

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 ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Sundance Oil Company

3. ADDRESS OF OPERATOR

c/o Tom Boyd, 510 W. Texas Ave., Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1980 1320 FNL, 660 FWL

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles East of Elkins

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660 feet

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

+ 120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

4050

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (Show whether DF, RT, GR, etc.)

4230.0 G.R.

22. APPROX. DATE WORK WILL START*

Upon approval.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4	40.5	400	276 ft. ³
or 12-1/4	8-5/8	28.0	400	330 ft. ³

Set either 10-3/4" or 8-5/8" surface casing using 50-50 Lite Po₃
with 2% gel, 1/4 #/ sx. cello-flake followed by 100 sx. Class C.

Either 1) core, log and test, or 2) test, and log to evaluate before
setting long string.

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.

SIGNATURE

J. M. T. Boyd

TITLE

Agent

DATE

August 14, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 9 - 1974

J. L. BEEKMAN

ADJ. DIST. ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMPLETED WITHIN 3 MONTHS.
See Instructions On Reverse Side

DEC 9 - 1974

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-129
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

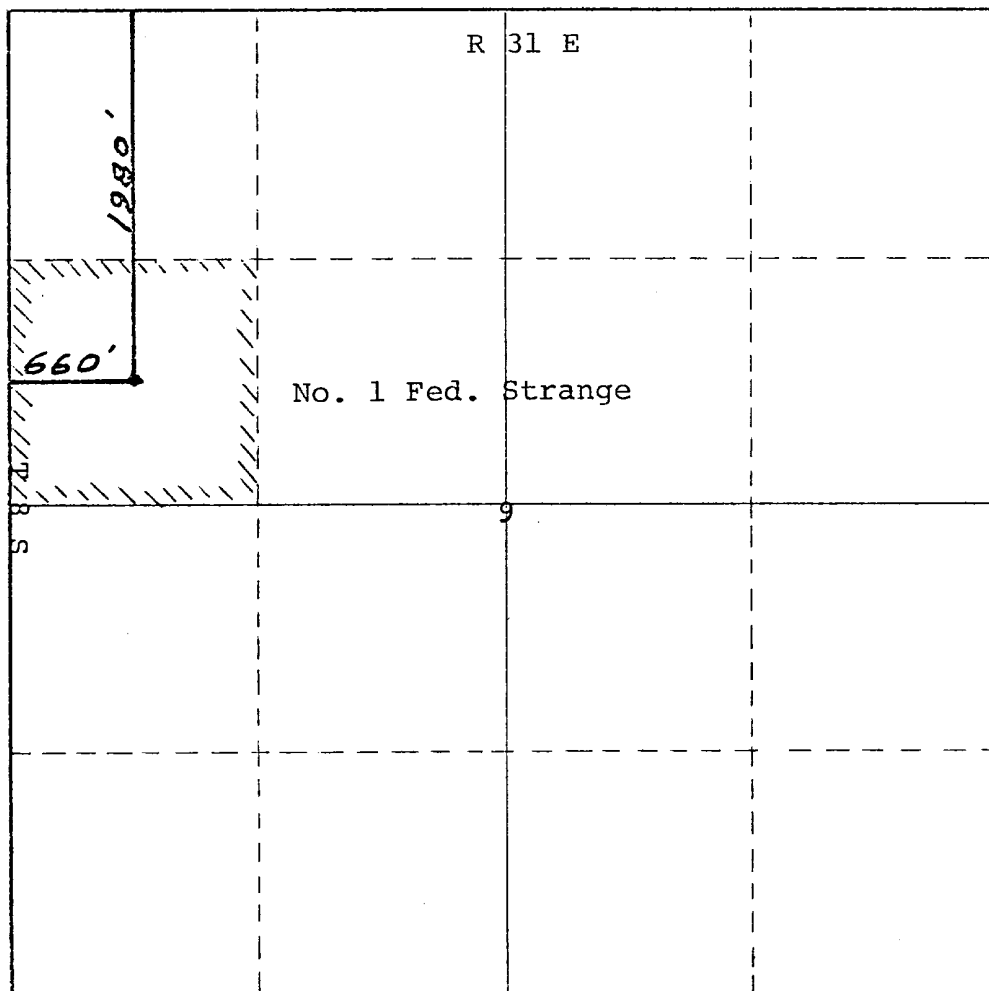
Operator SUNDANCE OIL COMPANY			Lease Strange Federal		Well No. 1
Unit Letter	Section 9	Township 8 S	Range 31 E	County Chaves	
Actual Postage Location of Well: 1980 feet from the north line and 660 feet from the west line					
Ground Level Elev. 4212'	Producing Formation San Andres		Pool Wildcat	Dedicated Acreage: 120 Acres	

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

T. M. Boyd

Position

Agent

Company

Sundance Oil Company

Date

August 22, 1974

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

**U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

Date Surveyed

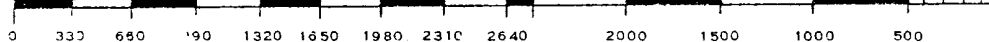
August 21, 1974

Registered Professional Engineer
and/or Land Surveyor

Thomas J. Moore

Certificate No.

277 N.M.



DEVELOPMENT PLAN FOR SURFACE USE

UNITED STATES GEOLOGICAL SURVEY

Southern Rocky Mountain Area

Date: August 15, 1974

Well #1 Strange-Federal .. Location SW/4, NW/4 Sec. 9, T8S, R31E

1. Existing roads including location of the exit from the main highway. See attached maps.
2. Planned access roads. See attached map.
3. Location of existing wells. See attached map.
4. Lateral roads to well locations. Caliche roads will be required for access. See attached map. 12' wide, 1 mile
5. Location of tank batteries and flow lines. Tank battery to be placed on S.W. corner of pad. Flow lines running N-S and E-W.
6. Location and type of water supply (rivers, creeks, lakes, ponds, well, etc.). Water well at Kenna or Crossroads. Possibly few loads from local ranchers.
7. Methods for handling waste disposal. Buried in reserve pit.
8. Location of camps. None.
9. Location of airstrips. None.

DEVELOPMENT PLAN FOR SURFACE USE -- Page 2

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, bear-grass and very sparse vegetation. The lateral roads are over basically the same terrain but fewer sand dunes.

Company SUNDANCE OIL COMPANY

Representative T. M. Boyd

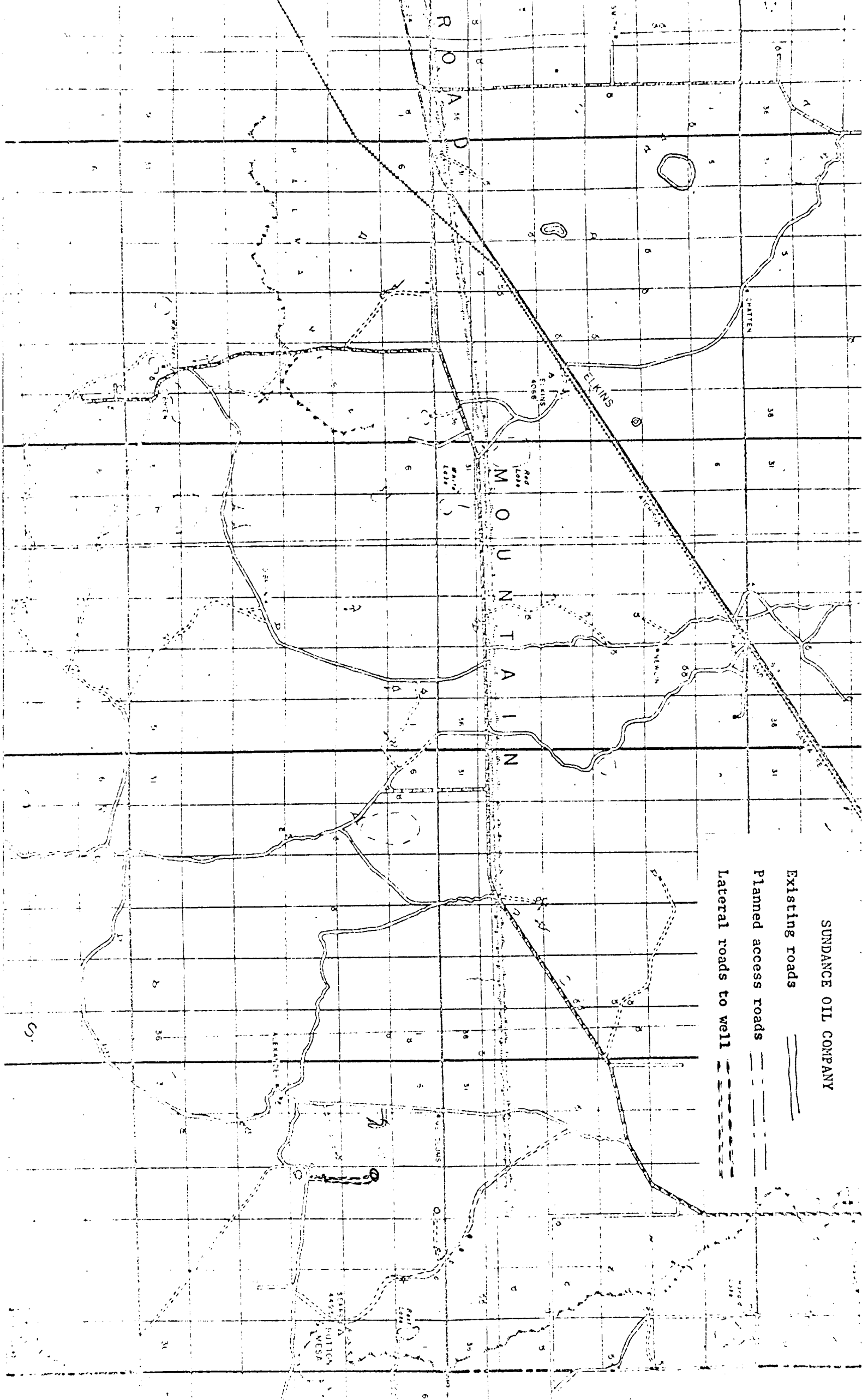
Phone: Office 746-3600 Home 623-6400 (Roswell)

Address 510 W. Texas Avenue
Artesia, New Mexico 88210

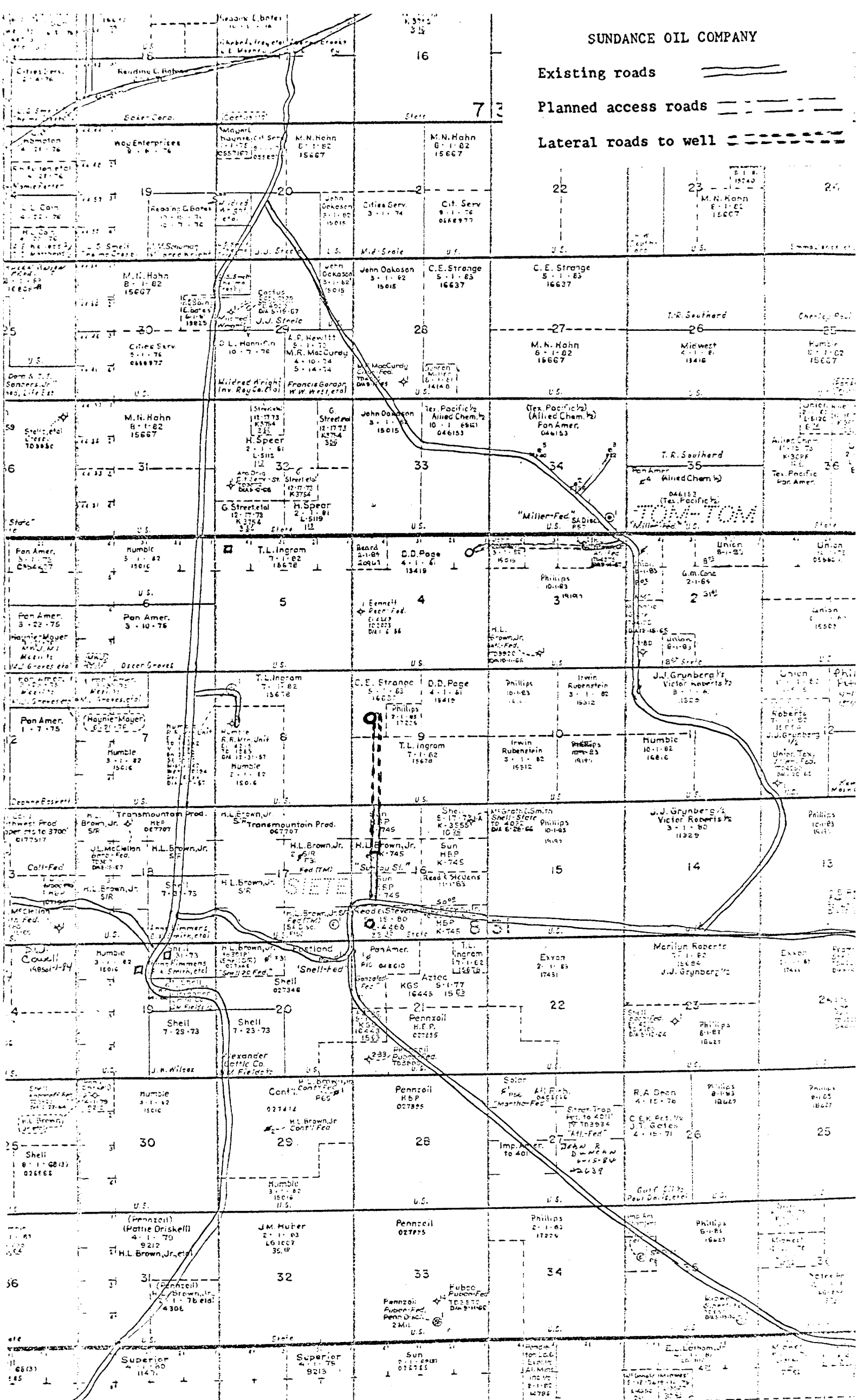
Existing roads

Planned access roads

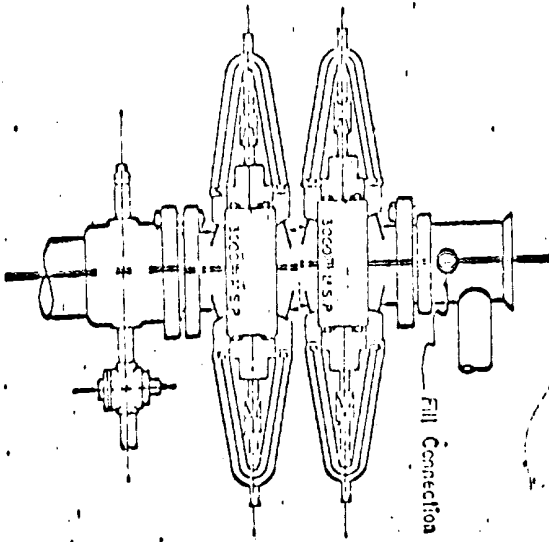
Lateral roads to well



Lateral roads to well







3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 500 Flanges, or Better