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# NEW MEXICO OIL CONSERVATION COMMISSION

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"/>			8. Farm or Lease Name		
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			Peterson "A"		
2. Name of Operator The Desana Corporation			9. Well No. 1		
3. Address of Operator 600 Bldg. of the Southwest, Midland, Texas 79701			10. Field and Pool, or Wildcat Wildcat		
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 18 TWP. 4-S RGE. 33-E NMPM			12. County Roosevelt		
19. Proposed Depth 8700'			19A. Formation Fusselman		20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4394' GL		21A. Kind & Status Plug. Bond \$50,000 State Wide	21B. Drilling Contractor Wilbros Drilling Co.		22. Approx. Date Work will start February 5, 1982

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8"	48#	350'	450	Surface
11"	8-5/8"	24#	2000'	750	Surface
7-7/8"	4 1/2"	10.50 & 11.60#	8700'	700	4700

Surface String: This string will be cemented w/450 sx Class "C" cement containing 2% Calcium Chloride. The volume is designed to circulate cement to surface. Cement volume is over 100% excess.

Intermediate String:

This string will be cemented w/500 sx of Halliburton light cement containing 5# Gilsontite & 1/4# Flocele/sx, tailing in w/250 sx Class "C" neat cement. The volume of cement incorporates 150% excess and is designed to circulate cement to surface.

Production String:

This string will be cemented w/500 sx of Halliburton light and 200 sx of 50-50 Incon Pox cement containing 12% salt and 1/2 CFR-2. This volume is designed to bring cement back to 4700' and incorporates 40% excess.

Gas is not dedicated. BOP program is attached.

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 Tom R. Cook Title Production Superintendent Date January 7, 1982

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 7/18/82  
UNLESS DRILLING UNDERWAY

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:

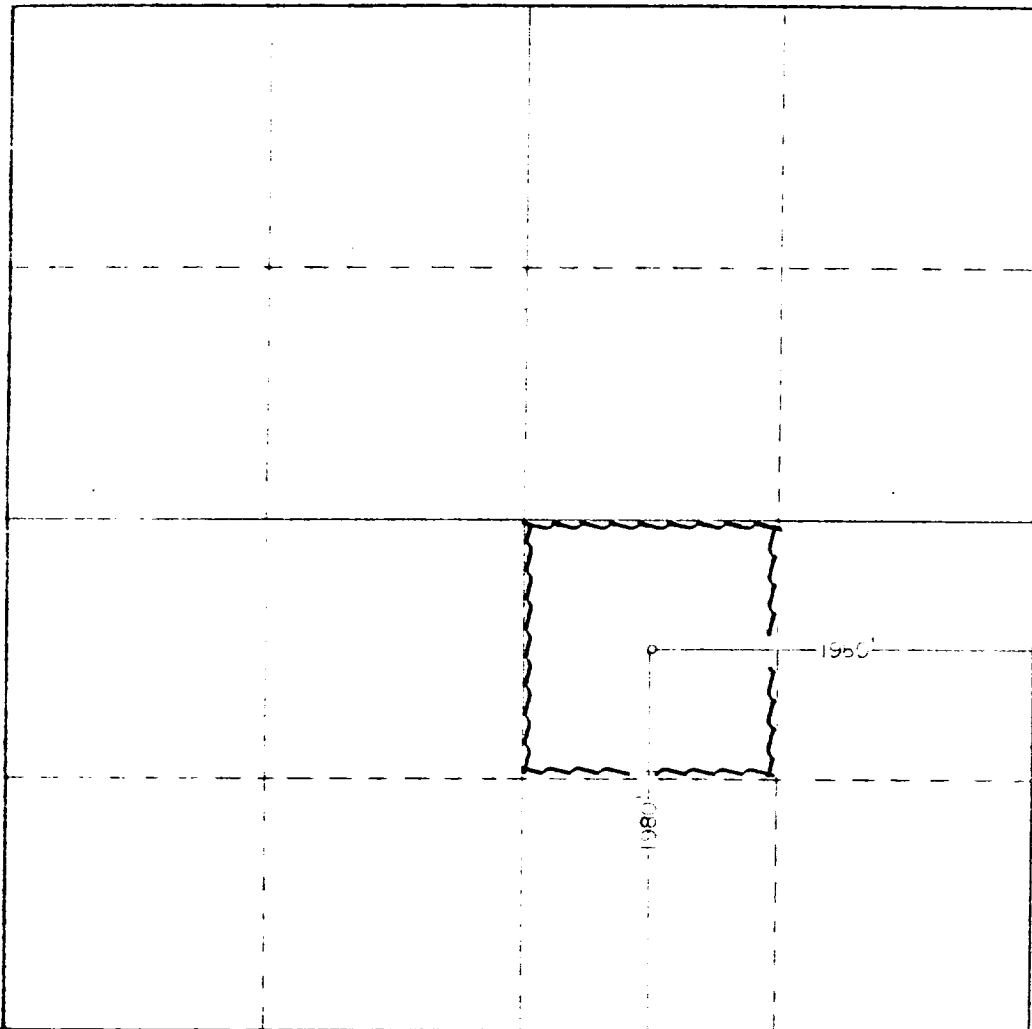
Owner <b>THE DESANA CORP.</b>			Lease <b>PETERSON "A"</b>		Well No. <b>1</b>
Section Letter <b>J</b>	Section <b>18</b>	Township <b>4 SOUTH</b>	Range <b>33 EAST</b>	County <b>ROOSEVELT</b>	
Annual Production Limitation of Well: <b>1980</b> feet from the <b>EAST</b> line and <b>1980</b> feet from the <b>SOUTH</b> line					
Produced Level Elev. <b>4393.9</b>	Producing Formation <b>Fusselman</b>		Pool <b>Wildcat</b>		Production Acreage <b>40</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, force-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.

*Tom R. Cook*

Name  
**Tom R. Cook**

Position  
**Production Superintendent**

Company  
**The Desana Corporation**

Date  
**January 7, 1982**

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

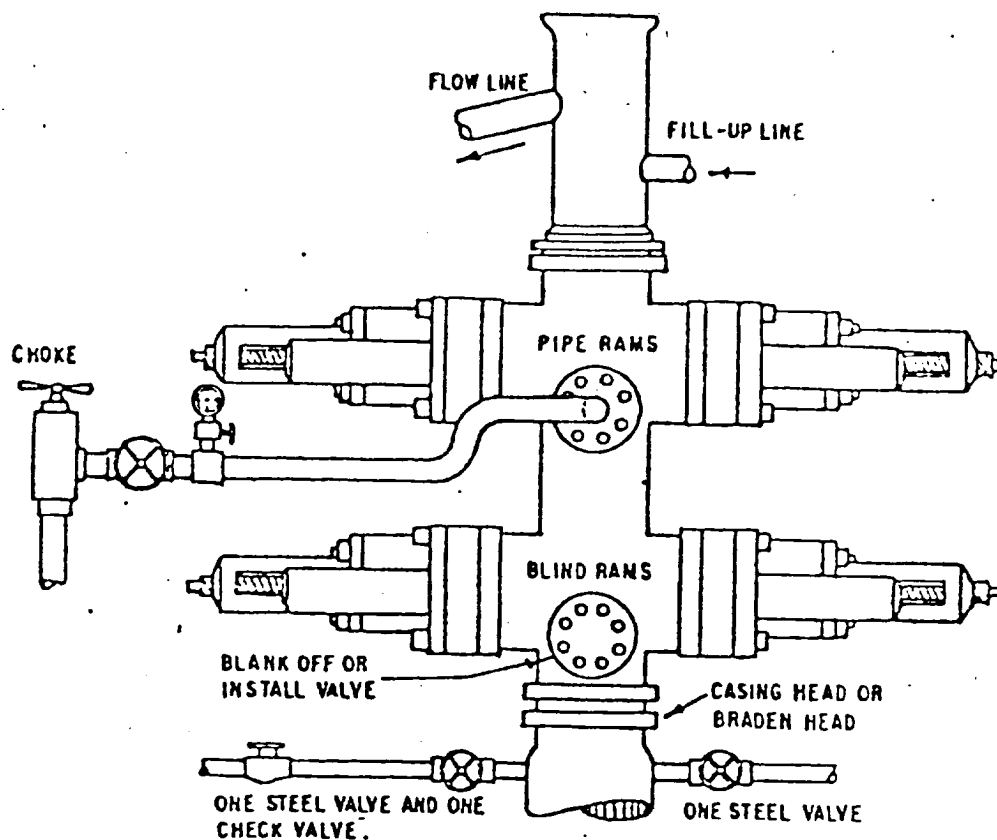
Date Surveyed  
**12-23-81**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **JOHN W. WEST 676**  
**PATRICK A. ROMEO 6663**  
Revised 1-1-65 2070

33 90 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900



## THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- A. ONE DOUBLE GATE BLOWOUT PREVENTER WITH LOWER RAMS BLIND AND UPPER RAMS FOR PIPE, ALL HYDRAULICALLY CONTROLLED. OPENING ON PREVENTERS BETWEEN RAMS.
- B. OPENING TO BE FLANGED, STUDDED OR CLAMPED AND AT LEAST TWO INCHES DIAMETER.
- C. ALL CONNECTIONS FROM OPERATING MANIFOLD TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
- D. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE PREVENTERS.
- E. ALL CONNECTIONS TO AND FROM PREVENTERS TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P's.
- F. MANUAL CONTROLS TO BE INSTALLED BEFORE DRILLING CEMENT PLUG.
- G. VALVE TO CONTROL FLOW THROUGH DRILL PIPE TO BE LOCATED ON RIG FLOOR.
- H. CHOKE MAY BE EITHER POSITIVE OR ADJUSTABLE. Choke spool may be used between rams.

ONE HYDRAULIC DUAL BLOWOUT PREVENTER

RECEIVED

JAN 11 1982

O. C. D.  
ARTESIA, OFFICE

JAN 11 1982

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