

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-015-24,78
Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

Unit # 14-08-0001-16916

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator

Barber Oil, Inc.

Address of Operator

P. O. Box 1658 Carlsbad, NM 88220

Location of Well

UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE
1315 FEET FROM THE West LINE OF SEC. 33 TWP. 20 South R. 28 East NMPM

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name <u>Saladar Unit</u>
8. Farm or Lease Name <u>Maleo Fee-Keystone Corp.</u>
9. Well No. <u>11</u>
10. Field and Pool, or Wildcat <u>Saladar-Yates</u>
12. County <u>Eddy</u>

19. Proposed Depth <u>650'</u>	19A. Formation <u>Yates</u>	20. Rotary or C.T. <u>Rotary</u>
21A. Kind & Status Plug. Bond <u>Blanket</u>	21B. Drilling Contractor <u>Pennsylvania Drilling</u>	22. Approx. Date Work will start <u>As soon as possible</u>

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6 1/2"	4 1/2" OD	11.60#	650'	Circulated to surface if possible	

BOP Program: NONE

*See Attached Application For Drilling for additional information

RECEIVED

APPROVAL VALID FOR 100 DAYS
PERMIT EXPIRES 1-2-83
UNLESS DRILLING UNDERWAY

MAY 25 1982

O. C. D.
ARTESIA, OFFICE

Posted FD-1
7-9-82
New Loc. & API

BELOW SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

by Andrew J. Light Title President Date 5-14-82
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE 7-2-82

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 4" 2" casing

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-79

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

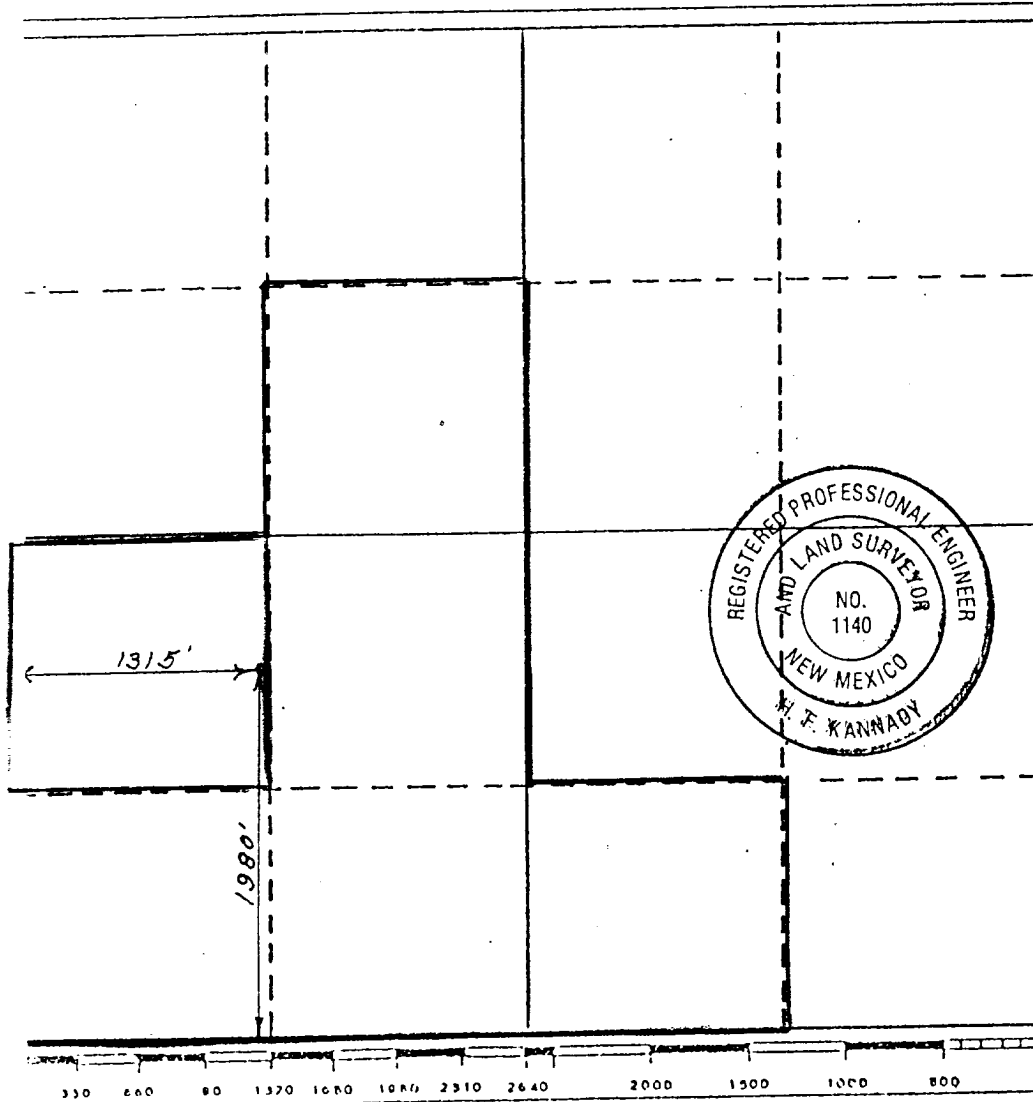
Operator Barber Oil, Inc.			Lease Saladar Unit 91-016916		Well No. 11
Well Letter L	Section 33	Township 20 South	Range 28 East	County Eddy	
Footage Location of Well: 1980' feet from the South line and 1315 feet from the West line					
Ground Level Elev. 3198'	Producing Formation Yates Sand		Pool Saladar		Dedicated Acreage: 280 Acres

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 Unit # 14-08-0001-16916

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 Division.



CERTIFICATION

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

Name [Signature]
Position
President

Company
Barber Oil, Inc.

Date
4-10-82

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 May 7, 1982
H. F. Kannady
Registered Professional Engineer
and/or Land Surveyor

Certificate No. 1140

BARBER OIL, INC.
111 West Mermod
Post Office Box 1658
CARLSBAD, NEW MEXICO 88220
(505) 887-2566

May 10, 1982

~~7/10/82~~ FEL

Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

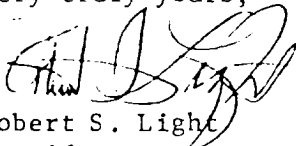
Attn: Joe D. Ramey

Dear Sir:

We have filed four Form 9-331C's "Application to Drill..." with the Minerals Management Service (U.S.G.S.), Roswell in the Saladar Unit, Section 33, T20S, R28E, N.M.P.M. These wells require an unorthodox location so that they may be properly spaced as shown on the enclosed plat. We plan to amend the original application to move the wells five feet away from the lot line in order to locate the drilling site within a 40 acre unit. We would appreciate if possible to have administrative approval of these unorthodox locations in order that we may move forward with our drilling program.

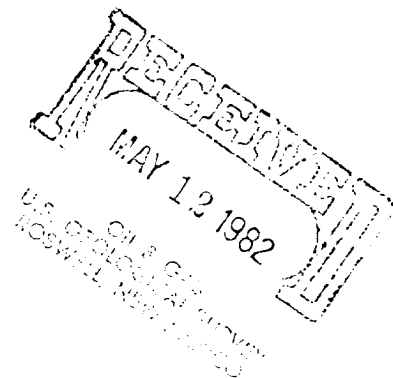
We would also appreciate your concurrence and approval in utilizing these inside locations first as producing wells and later to be converted to injection wells.

Very truly yours,


Robert S. Light
President

Encl: 1 plat; Photocopies of Application To Drill

CC: Minerals Management Service
P. O. Box 1857
Roswell , NM 88201



BARBER OIL, INC.
111 West Mermod
Post Office Box 1658
CARLSBAD, NEW MEXICO 88220
(505) 887-2566

Saladar Unit Well #11
1980' FSL and 1320' FWL
Eddy County, New Mexico

APPLICATION FOR DRILLING

In conjunction with Form 9-331-C, Application for Permit to Drill subject well, Barber Oil, Inc. submits the following ten items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is Permian.
2. The estimated tops of geologic markers are as follows:

	Surface
Fletcher	440'
Tansill	460'
Ocotillo	505'
Yates	605'

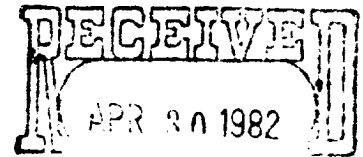
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approximately 65 feet
Oil : Yates - approximately 640' to 665'

4. Proposed Casing Program: 4½"OD, 11.6# casing at TD
5. Pressure Control Equipment: NONE
6. Mud Program: NONE
7. Auxiliary Equipment: NONE
8. Testing, Logging and Coring Programs:
Drill Stem tests - NONE

Logging: Logging Unit from 600' to TD
Electronic Log Program: Gamma Ray-Neutron Log
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible.

BARBER OIL, INC.
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MULTI-POINT SURFACE USE AND OPERATION PLAN
Saladar Unit Well # 11
1980' FSL and 1320' FWL
Sec. 33, T20S, R28E, N.M.P.M.

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

This plan is submitted with Form 9-331C, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after the completions of the operations, so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS.

- A. Exhibit A is a composite BLM Quad-Color map of the area showing access road to the lease.

DIRECTIONS:

1. Proceed north from Carlsbad via North Canal St. 3 miles.
2. Turn east on County Road 600 toward Gas Company of New Mexico's Avalon Gas Plant approximately 2 miles.
3. Turn due North onto dirt road (county road 237) approximately 2 miles. County road 237 borders lease on the west side. All wells and tank battery are clearly marked with signs.

2. PLANNED ACCESS ROAD. - NONE

3. LOCATION OF EXISTING WELLS. See Exhibit "B" map enclosed.

4. LOCATION OF EXISTING AND/ OR PROPOSED FACILITIES.

- A. Oil Storage Tanks - Two (2) 210 bbl tanks located in Unit Letter K, Sec. 33, T20S, R33E.
B. Power Plant & Water Pump- located in Unit Letter K

5. LOCATION AND TYPE OF WATER SUPPLY.

- A. Water will be obtained from the Double Eagle water system and it is fresh water.

6. Sources of Construction Materials:

- A. NONE

7. METHODS OF HANDLING WASTE DISPOSAL.

- A. Fluid Waste - Drill cuttings, fluids, etc. into reserve pit.
B. Produced Water- All reinjected
C. Oil- Storage Tanks already on the lease.
D. Trash and other debris will be picked up and the site in general will be returned to as near normal condition as possible.

8. Ancillary FACILITIES.

- A. NONE

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Saladar Unit Well #11
Page 2

9. WELLSITE LAYOUT.

- A. A minimum of surface disturbance will be required to drill each well. No pad will be built.
- B. The pits will be plastic lined.
- C. The well location have been staked and archeological surveys have been made.

10. PLANS FOR RESTORATION OF SURFACE.

- A. Surface conditions will be disturbed as little as possible. All pits will be covered as soon as dry and site will be left as near normal as possible.

11. TOPOGRAPHY.

- A. See Archeological report.

12. OPERATOR'S REPRESENTATIVES.

- A. The field representatives responsible for assuring compliance with the approved surface use plan are:

Robert S. Light	Michael D. Garringer	J. Ray Hobbs
President	Manager	Field Superintendent
Barber Oil, Inc.	Barber Oil, Inc.	Barber Oil, Inc.
(505) 887-2566	(505) 887-2566	(505) 887-2566

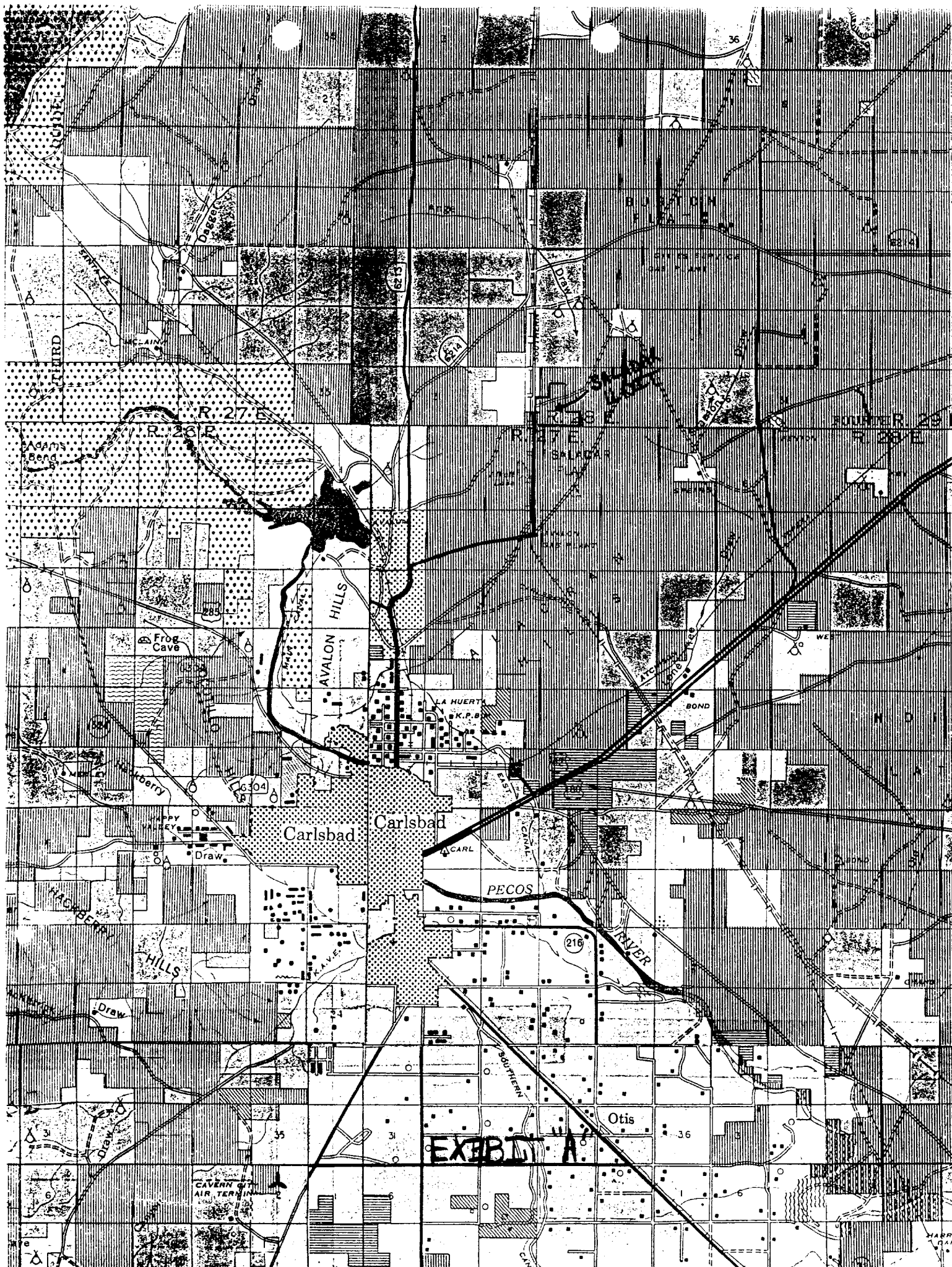
13. CERTIFICATION.

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 Barber Oil, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

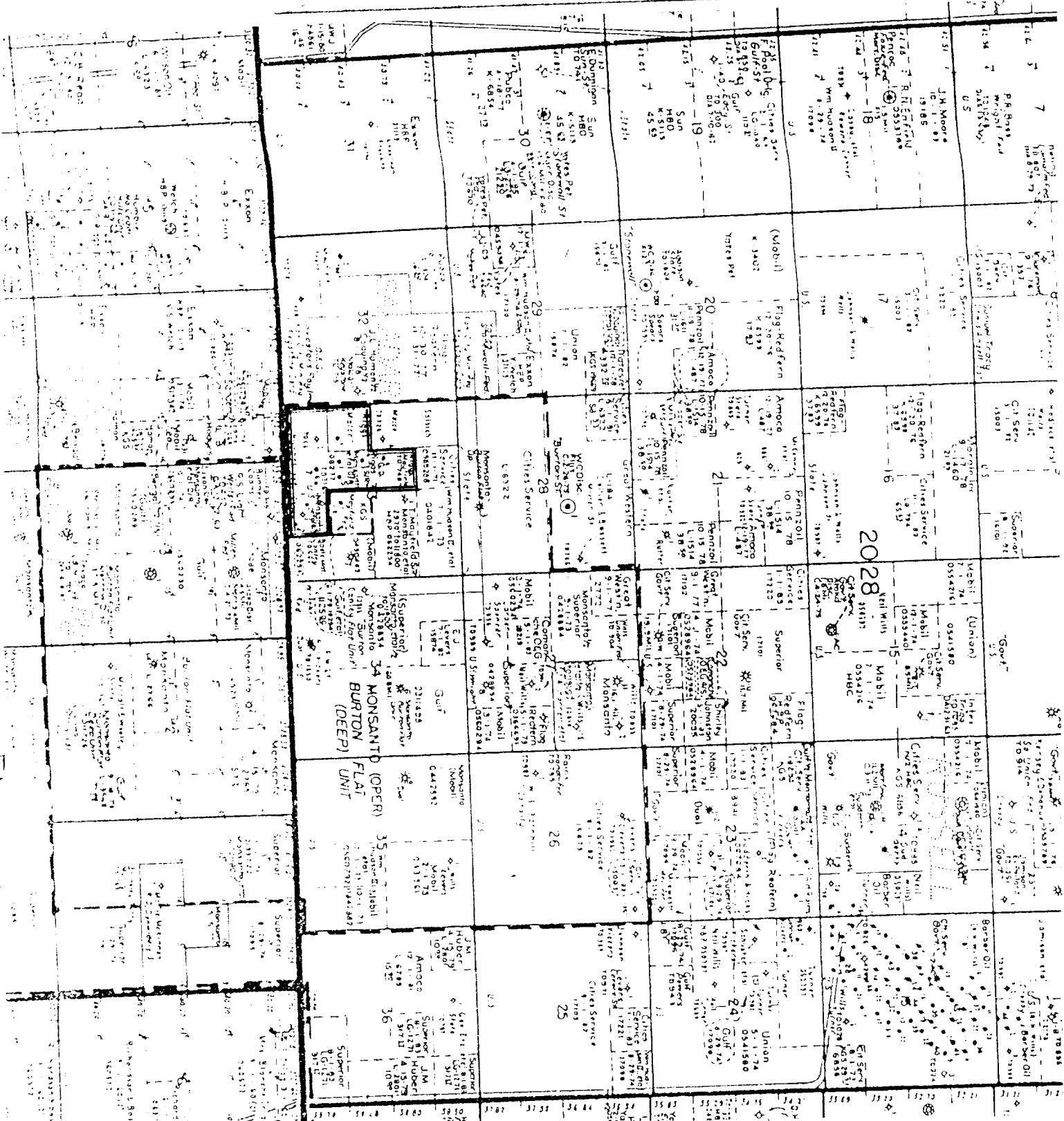
27 April 1982
DATE



Robert S. Light



N



ENR