

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 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 Company		7. UNIT AGREEMENT NAME ---
3. ADDRESS OF OPERATOR c/o Tom Boyd, 510 W. Texas Ave., 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 FNL, 660 FEL At proposed prod. zone same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles East of Elkins		10. FIELD AND POOL, OR WILDCAT D Wildcat
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660 feet		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4 Twn. 8 S, Rge. 31 E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		12. COUNTY OR PARISH Chaves
19. PROPOSED DEPTH 4050		13. STATE New Mexico
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4268.0 G.R.		20. ROTARY OR CABLE TOOLS Rotary
22. APPROX. DATE WORK WILL START* Upon approval		

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O.C.C.

PROPOSED CASING AND CEMENTING PROGRAM

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

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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 J. M. Boyd TITLE Agent DATE August 14, 1974
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE OCT 21 1974APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE _____
CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes G-128
Effective 1-1-65

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

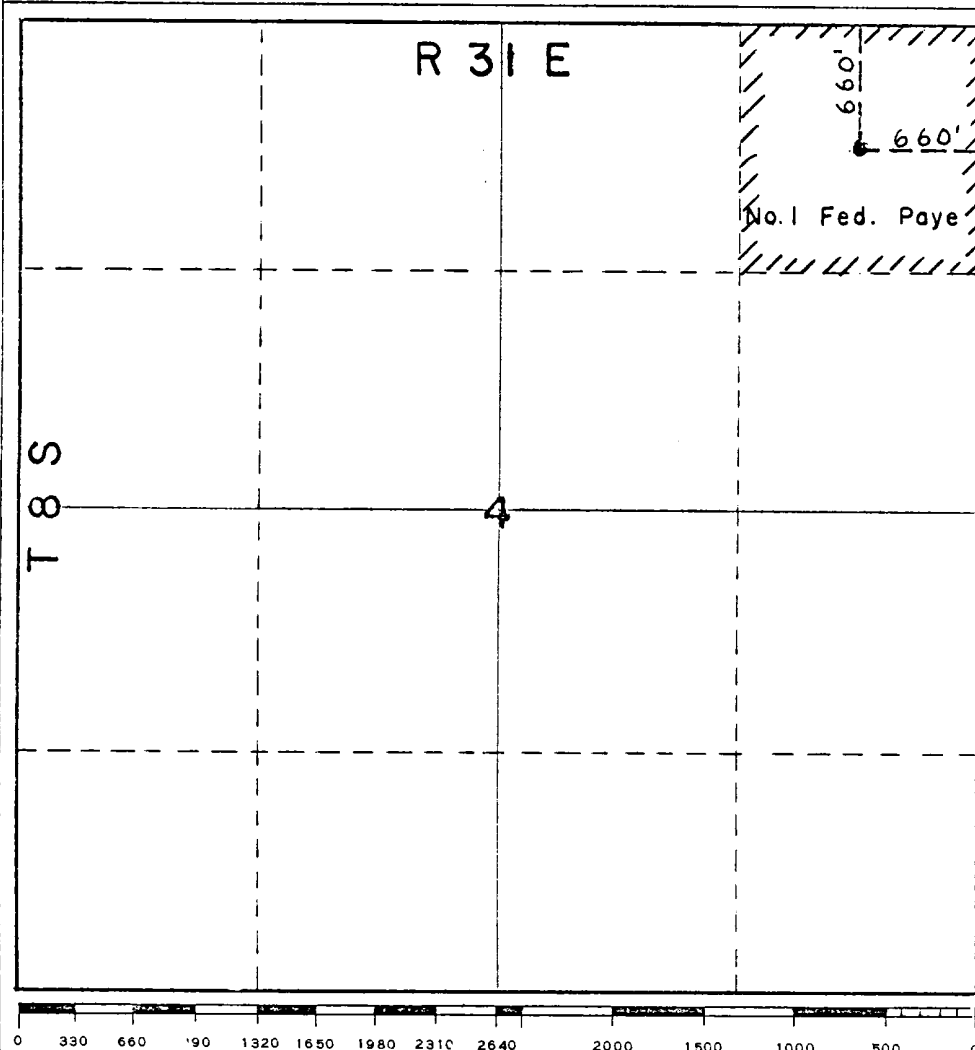
Operator Sundance Oil Company			Lease Paye-Federal		Well No. 1
Unit Letter A	Section 4	Township 8 S	Range 31 E	County Chaves	
Actual Well Location of Well: 660 feet from the north line and 660 feet from the East line					
Ground Level Elev. 4268.0	Producing Formation San Andres		Pool Wildcat	Dedicated Acreage: 40 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 14, 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

August 7, 1974

Registered Professional Engineer and/or Land Surveyor

Certificate No.
277 N.M.

DEVELOPMENT PLAN FOR SURFACE USE

UNITED STATES GEOLOGICAL SURVEY

Southern Rocky Mountain Area

Date: August 15, 1974

Well #1 Paye-Federal Location NE/4, NE/4 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 map.
3. Location of existing wells. See attached map.
4. Lateral roads to well locations. Caliche roads will be required for access.
12' wide, 7/8 of 1 mile
See attached map.
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.

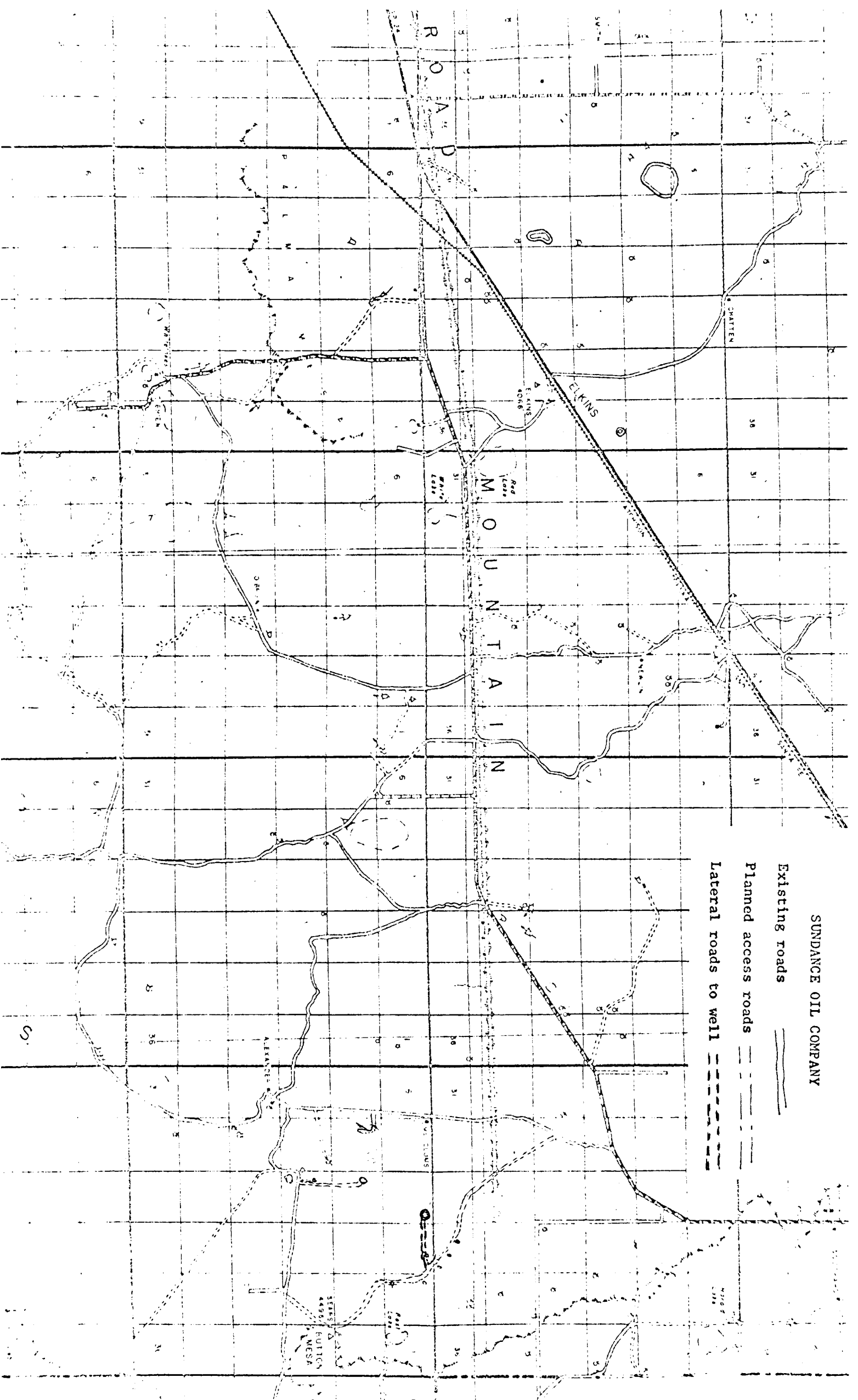
12. Any other information that may be used in evaluating the impact on environment. Include general description of the topography, vegetation, and other aspects of the area. The area of this well is sand dunes with scruboak, bear-grass and very sparse vegetation. The lateral roads are over basically the same terrain but fewer sand dunes.

Company SUNDANCE OIL COMPANY

Representative T. M. Boyd

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

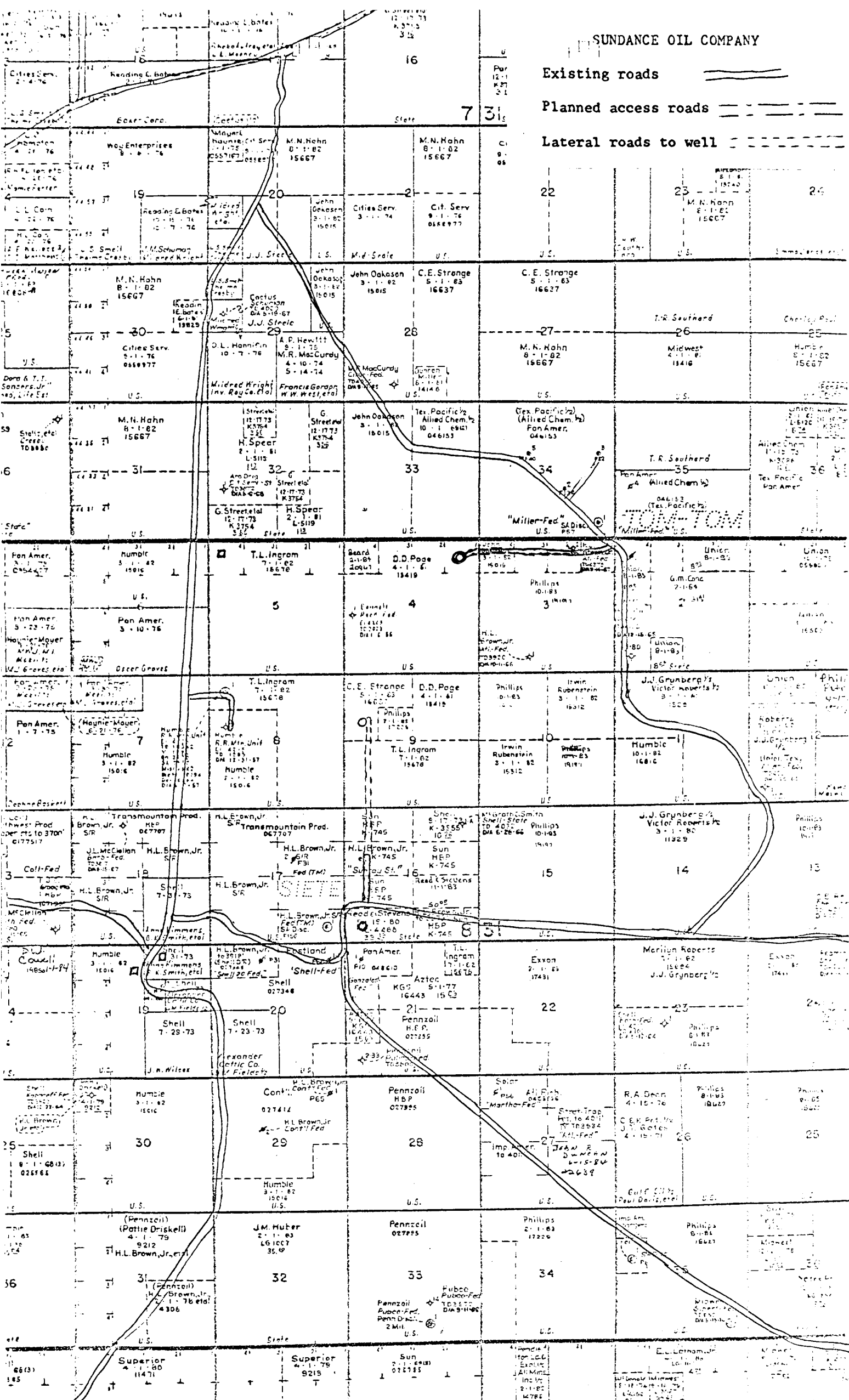
Address 510 W. Texas Avenue
Artesia, New Mexico 88210



Existing roads

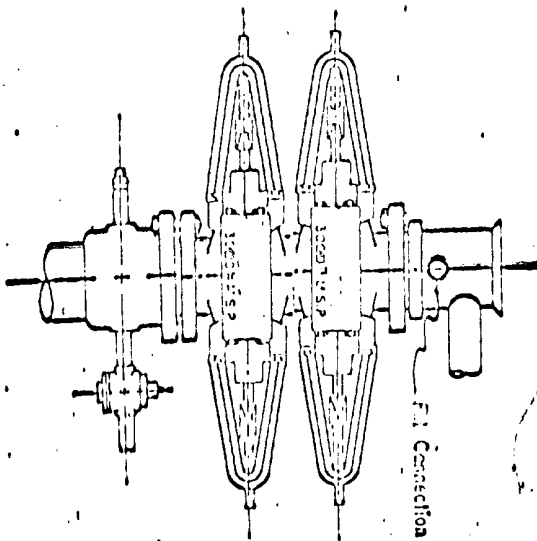
Planned access roads

Lateral roads to well



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U.S. DEPT. OF JUSTICE
COMM. ON UNLAWFUL GAMING
WASHINGTON, D.C.



3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 500 Flanges, or Better