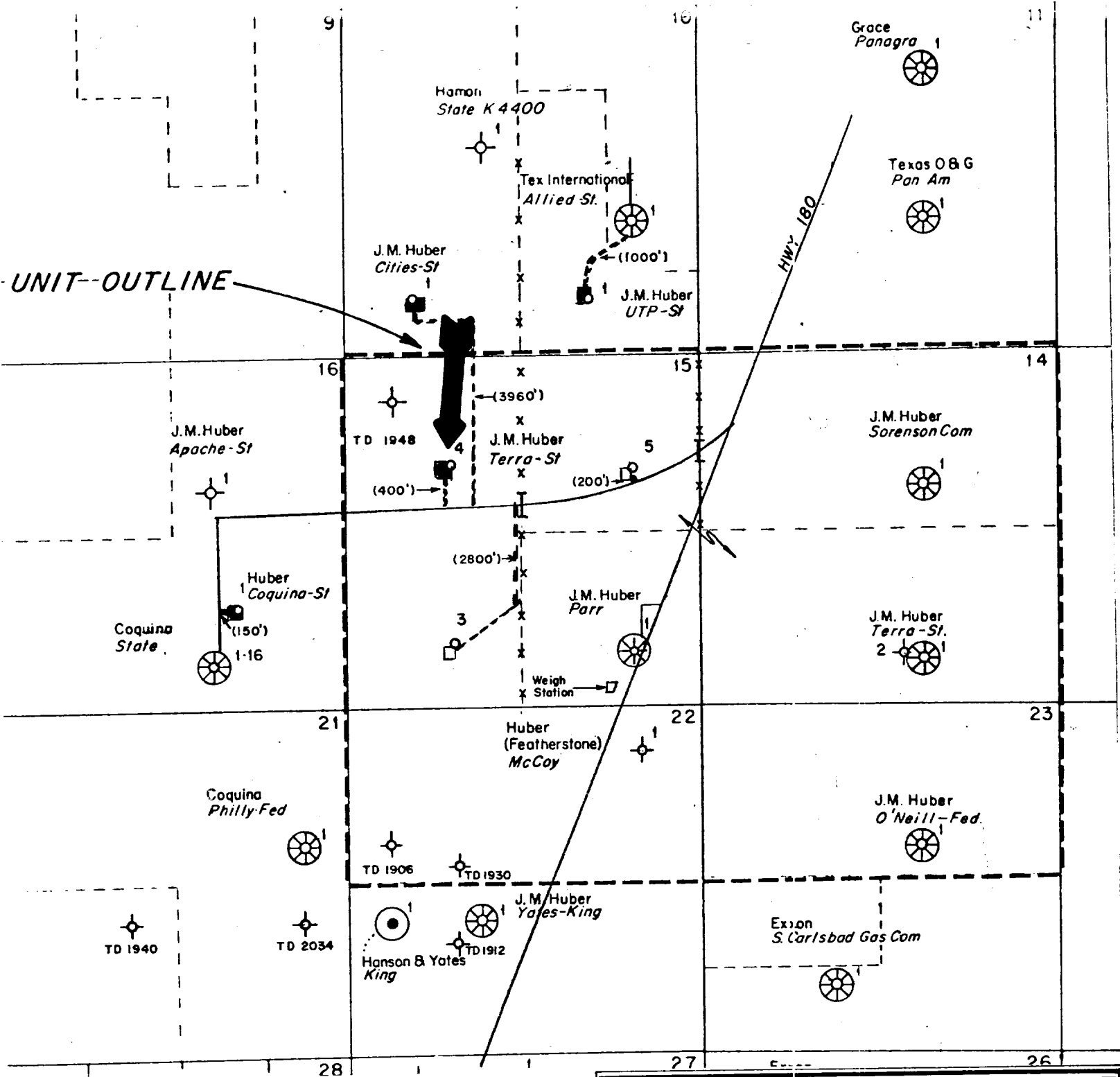
660 90 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SCHEMATIC
BLOW-OUT PREVENTER



WELL NAME: Terra State No. 4

LOCATION : Sec. 15, T-23S, R-26E



- LEGEND -

- 75' x 80' Pad
- 132' x 235' Pad
- Existing Roads
- Proposed Roads

J.M. HUBER CORPORATION

MIDLAND DISTRICT

SOUTH CARLSBAD

(DELAWARE SAND) PROSPECT

EDDY COUNTY, NEW MEXICO

PROPOSED ROADS & PADS
FOR WELL LOCATIONS

SCALE: 1" = 2000'

Geology By _____

Drafting By _____

Date 2/10/78



Exhibit Number _____

DO NOT REMOVE CARBONS

Form Approved O.M.B. No. 004-R0001

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		FOR FAA USE ONLY AERONAUTICAL STUDY NO.	
NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION			
1. NATURE OF STRUCTURE (Complete both A and B below)		FAA will either return this form or issue a separate acknowledgement.	
A. (Check one) <input checked="" type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> ALTERATION		A. The proposed structure: <input type="checkbox"/> Does not require a notice to FAA. <input type="checkbox"/> Would not exceed any obstruction standard of Part 77 and would not be a hazard to air navigation. <input type="checkbox"/> Should be obstruction <input type="checkbox"/> marked <input type="checkbox"/> lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____ <input type="checkbox"/> Obstruction marking and lighting are not necessary. <input type="checkbox"/> Requires supplemental notice. Use FAA form enclosed.	
B. (Check one) (State length of time) <u>3/4</u> Mos. <input type="checkbox"/> PERMANENT <input checked="" type="checkbox"/> TEMPORARY		B. FCC was <input type="checkbox"/> was not <input type="checkbox"/> advised.	
2. NAME AND ADDRESS OF INDIVIDUAL, COMPANY, CORPORATION, ETC. PROPOSING THE CONSTRUCTION OR ALTERATION (Number, Street, City, State and Zip Code)		REMARKS:	
TO J. M. Huber Corporation 1900 Wilco Building Midland, Texas			
3. TYPE AND COMPLETE DESCRIPTION OF STRUCTURE		ISSUING OFFICE:	
Drilling Rig. (TEXAS STATE #4)		REVIEWING OFFICER DATE	
4. LOCATION OF STRUCTURE			
A. COORDINATES (To nearest second)		B. NEAREST CITY OR TOWN, AND STATE	
LATITUDE LONGITUDE		Carlsbad, New Mexico	
32 18 28 104 17 05		(1) DISTANCE FROM 4B 8.2 MILES	
C. NAME OF NEAREST AIRPORT, HELIPORT, OR SEAPLANE BASE		(2) DIRECTION FROM 4B Southwest	
Carlsbad Airport		(1) DISTANCE FROM NEAREST POINT OF NEAREST RUNWAY 6442.0'	
		(2) DIRECTION FROM AIRPORT SW	
D. DESCRIPTION OF LOCATION OF SITE WITH RESPECT TO HIGHWAYS, STREETS, AIRPORTS, PROMINENT TERRAIN FEATURES, EXISTING STRUCTURES, ETC. (Attach a highway, street, or any other appropriate map or scaled drawing showing the relationship of construction site to nearest airport(s). If more space is required, continue on a separate sheet of paper and attach to this notice.)			
See Attached Sheet			
5. HEIGHT AND ELEVATION (Complete A, B and C to the nearest foot)		6. WORK SCHEDULE DATES	
A. ELEVATION OF SITE ABOVE MEAN SEA LEVEL		A. WILL START	
3319.8		March 9, 1978	
B. HEIGHT OF STRUCTURE INCLUDING APPURTENANCES AND LIGHTING (if any) ABOVE GROUND, OR WATER IF SO SITUATED		B. WILL COMPLETE	
110.0		March 30, 1978	
C. OVERALL HEIGHT ABOVE MEAN SEA LEVEL (A+B)			
3429.8			
7. OBSTRUCTION MARKED AND/OR LIGHTED IN ACCORDANCE WITH CURRENT FAA ADVISORY CIRCULAR 70/7460-1, OBSTRUCTION MARKING AND LIGHTING			
A. MARKED		YES NO	
B. AVIATION RED OBSTRUCTION LIGHTS		<input checked="" type="checkbox"/> <input type="checkbox"/>	
C. HIGH INTENSITY WHITE OBSTRUCTION LIGHTS		<input checked="" type="checkbox"/> <input type="checkbox"/>	
D. DUAL LIGHTING SYSTEM		<input checked="" type="checkbox"/> <input type="checkbox"/>	
I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge.			
8. NAME AND TITLE OF PERSON FILING THIS NOTICE (Type or Print)		9. SIGNATURE (In ink)	
Robert G. Setzler District Production Manager			
		10. DATE OF SIGNATURE 11. TELEPHONE NO. (Precede with area code)	
		2/9/78 (915) 682-3794	
Persons who knowingly and willfully fail to comply with the provisions of the Federal Aviation Regulations Part 77 are liable to a fine of _____ and/or _____ with increased penalties thereafter as provided by Section 902(a) of the Federal Aviation Act of 1958 as amended.			