

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA-NM-11329
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
2. NAME OF OPERATOR SUNDANCE OIL COMPANY		7. UNIT AGREEMENT NAME -----
3. ADDRESS OF OPERATOR Suite 510, 1776 Lincoln St., Denver, CO 80203		8. FARM OR LEASE NAME Roberts Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' fs! and 660' fel, Sec. 14, T. 8S, R. 31E At proposed prod. zone Same		9. WELL NO. 2-1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles South of Kenna, New Mexico		10. FIELD AND POOL, OR WILDCAT Wildcat, San Andres
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T. 8S, R. 31E
16. NO. OF ACRES IN LEASE 1,120		12. COUNTY OR PARISH Chaves
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE New Mex.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 9,334'		19. PROPOSED DEPTH 4,250'
20. ROTARY OR CABLE TOOLS Rotary Tools		21. APPROX. DATE WORK WILL START* January, 1977
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 4278.1 Grd.		

23. 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 lbs	350'	200 sacks
7 7/8"	4 1/2"	10.5 lbs	4,250'	300 sacks

Well will be drilled to TD and evaluated with open-hole logs. If further evaluation is required, tests will be run to determine whether or not production casing will be run.

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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 L.A. Carell TITLE Chief Engineer DATE 1-18-77
(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY _____

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAY 11 1977

DATE _____

*See Instructions On Reverse Side

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MAY 2 1977
OIL COLLECTION CO. COMM.
HOBBS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION P**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator SUNDANCE OIL COMPANY			Lease Federal 14 - Roberts			Well No. 2		
Section Letter P	Section 14	Township 8 South	Range 31 East	County Chaves				
Actual Portage Location of Well:								
660 feet from the south line and		660 feet from the east line						
Ground Level Elev. 4278.1	Producing Formation		Pool		Designated Acreage			

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.

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CERTIFICATION

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

Name **L.A. Canell**

Position
Chief Engineer

Company
Sundance Oil Company

Date
1-18-77

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
Nov. 18, 1976

Registered Professional Engineer and Land Surveyor

John W. West
Certificate No. **676**



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HOBBS, N. M.

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ARTESIA, NEW MEXICO

SURFACE USE

AND OPERATIONS PLAN

Well Name: #2-14 Roberts-Federal

Location: Sec. 14, T. 8S, R. 31E, Chaves County, New Mexico

1) Existing Roads: Shown on attached map.

2) Planned Access Roads: Approximately 700' of caliche road, 12' wide, to be constructed as shown on attached map. Road will be constructed with 6" of compacted caliche surface.

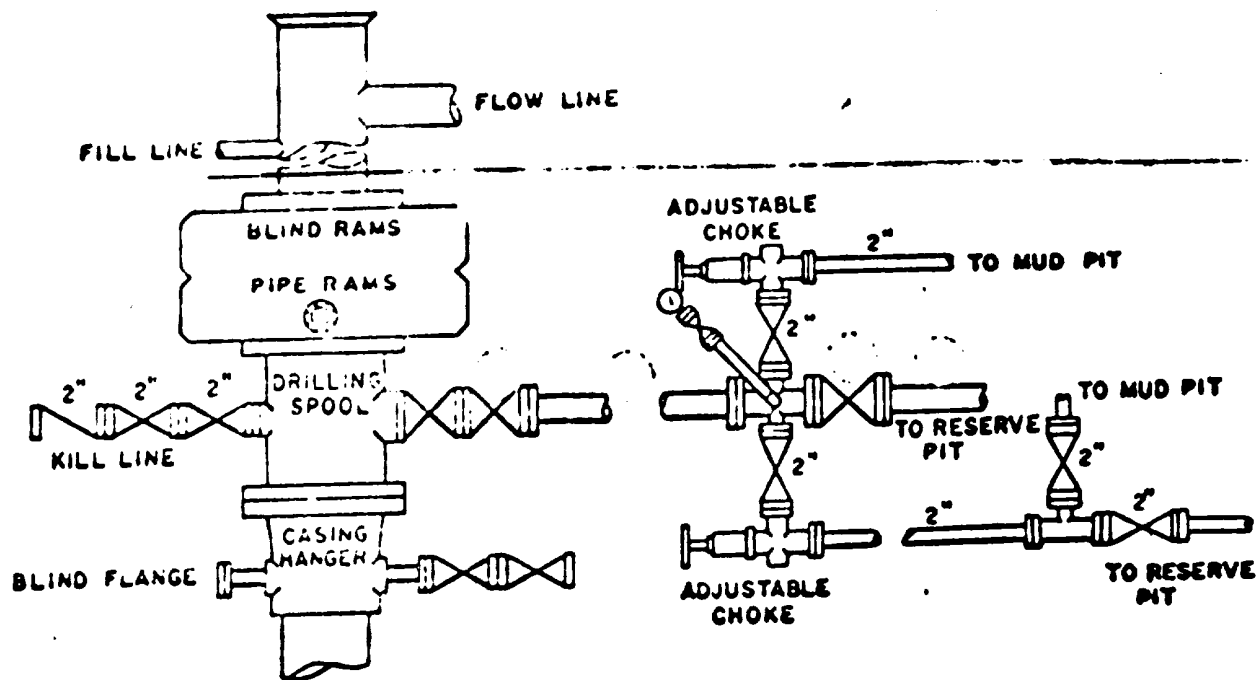
3) Location of Existing Wells: Shown on attached map.

4) Location of Tank Batteries, Production Facilities, and Production, Gathering, and Service Lines: No existing tank battery or producing facilities within a 1 mile radius. If commercial production is established a Tank battery facility will be constructed on the S.W. corner of the well location pad.

5) Location and Type of Water Supply (rivers, creeks, lakes, ponds, and wells): Water wells at Kenna or Crossroads. Water will be transported by truck.

6) Source of Construction Materials: Caliche will be hauled from an existing pit in the SE SW Sec. 14, T. 8S, R. 31E.

BLOWOUT PREVENTER
& CHOKE MANIFOLD
API 3M-8410-RdS



7) Methods of Handling Waste Disposal: All waste will be buried in pits at minimum
depth of three (3) feet below ground level.

8) Ancillary Facilities: Camps, airstrips, and similar ancillary facilities will not be
required.

9) Well Site Layout: See attached plat.

10) Plans for Restoration of the Surface: All pits will be back-filled after drilling and
completion operations are terminated. If the well is a dry-hole, the well location
pad and road will be ripped up so natural vegetation can re-establish itself in this
area. Work will commence within 60 days after completion of well work.

11) Other Information: The area of this well is sand dunes with scub oak, beargrass, and
very sparse vegetation.

12) Lessee's or Operator's Representative:

L. A. Carrell
Sundance Oil Company
1776 Lincoln Street, Suite 510
Denver, Colorado 80203

Business Phone (303) 825-7657
Home Phone (303) 773-3127

13) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by SUNDANCE OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

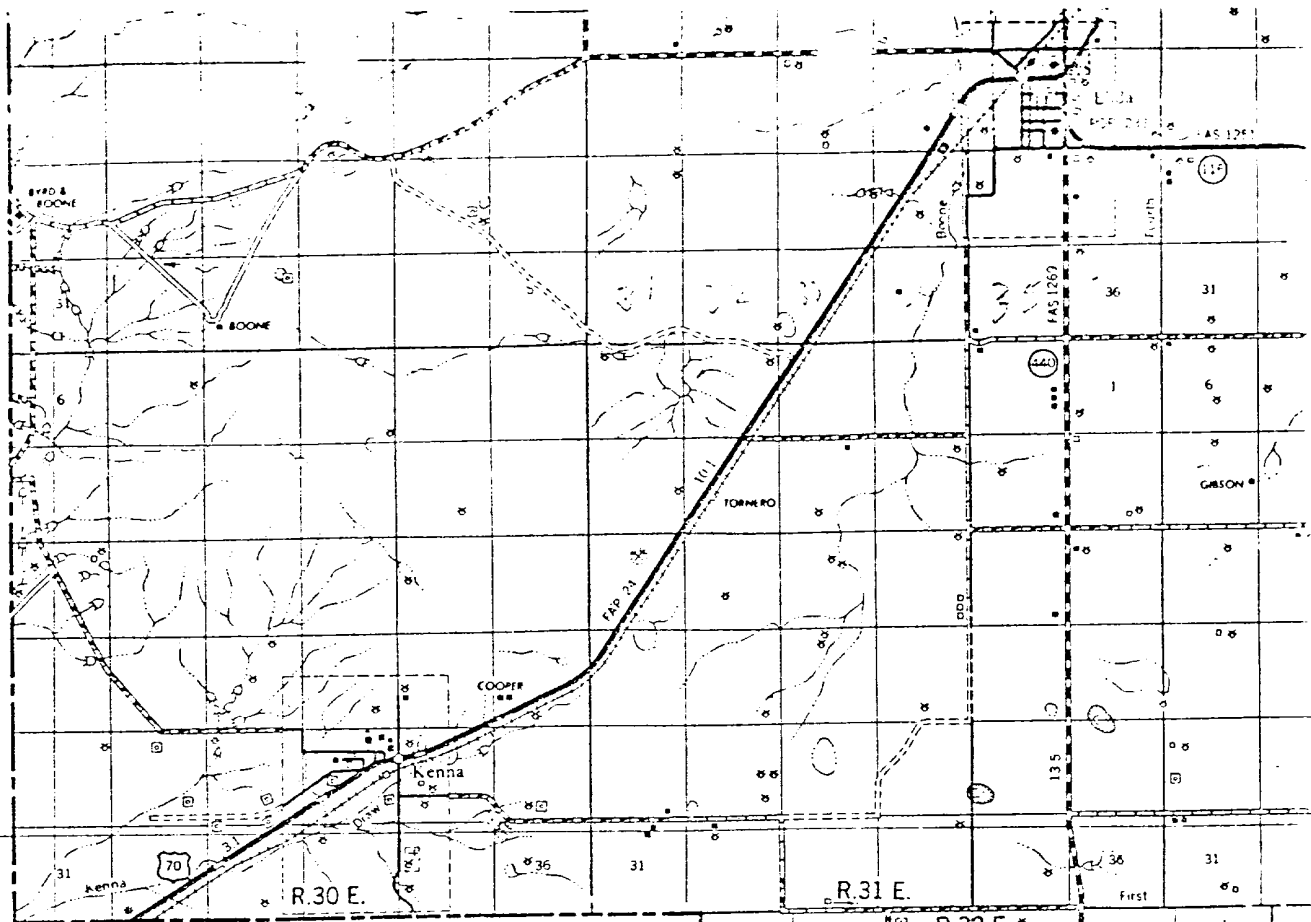
1-18-77
Date

L.A. Carrell
L. A. Carrell
Chief Engineer

II
A
V
B

T.4 S.

T.5 S.



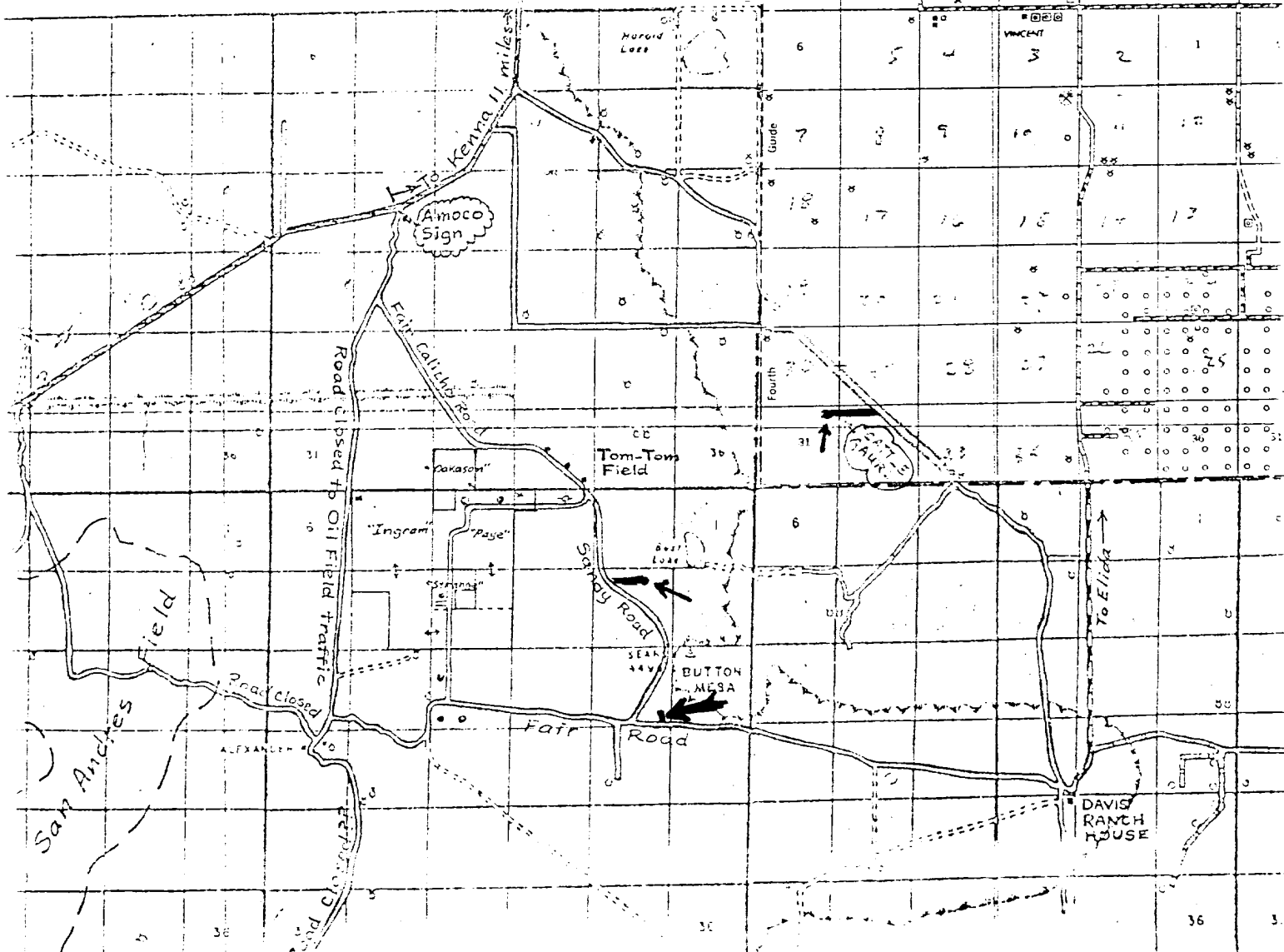
To Roswell

R.31 E.

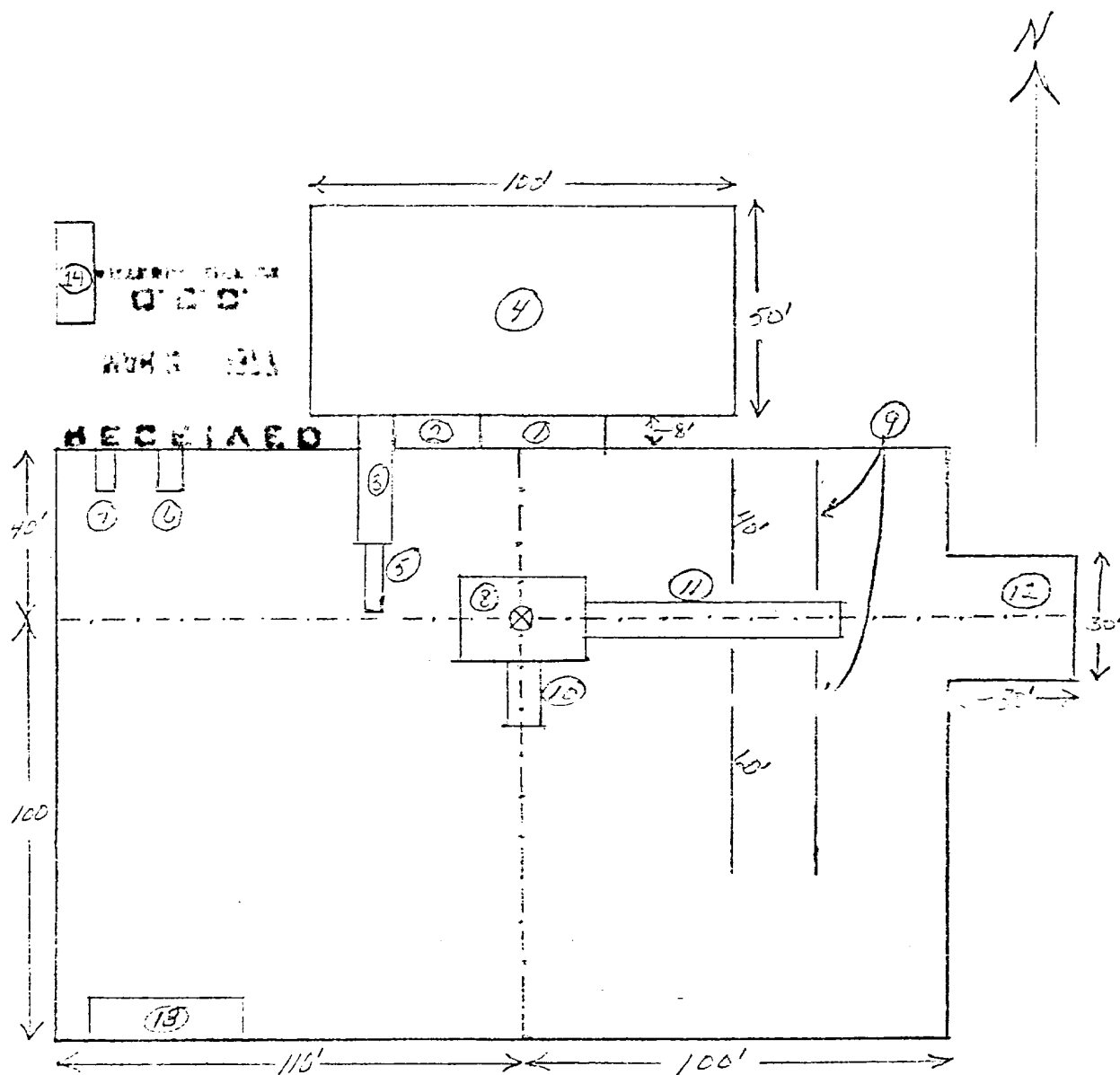
R.32 E.

T.6 S.

- EXISTING CALICHE ROADS
- EXISTING DIRT ROADS
- NEW ROADS



WEK DRILLING CO., INC.
RIG #1 LOCATION & MUD PIT SPECS.



- | | |
|--------------------------|----------------|
| ① Shale Pit 30' x 8' | ⑦ Fuel Tank |
| ② Mud Pit 20' x 8' | ⑧ Rig |
| ③ Suction Pit 30' x 8' | ⑨ Pipe Racks |
| ④ Reserve Pit 100' x 50' | ⑩ Dog House |
| ⑤ Pump | ⑪ Cat Walk 60' |
| ⑥ Water Tank | ⑫ Stinger |
| | ⑬ Trailer |
| | ⑭ Burn Pit |

Schaeffer Type E 10" Series 900 Hydraulic BOP.

O.C.O.
ARTSIA, OFFICE

MAR 2 1977

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