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NEW MEXICO OIL CONSERVATION COMMISSION

SEP 24 1981

C. C. D.  
ARTESIA, OFFICE

30-015-23944

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. LG 3006
7. Unit Agreement Name
8. Farm or Lease Name State "AL"
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat Bone Spring
12. County Eddy
19. Proposed Depth 5700
19A. Formation Bone Spring
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4093 GL
21A. Kind & Status Plug. Bond \$50,000 state wide
21B. Drilling Contractor Wes Tex Drilling
22. Approx. Date Work will start October 20, 1981

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"/>
5. 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"/>
2. Name of Operator The Desana Corporation
3. Address of Operator 600 Bldg. of the Southwest Midland, Texas 79701
4. Location of Well UNIT LETTER L LOCATED 660 FEET FROM THE West LINE AND 1980 FEET FROM THE South LINE OF SEC. 10 TWP. 24-S RGE. 25-E NMPM
19. Proposed Depth 5700
19A. Formation Bone Spring
20. Rotary or C.T. Rotary
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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"	23.48	425	450	surface
11"	8-5/8"	24.32	3000	1300	surface
7-7/8"	4 1/2"	10.50	5700	800	2400

Surface Pipe: This string be cemented with 450 sacks of 'Class 'C' cement containing 2% calcium chloride. This volume is designed to circulate cement and incorporates 100% excess.

Intermediate String: This string be cemented with 1000 sacks of Halliburton Light Cement containing 5 lb/sack Gilsonite and 1/4 lb/sack Flocele, tailing in with 300 sacks of Class 'C' neat cement. These figures are designed to circulate cement and incorporate 100% excess.

Production String: This string be cemented with 800 sacks of 50-50 Poz-C cement containing 6 lb/sack salt, 2% gel, and .5% CFR-2. This figure is designed to bring cement back to 2400 feet and incorporates 50% excess.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3-29-82  
UNLESS DRILLING UNDERWAY

BOP program is attached. Gas is not dedicated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE; GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jon R. Cook Title Production Superintendent Date September 10, 1981  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 29 1981  
CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" & 8 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 7/8" casing

Posted ID-1  
API + NL Book  
10-2-81

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

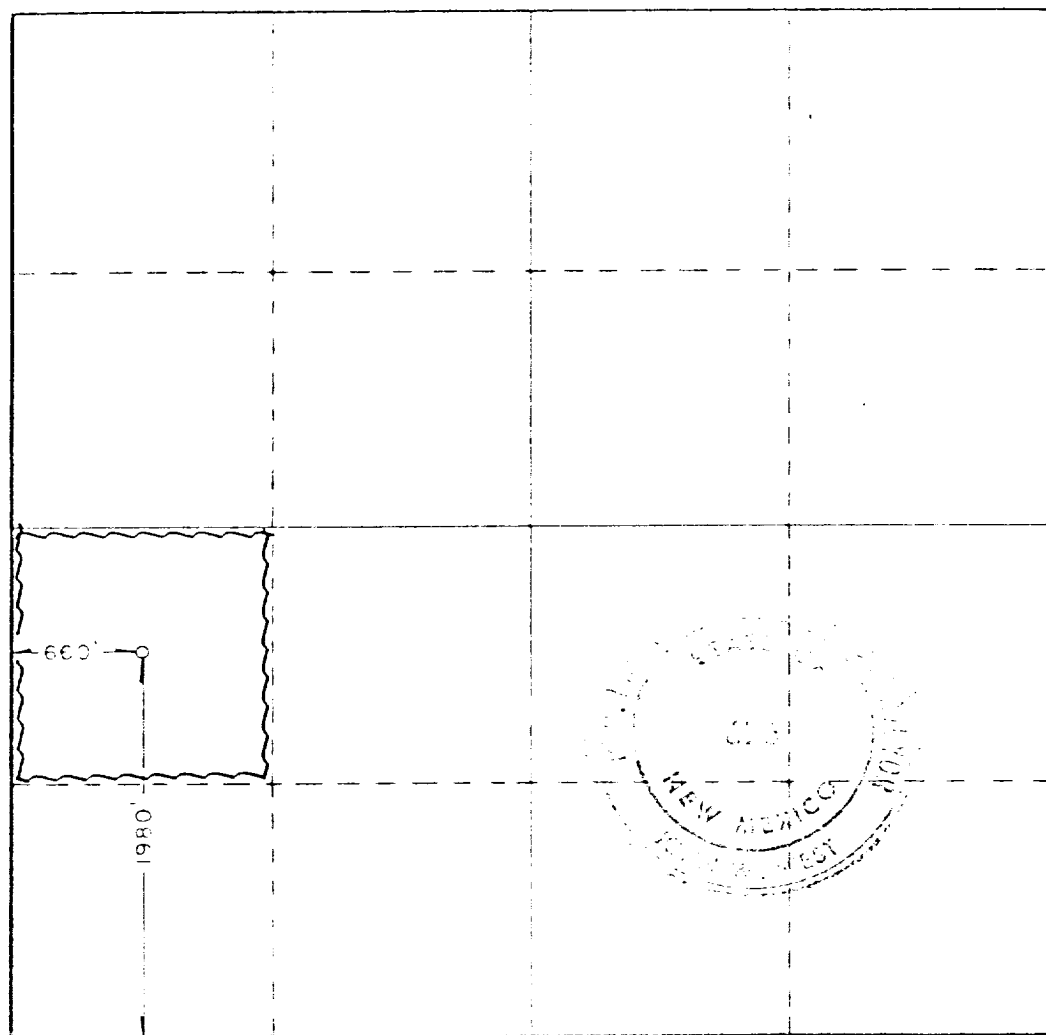
The Desana Corporation			State AL			1		
Section	Range	Township	Section	Range	Township	Section	Range	Township
L	10	24 South	25 East	Eddy				
Acreage Dedication of Well: 1980 feet from the south side of 660 feet from the west side 4093.19 Bone Spring 660 Bone Spring 40								

- 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 ownership 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*

Tom R. Cook

Production Supt.

Desana Corp.

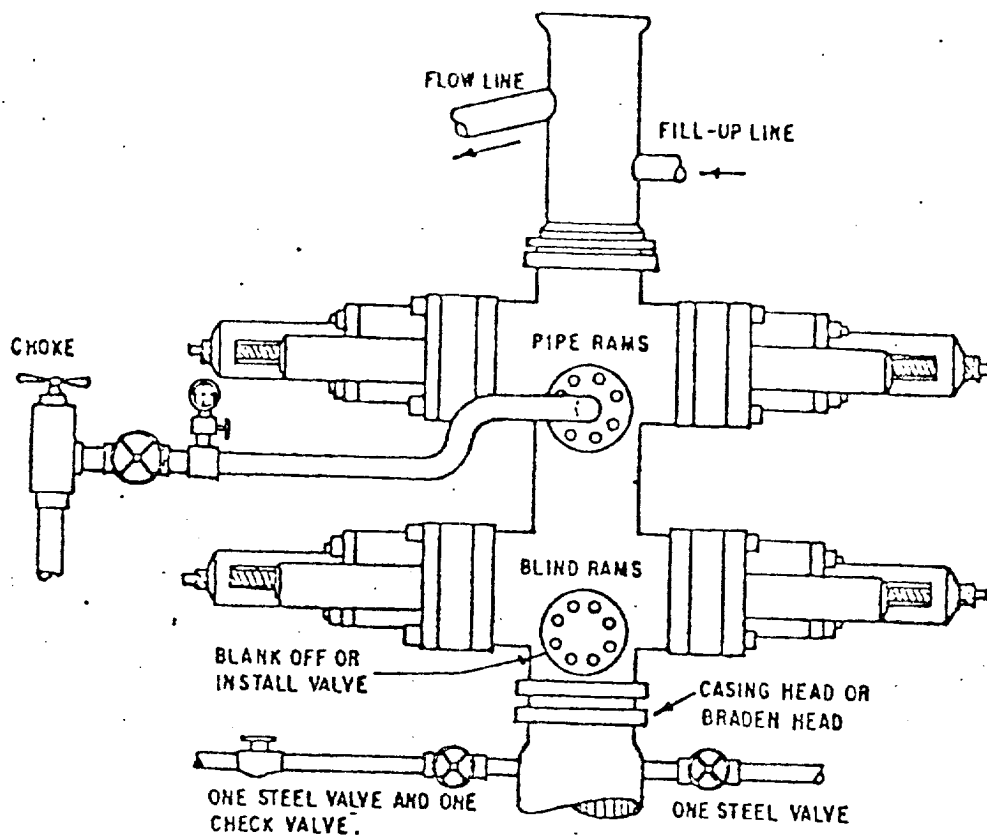
August 17, 1981

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  
8-8-81

Registered Professional Engineer  
and or Land Surveyor

*John W. West*  
Certificate No. JOHN W. WEST 676  
PATRICK A. ROMERO 6582  
Ronald J. Edgson 3238



### 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