

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: DRILL [X] DEEPEN [] PLUG BACK []

2. TYPE OF WELL: OIL WELL [X] GAS WELL [] OTHER []

3. NAME OF OPERATOR: Marathon Oil Company

4. ADDRESS OF OPERATOR: 1500 Main Building Houston, Texas 77002

5. LOCATION OF WELL (Indicate location clearly and in accordance with any State requirements.): 660' From North Line 1980' From West Line

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 15 miles East of Elkins

7. DISTANCE FROM NEAREST LOCATION TO FINEST PROPERTY OR TOWN LINE, FT. (Apply to north, south, east, west line, if any): 660

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.: 2640

9. PROPOSED DEPTH: 4100

10. EQUIPMENT (Flow whether LF, RT, (GR) etc.): 266.4

11. APPROX. DATE WORK WILL START: 5 weeks

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF PIPE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows show 12 1/4 and 7 7/8 casing sizes.

Log, evaluate and complete in San Andres.

5. FEDERAL WELL LOG NUMBER: 133 13419
6. FEDERAL WELL LOG TYPE OR TRIBE NAME
7. UNIT ASSIGNMENT NAME
8. FORM NO.
9. WELL NO. 32
10. FIELD AND POOL OR WELL CAT: Com Tom and San Andres
11. TOWNSHIP, RANGE, MERIDIAN AND SURVEY OR AREA: Sec 4 T8S R31E
12. COUNTY OR PARISH: Chaves
13. STATE: New Mexico

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12. IN ABOVE SPECIFY THE 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 prevention program, if any.

13. SIGNATURE: [Signature] TITLE: Gulf Coast Production Manager DATE: July 15, 1975

14. SIGNATURE: [Signature] APPROVAL DATE: []

APPROVED AUG 4 - 1975 H. L. BEEKMAN ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS. EXPIRES NOV 4 1975

*See Note on Reverse Side

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

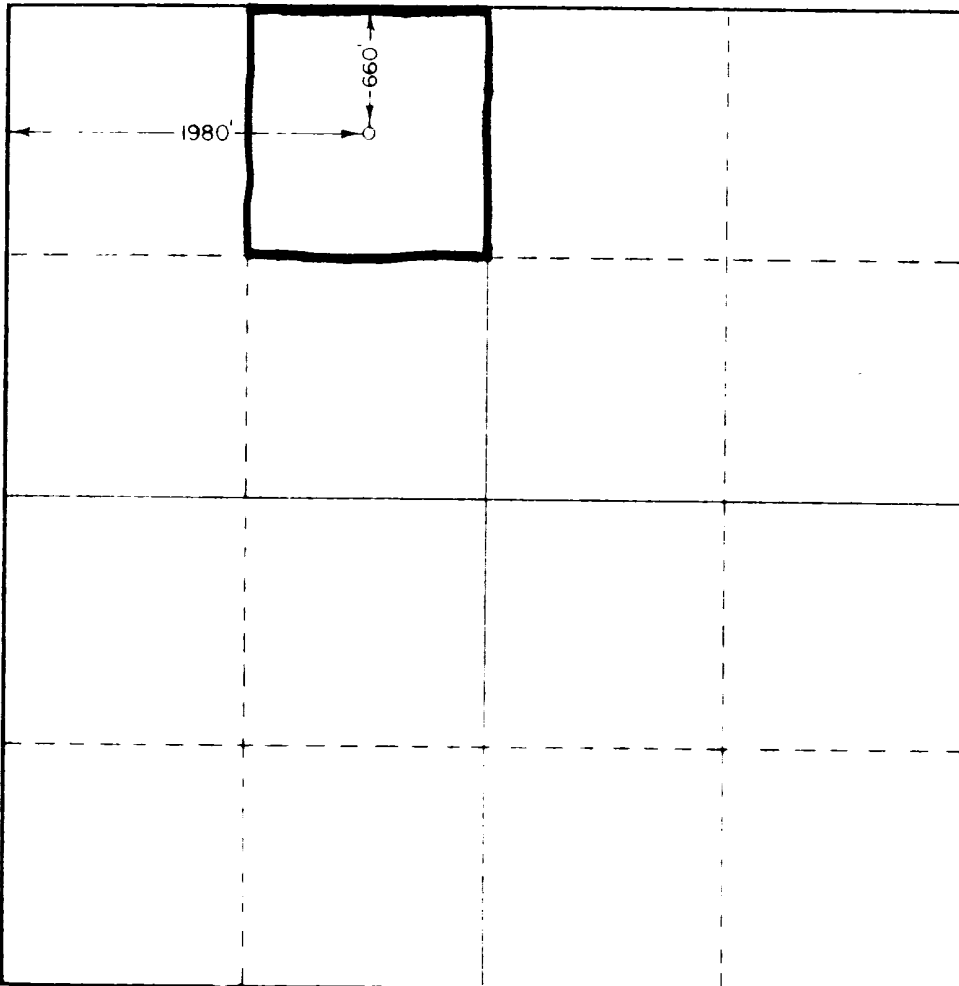
Sundance Oil Company			Lease PAVE-FED Federal Project		Well No. 2
Section C	Section 4	Township 8 South	Range 31 East	County Chaves	
A. Just for the Location of Well:					
660 feet from the North line and		1980 feet from the West line			
Ground Level Elev. 4266.4	Producing Formation San Andres	Pool Tom Tom	Dedicated Acreage: 40 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.

B. H. Wallace

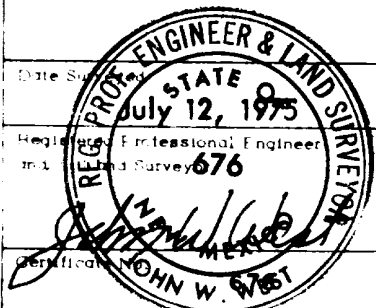
Name **B. H. Wallace**

Position **Gulf Coast Production Manager**

Company **Sundance Oil Company**

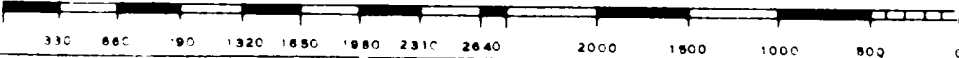
Date **July 18, 1975**

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.



Date Surveyed **July 12, 1975**
Registered Professional Engineer and Surveyor **676**

Certified by *[Signature]*
JOHN W. 5761





BETHUNE OIL COMPANY

DEVELOPMENT PLAN FOR SURFACE USE

UNITED STATES GEOLOGICAL SURVEY

Southern Rocky Mountain Area

Date: July 18, 1975

Well: ~~No. 2~~ **PR4E-FGD.** Location Sec 4 T8S R31E

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. Caliche roads will be required. See attached plat.
5. Location of tank batteries and flow lines. Tank battery is at the Federal Page 4
Well # 3
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 inches**
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.

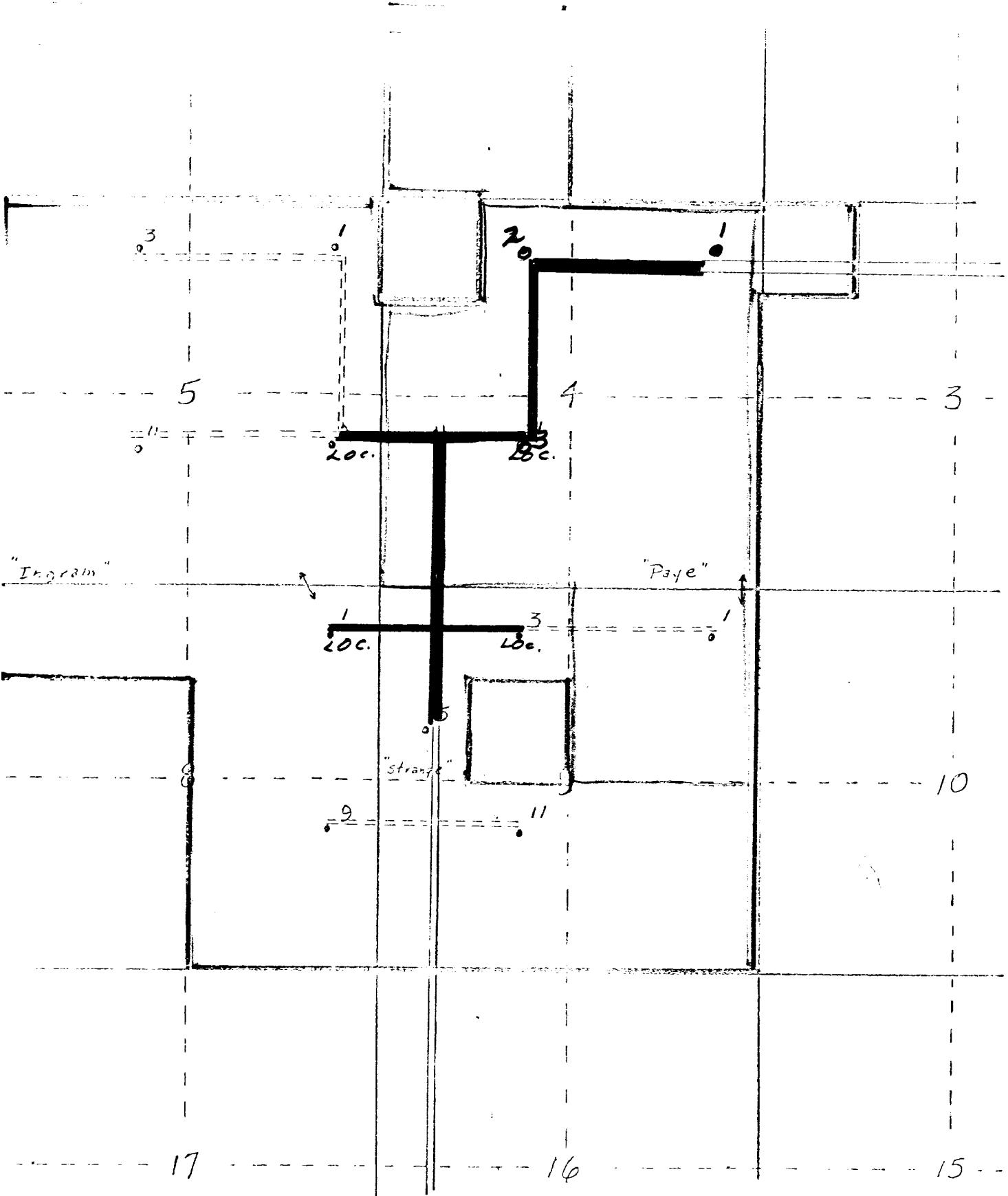
Company Sundance Oil Company

Representative T. S. Waller

Phone: Office 713-224-4526 Home 713-448-9812

Address: 1300 The Main Bldg.

Houston, TX 77002



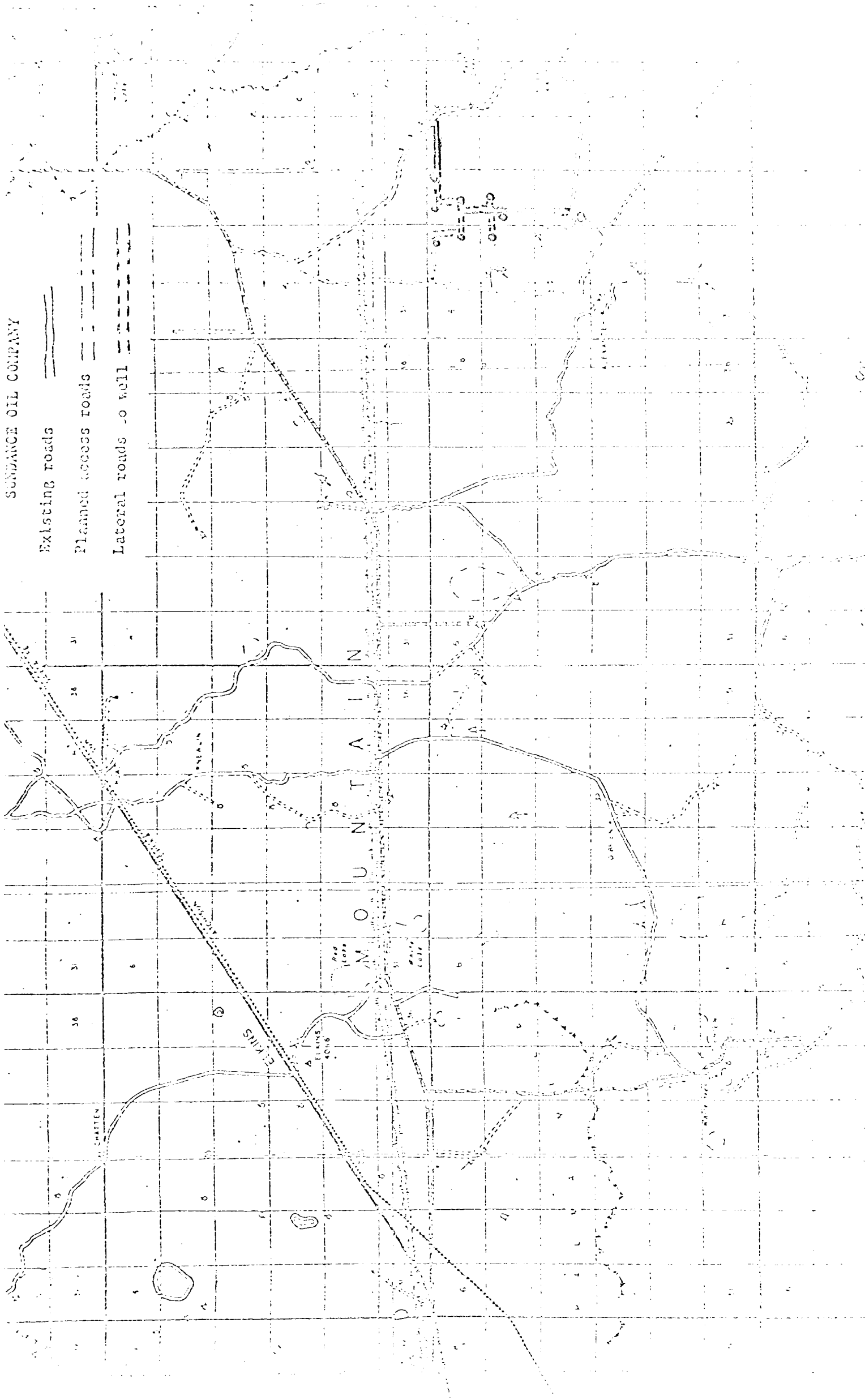
== == present road
 - - - - proposed road

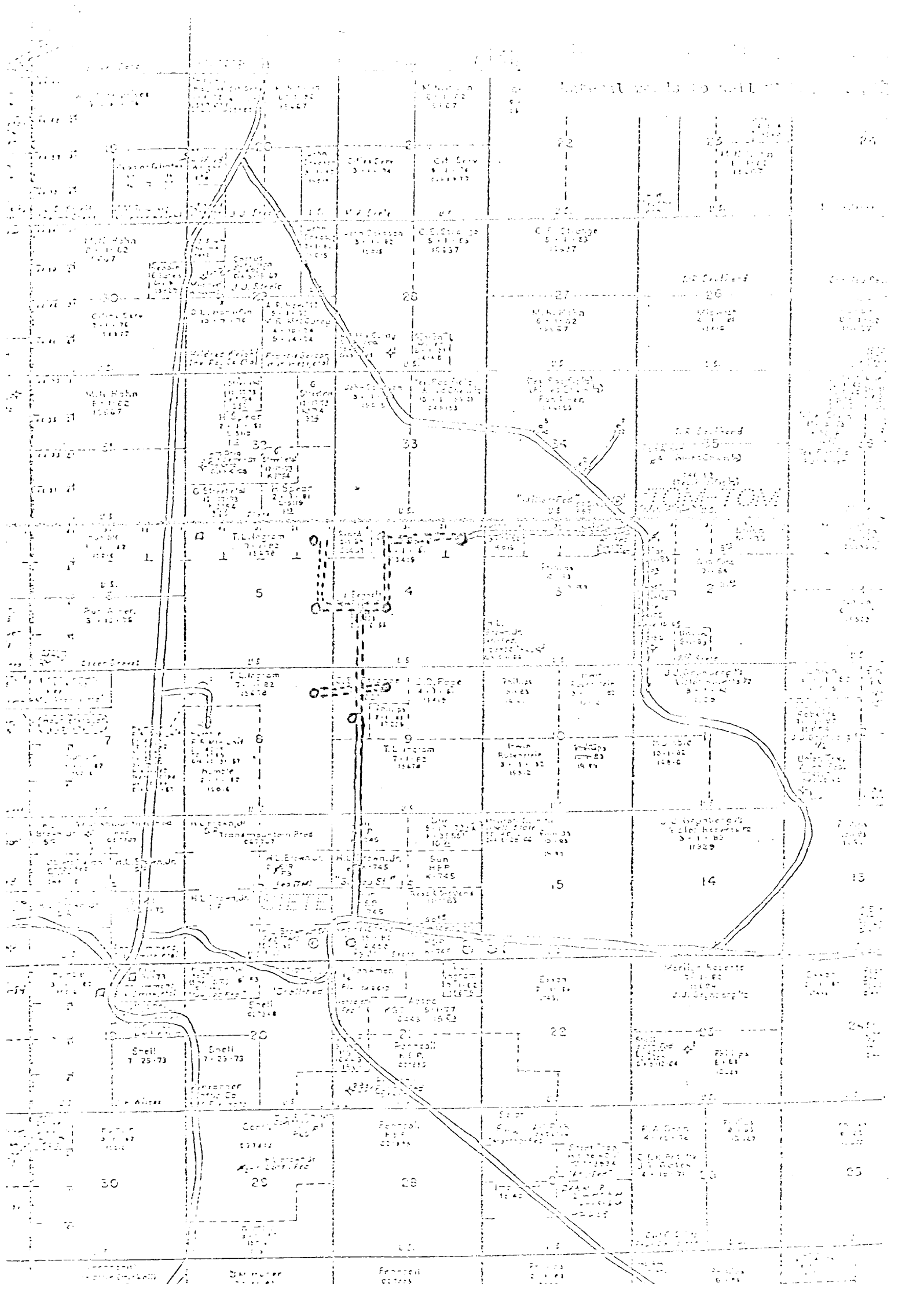
SUNDANCE OIL COMPANY

Existing roads

Planned access roads

Lateral roads to well





Section 20

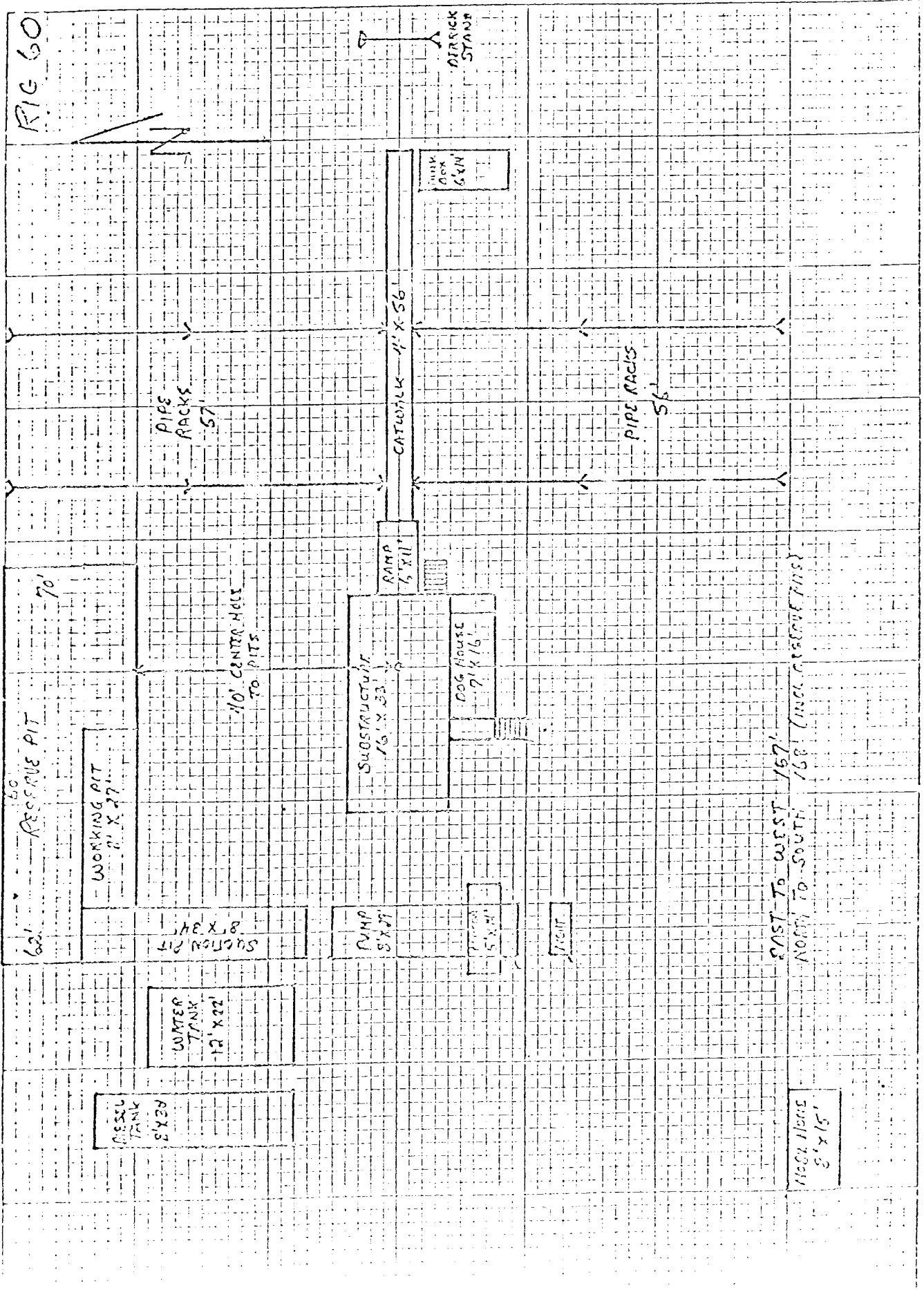
Map showing land parcels, roads, and utility lines. The map is divided into sections, with section numbers (e.g., 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100) visible. The word "TOWN" is printed in large letters in the lower right quadrant. The map contains numerous annotations, including owner names, dates, and acreage.

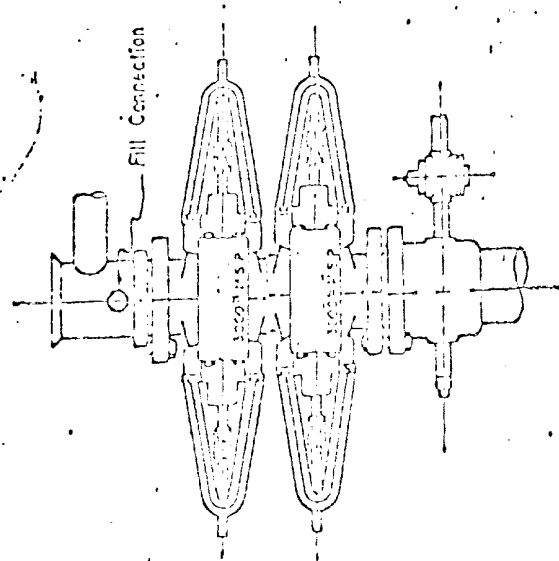
Key annotations include:

- Section 20: M. J. Smith, 10-1-76, 10-1-76
- Section 25: J. J. Smith, 10-1-76, 10-1-76
- Section 30: M. J. Smith, 10-1-76, 10-1-76
- Section 35: J. J. Smith, 10-1-76, 10-1-76
- Section 40: J. J. Smith, 10-1-76, 10-1-76
- Section 45: J. J. Smith, 10-1-76, 10-1-76
- Section 50: J. J. Smith, 10-1-76, 10-1-76
- Section 55: J. J. Smith, 10-1-76, 10-1-76
- Section 60: J. J. Smith, 10-1-76, 10-1-76
- Section 65: J. J. Smith, 10-1-76, 10-1-76
- Section 70: J. J. Smith, 10-1-76, 10-1-76
- Section 75: J. J. Smith, 10-1-76, 10-1-76
- Section 80: J. J. Smith, 10-1-76, 10-1-76
- Section 85: J. J. Smith, 10-1-76, 10-1-76
- Section 90: J. J. Smith, 10-1-76, 10-1-76
- Section 95: J. J. Smith, 10-1-76, 10-1-76
- Section 100: J. J. Smith, 10-1-76, 10-1-76

DATE: 10/10/74 TIME: 10:45 AM DTD: 48 0700
 DRAWN BY: [unclear] CHECKED BY: [unclear]
 REVISION: 1

RIG 60





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