

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. MM 13419	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR Sundance Oil Co.			7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR Dr. I, Artesia, New Mexico 88210			8. FARM OR LEASE NAME Paye Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 660 From North Line, 1980 From East Line At proposed prod. zone San Andres			9. WELL NO. #4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 mi. East of Elkins			10. FIELD AND POOL, OR WILDCAT Tom Tom	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660		16. NO. OF ACRES IN LEASE 760.84		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320		19. PROPOSED DEPTH 4100		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4282.4' GL			22. APPROX. DATE WORK WILL START* Upon Approval	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	400	200sx
7 7/8	4 1/2	11.6	4100	300sx

Test & log to evaluate before setting casing.

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SEP - 2 1975
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 W. N. Morgan TITLE Subt. Permian Basin Op. DATE 9-2-75

(This space for Federal or State office use)

APPROVED
SEP 2 1975
T. L. SEEKWAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES DEC 9 - 1975
*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GOVERNMENT PRINTING OFFICE : 1963-O-711-396
839-171

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SEP 17 1975

D. C. C.
ARTESIA, OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

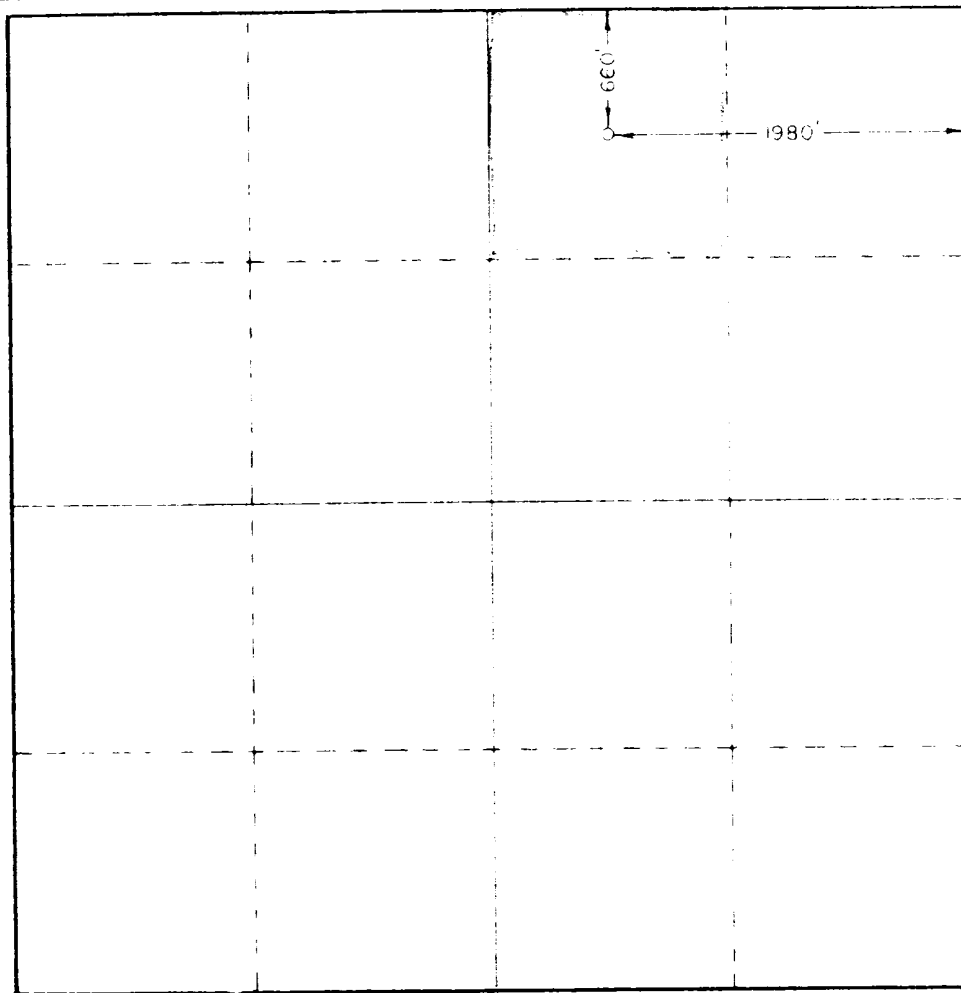
Operator Sundance Oil Company			Lease Paye Federal		Well No. 4
Section B	Section 4	Township 8 South	Range 31 East	County Chaves	
Actual Placement of Well					
660	feet from the	North	line and	1980	feet from the
Ground Level Elev.		Producing Formation		Estimated Age of Well	
4282.4		San Andres		40	

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 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

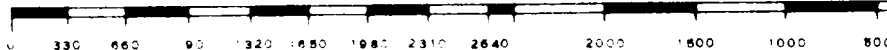
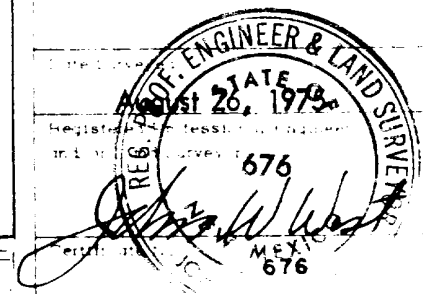


CERTIFICATION

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

By
W.M. Morgan
Operator
Sept. Permian Basin Op.
For
Sundance Oil Co.
Date
Sept. 2, 1975

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.



SUNDANCE OIL COMPANY
Drawer I
Artesia, New Mexico 88210

DEVELOPMENT PLAN FOR SURFACE USE

UNITED STATES GEOLOGICAL SURVEY

PERMIAN BASIN AREA

Date: 9-2-1975

Well: Paye Federal #4 Location Sec 4 T8S 31E

1. Existing roads including location of the exit from the main highway.
see attached maps
2. Planned access roads see attached plat
3. Location of existing wells see attached plat
4. Lateral roads to well location see attached plat
5. Location of tank batteries and flow lines Flow lines to follow
roads to central battery in center of sec 4.
6. Location and type of water supply (rivers, creeks, lakes, ponds, well, etc.)
Water will be hauled from crossroads.
7. Methods for handling waste disposal Buried in reserve pit. Minimum 24".

8. Location of camps. none
9. Location of airstrips. none
10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc., see attached plat
11. Plans for restoration of the surface should not be necessary
12. Any other information that may be used in evaluating the impact on environment. Include general description of the topography, vegetation, and other aspects of the area.
- The area of this well is sand dunes with scruboak,
- beargrass, and very sparse vegetation. The lateral
- roads are over the same terrain.

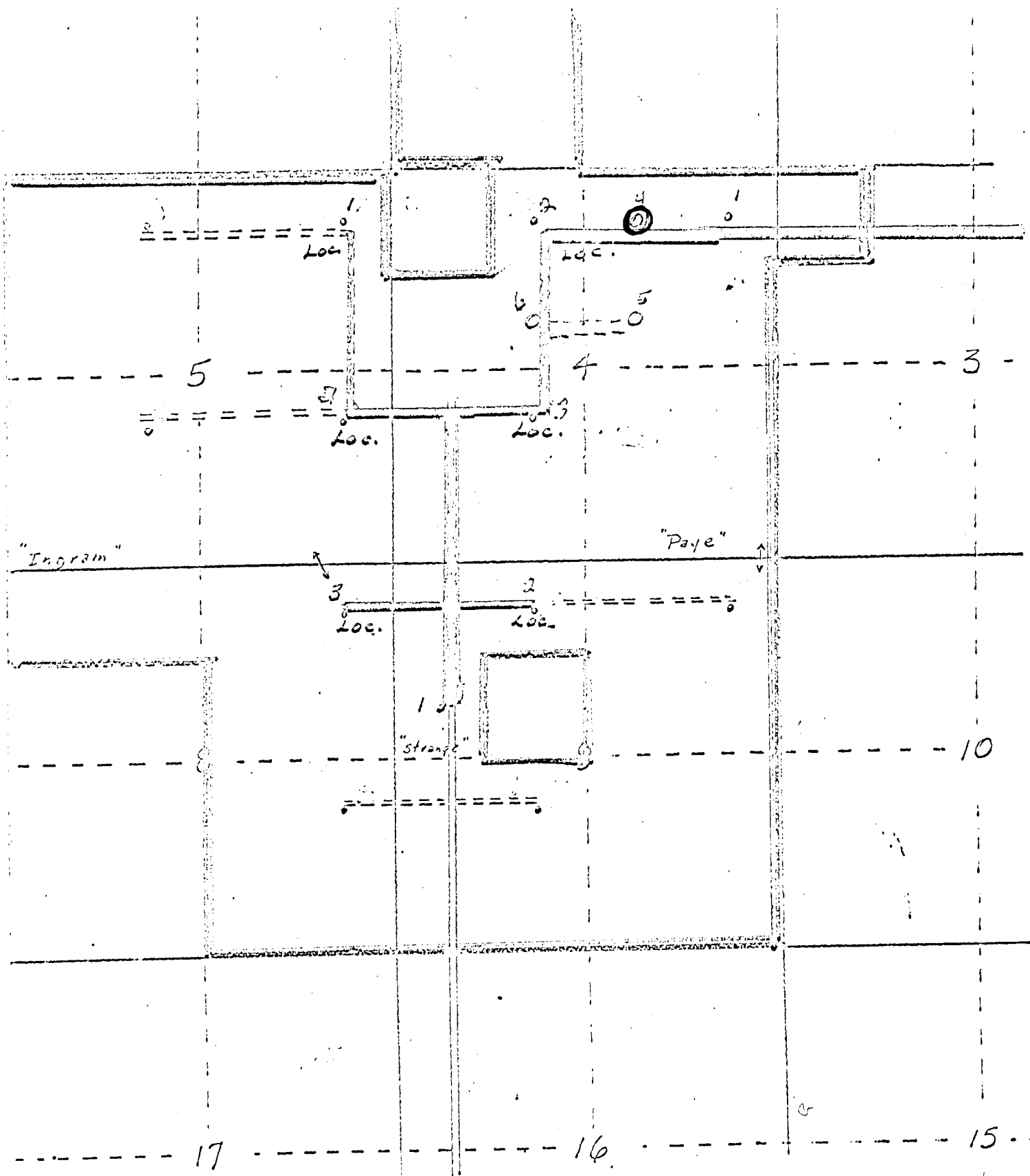
Company Sundance Oil Co.

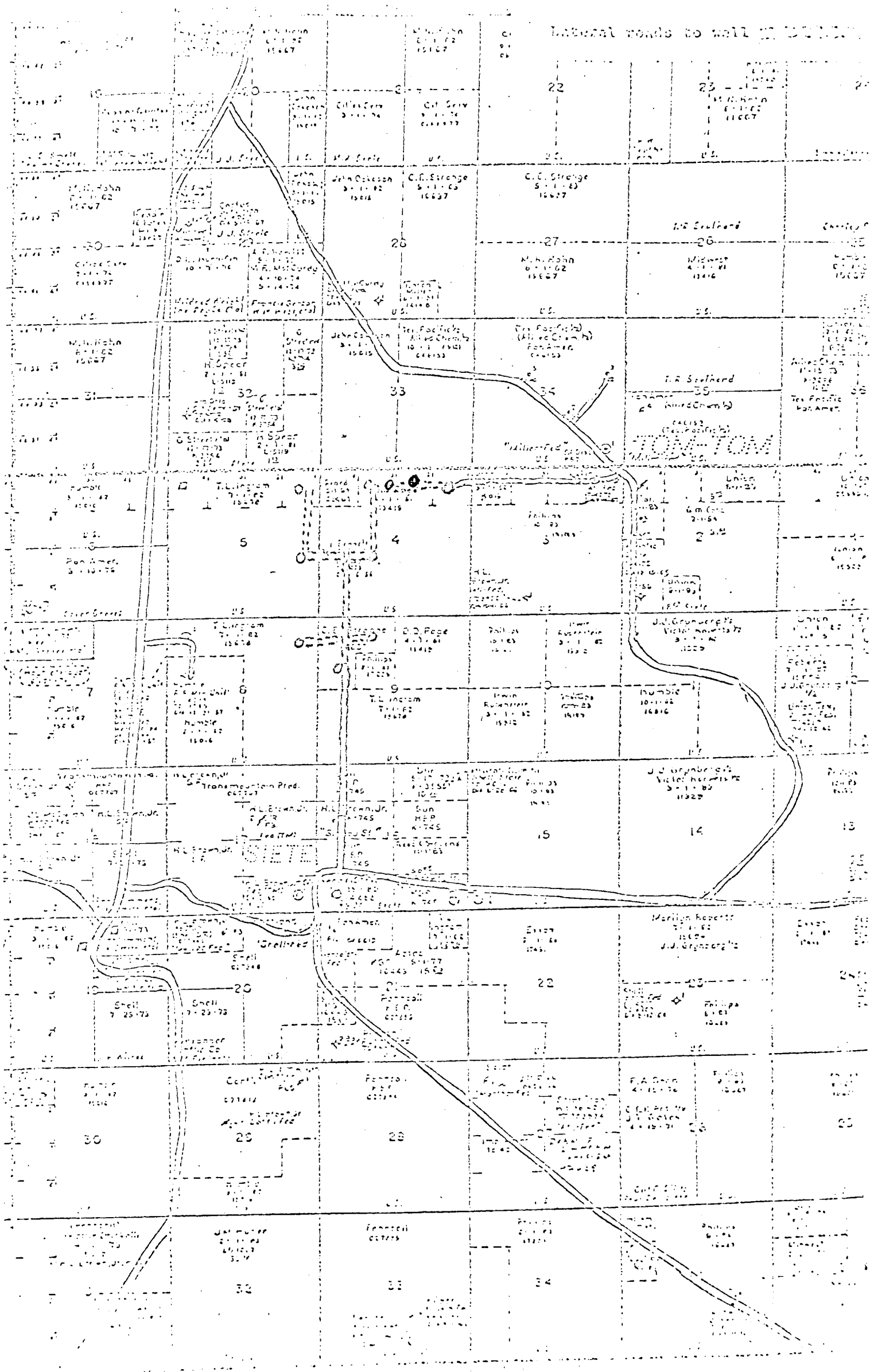
Representative M. N. Morgan

Phone: Ofc. 748-2166 Home 748-2325

Address Drawer I

Artesia, New Mexico 88210





SUNDANCE OIL COMPANY

Existing roads

Planned access roads

Lateral roads to well

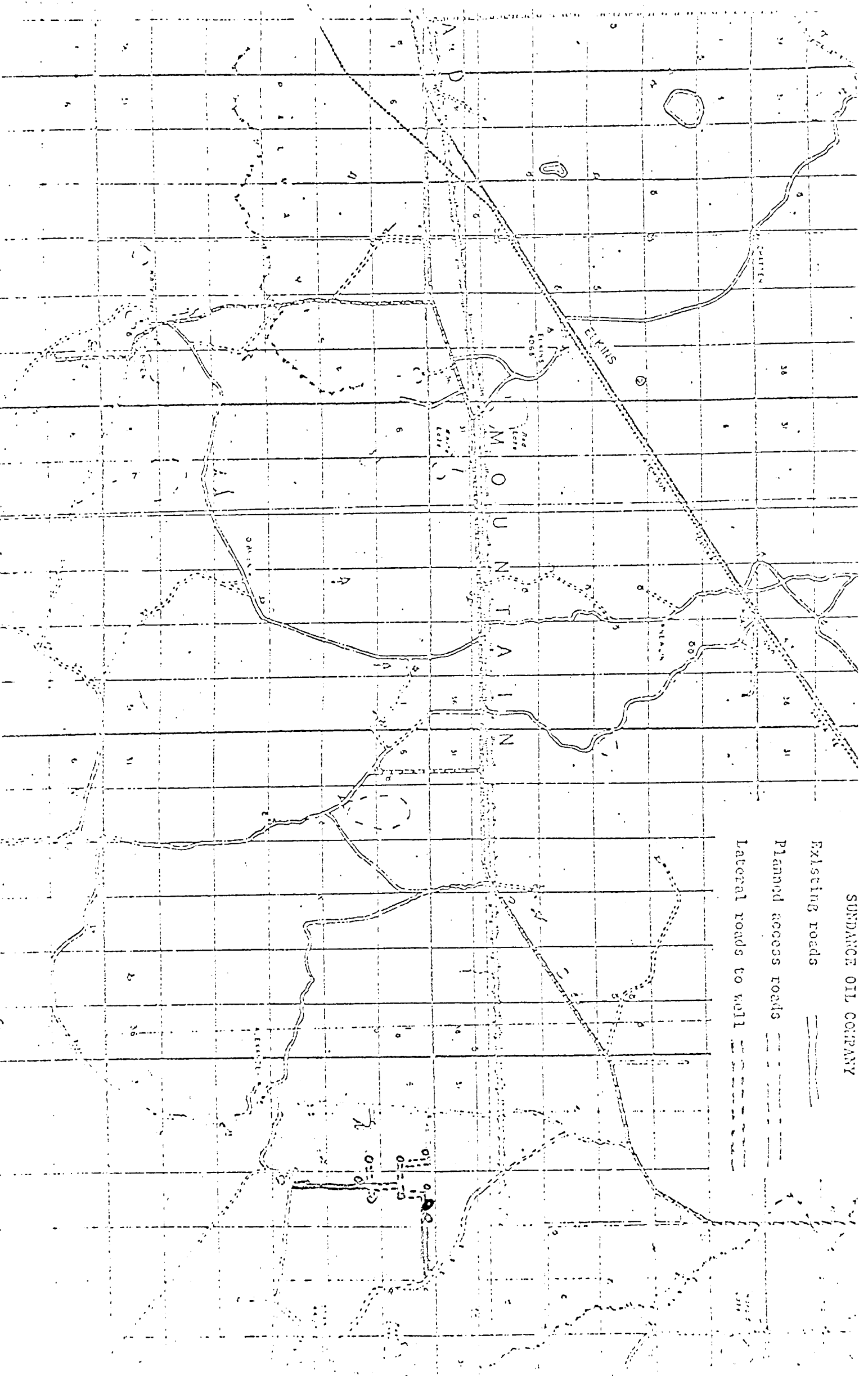
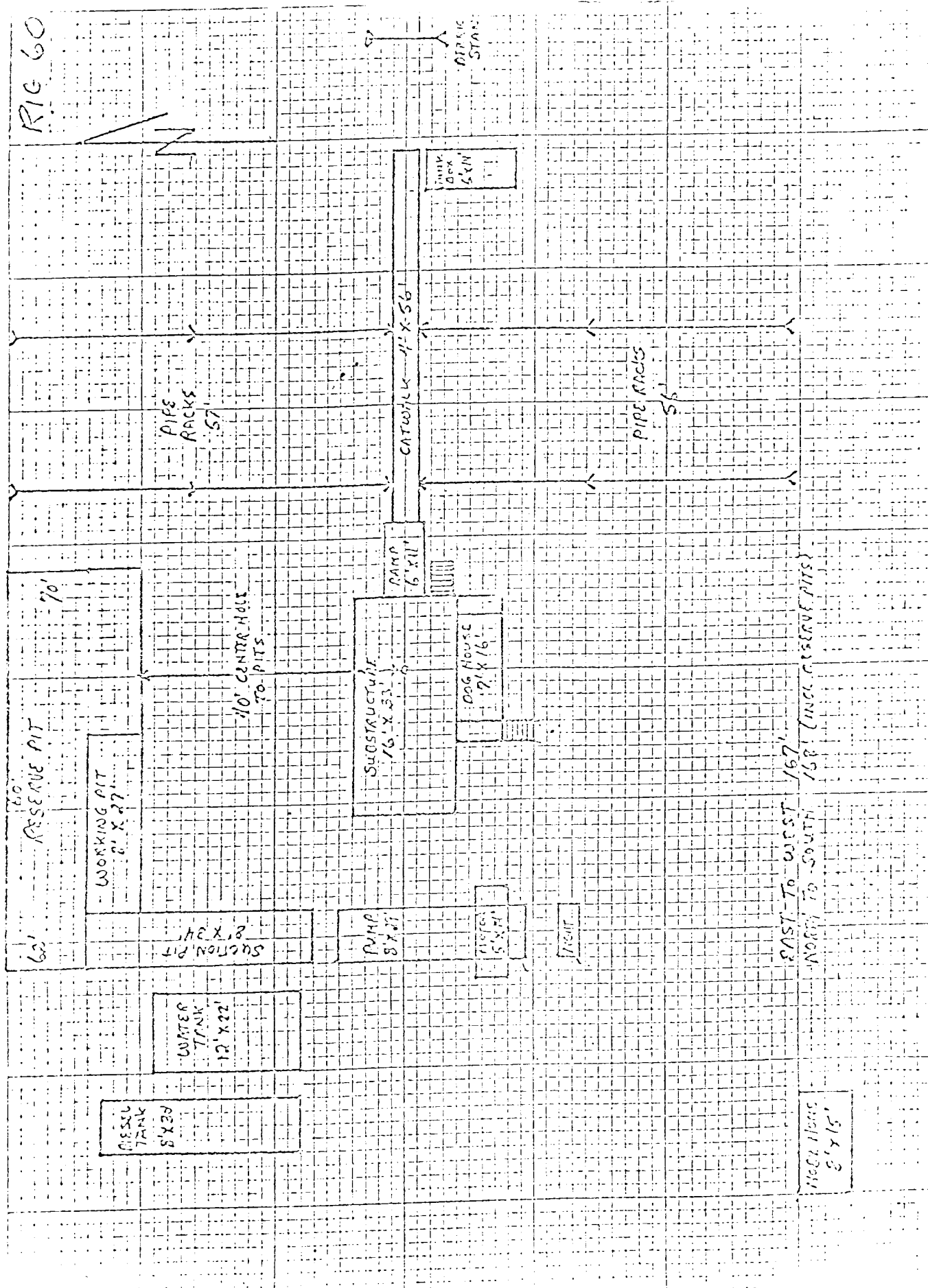
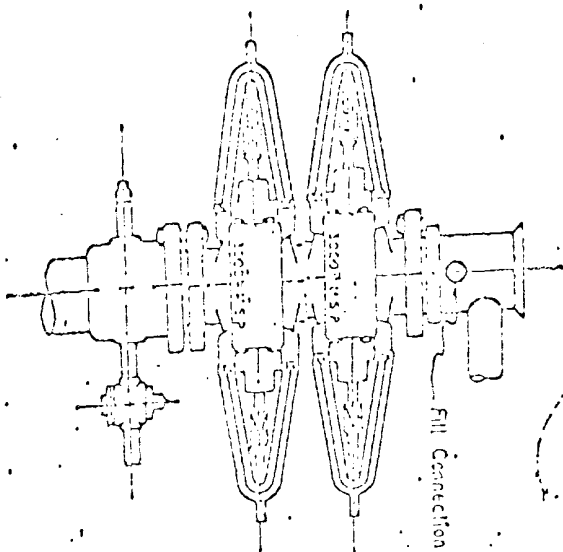


Fig. 60





3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 500 Fronges, or Beller