

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 0560261
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
2. NAME OF OPERATOR The Desana Corporation		7. UNIT AGREEMENT NAME --
3. ADDRESS OF OPERATOR 610 Vaughn Building, Midland, Texas 79701		8. FARM OR LEASE NAME Federal 8
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 766' FNL & 1874' FWL of Section 8, T8S R38E Roosevelt County, New Mexico At proposed prod. zone Same		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 1/2 miles west of Bledsoe, Texas		10. FIELD AND POOL, OR WILDCAT Bluitt S.A. Assoc.
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 320	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, 8 South, 38 East
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 4800'	12. COUNTY OR PARISH Roosevelt
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3995.1 GR		13. STATE NM
22. APPROX. DATE WORK WILL START* March 29, 1974		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 3/4"	8 5/8"	24#	350'	Sufficient to circulate
7 7/8"	5 1/2"	14# & 15.5#	4800'	Est. 300 sxs.

Proposed Program: Drill to 350', set 8 5/8" casing and cement to surface, then drill to pay at approximately 4800' and run drill stem test. If test indicates productive formation, 5 1/2" production casing will be run to total depth and cemented with 300 sacks. (Well will be logged prior to running casing.) Well will be perforated opposite pay and stimulated with 3000 gallons of acid and completed as a flowing or pumping well in the San Andres Dolomite. (Please refer to attached plat for blowout preventer diagram.)

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.

24. SIGNED Arthur R. Brown TITLE President DATE March 6, 1974
(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY: _____

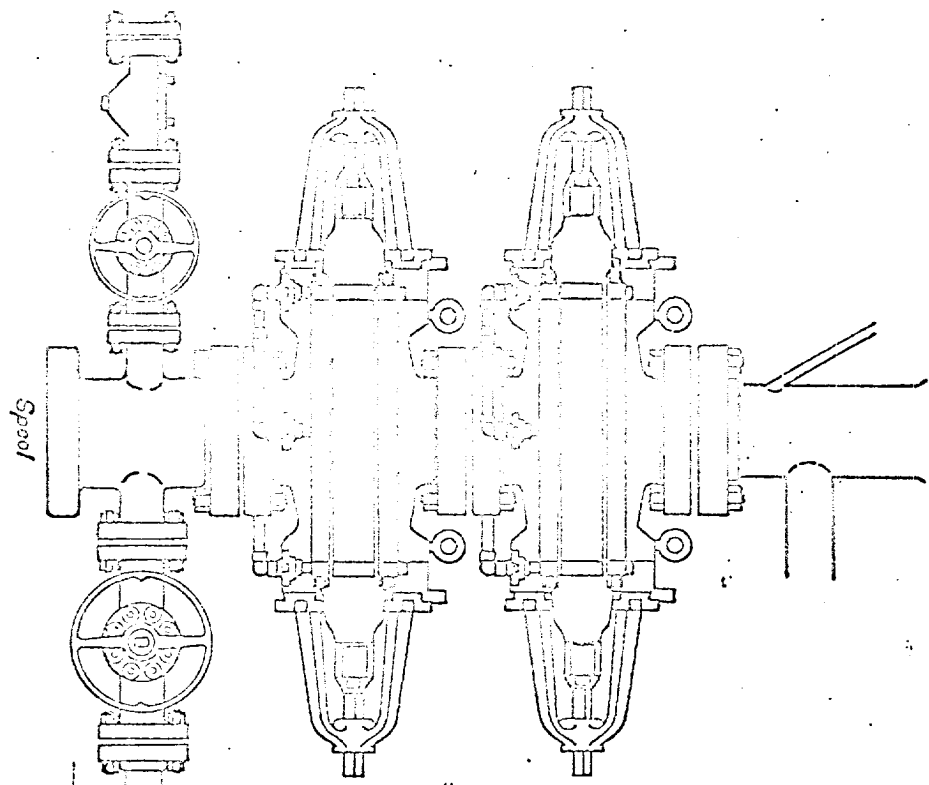
TITLE _____

APPROVED

MAR 11 1974

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side



3000 # Hyd. BOP

1000 1000

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes Form
1-10-1963

All distances must be from the outer boundaries of the Section

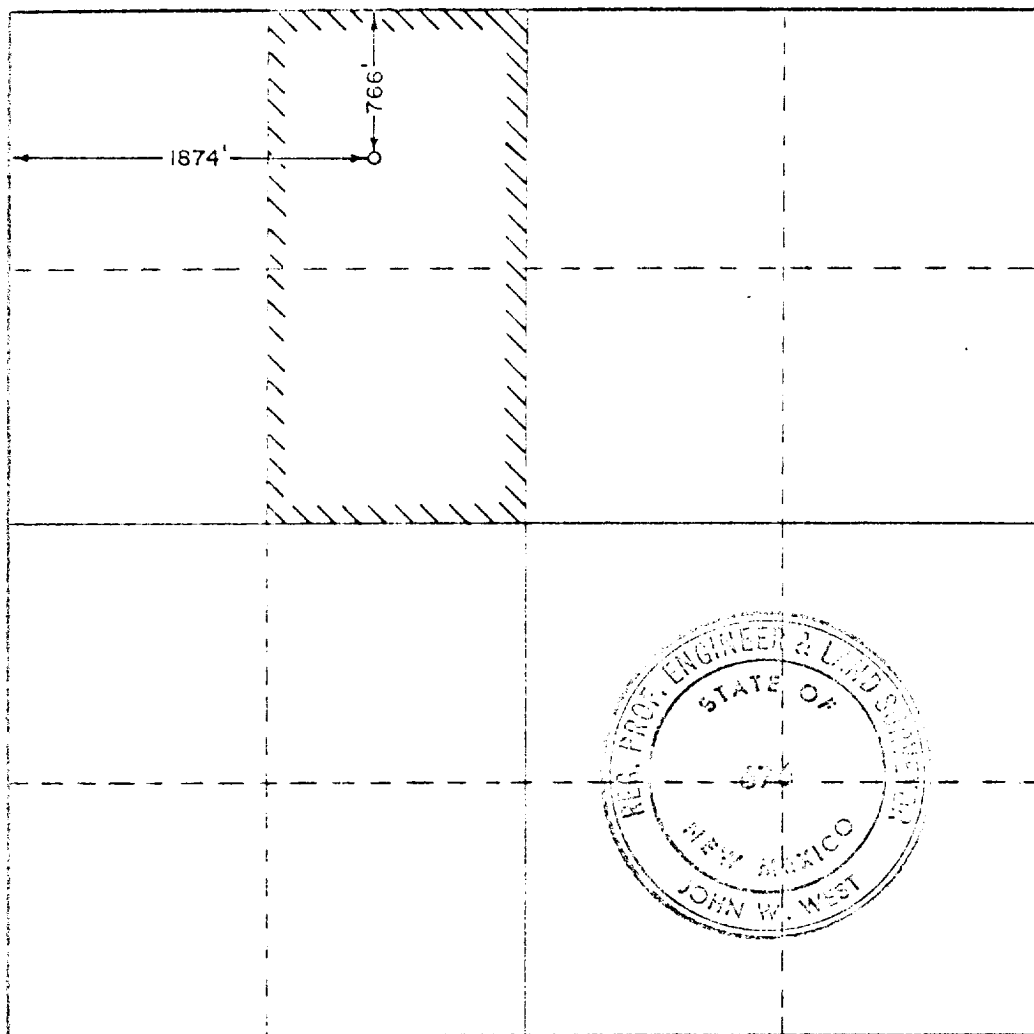
THE DESANA CORP.			Lease FEDERAL 8		Well No. 2
Section C	Section 8	Township 8 SOUTH	Range 38 EAST	County ROOSEVELT	
Actual Well Location of Well: 766 feet from the NORTH line and 1874 feet from the WEST line					
Surface Area 3995.1	Underlying Formation SAN ANDRES	Pool BLUITT S.A. ASSOC.		Dedicated Acreage E $\frac{1}{2}$, NW $\frac{1}{4}$ 80	

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: James E. Hartz
Position: President
Company: The Desana Corporation
Date: March 8, 1974

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: MARCH 6, 1974
Registered Professional Engineer and/or Land Surveyor

Signature: John W. West
676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

THE DESANA CORPORATION

610 VAUGHN BUILDING
MIDLAND, TEXAS 79701

DARRELL E. SMITH
PRESIDENT

JESSE L. DALLY
VICE PRESIDENT

PHONE
915-683-5266

March 6, 1974

United States Department
of the Interior
Geological Survey
Post Office Box 1157
Hobbs, New Mexico 88240

Attention: Mr. Arthur R. Brown

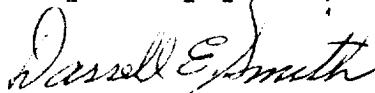
Re: Development Plan for
Surface Use
The Desana Corporation
Federal 8 No. 2

Gentlemen:

The following Development Plan for Surface Use is submitted in conjunction with our Application for Permit to Drill The Desana Corporation Federal 8 No. 2, Section 8, TWP 8 South, Range 38, East, Roosevelt County, New Mexico:

1. Existing Roads (Please refer to plat No. 1)
2. Planned Access Road (Please refer to plat No. 1)
3. Location of Existing Wells (Please refer to plat No. 2)
4. Lateral Roads (Please refer to plat No. 1)
5. Location of Tank Batteries, etc. (Please refer to plat No. 3)
6. Water Supply--To be hauled to location by truck
7. Waste Disposal--To be hauled from location by truck
8. Camps--none planned
9. Airstrips--none planned
10. Location Layout (Please refer to plat No. 3)
11. Surface restoration--In event of dry hole, all pits will be filled and leveled to original state as soon as weather permits. In the event of a producer, only that portion of surface necessary to equip and produce the well will be used.
12. Other information--Please refer to plat No. 3.

Very truly yours,



Darrell E. Smith

DES/sm
Encls.

N

SCALE:

ONE MILE

DESANA #2
FEDERAL 8

PROPOSED
ACCESS ROAD*

DIRT ROAD

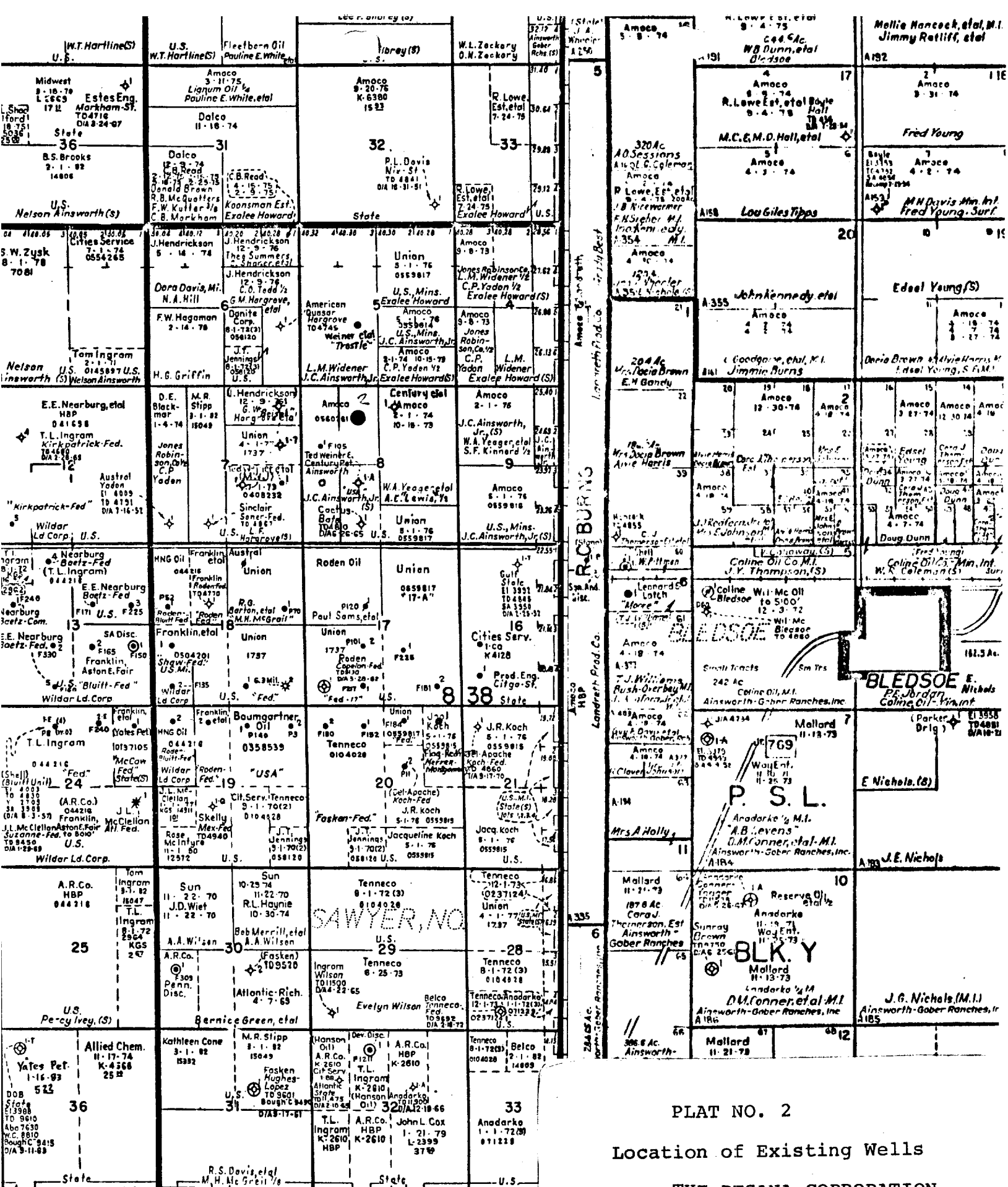
CALICHE LEASE ROAD

SECTION 8
TWP 8S
RNG 38E

PAVED ROAD

*NOTE: ROAD TO BE 12' WIDE
& 1800' LONG & CONSTRUCTED
OF 6" OF COMPACTED CALICHE

- PROPOSED SURFACE USE -
PLAT NO. 1
PLANNED ACCESS ROAD
FOR
THE DESANA CORPORATION
FEDERAL 8 NO. 2



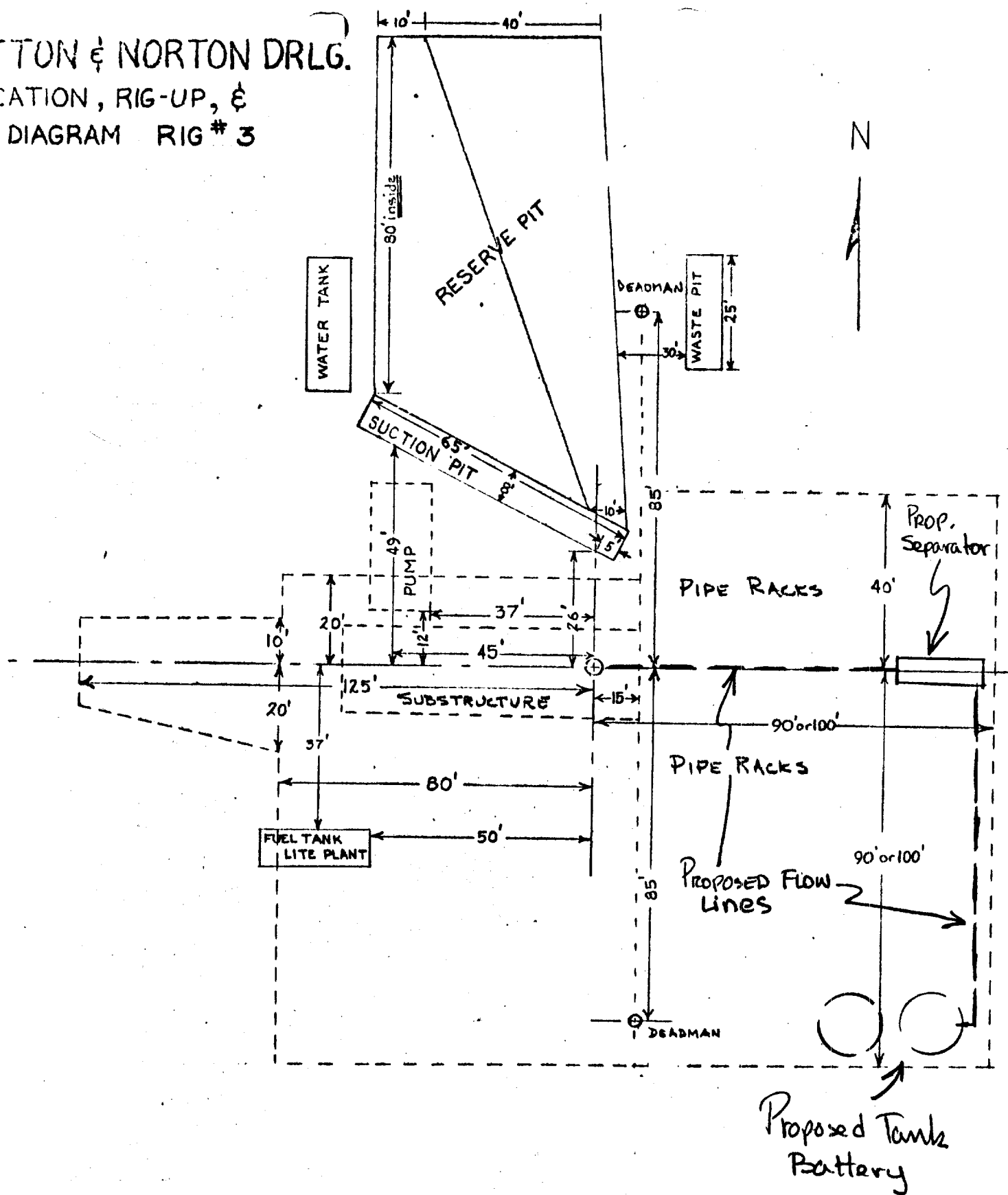
PLAT NO. 2

Location of Existing Wells

THE DESANA CORPORATION

Federal 8 No. 2

SITTON & NORTON DRLG.
LOCATION, RIG-UP, &
PIT DIAGRAM RIG # 3



Note: Soil is sandy
Terrain is flat
Vegetation is primarily
Shinnery

PLAT NO. 3
DRILLING & COMPLETION
EQUIPMENT
DESANA #2 FEDERAL 8
0.10.72