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SUBMIT IN T ICATE\*  
(Other instructions on  
reverse side)Copy to 13  
Form approved.  
Budget Bureau No. 42-R1425UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-22831

## 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 ☐

FEB 14 1979

ZONED  
WELL ☐MULTIPLE  
ZONED ☐

## 2. NAME OF OPERATOR

Lawbar Petroleum, Inc.

O. C. C.

## 3. ADDRESS OF OPERATOR 10880 Wilshire Boulevard, Suite 2005

Los Angeles, California 90024

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

At surface

660' FSL &amp; 660' FEL, Section 19, T16S, R28E

At proposed prod. zone

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

15 miles northeast of Artesia, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

2000'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3561.9 GL

## 22. APPROX. DATE WORK WILL START\*

2-25-79

## 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"	20#	400'	120 sacks circulated
7-7/8"	4-1/2"	9.5#	2000'	150 sacks

Expected Formation Tops - Yates 315', Seven Rivers 515', Queen 900', Grayburg 1415', San Andres 1750'. No abnormal pressures or water flows have been encountered in any wells drilled in this area. Drilling fluid will be water with sufficient mud for sample clarity. Regan 8" BOP will be used from surface pipe to TD. Gamma Ray-Neutron logs will be run in open hole before oil string is set.

RECEIVED

FEB 2 1979

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. B. N. Muncy, Jr.

SIGNED

TITLE

Agent

DATE 1/20/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

2-12-79

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



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United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Drawer U  
Artesia, New Mexico 88210

**RECEIVED**

**FEB 14 1979**

**O. C. C.  
ARTESIA OFFICE**

February 12, 1979

Lawbar Petroleum, Inc.  
10880 Wilshire Boulevard  
Suite 2005  
Los Angeles, California 90024

LAWBAR PETROLEUM, INC.  
Mesa Federal No. 1  
660 FSL 660 FEL Sec. 19, T16S, R28E  
Eddy County Lease No. NM-8940

Above Data Required on Well Sign

Gentlemen:

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 2,000 feet to test the San Andres formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
4. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate sandstone brown (Federal Standard Color #595A, color 20318 or 30318).

Sincerely yours,

(Orig. Sgd.) ALBERT R. STALL

Albert R. Stall  
Acting District Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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ZONE ☐MULTIPLE  
ZONE ☐

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3. ADDRESS OF OPERATOR 10880 Wilshire Boulevard, Suite 2005  
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15 miles northeast of Artesia, New Mexico

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JAN 23 1979

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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B. N. MUNCY, JR.

SIGNED

TITLE Agent

DATE 1/20/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**N MEXICO OIL CONSERVATION COMMISS**  
**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

Operator <b>Lawbar Petroleum, Inc.</b>		Lease <b>Aliso Federal</b>		Well No. <b>1</b>
Section <b>P</b>	Section <b>19</b>	Township <b>1 South</b>	Range <b>28 East</b>	County <b>Elddy</b>
Approximate Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line				
Well Level Elev. <b>3561.9</b>	Producing Formation <b>San Andres</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> 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 (both a 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?

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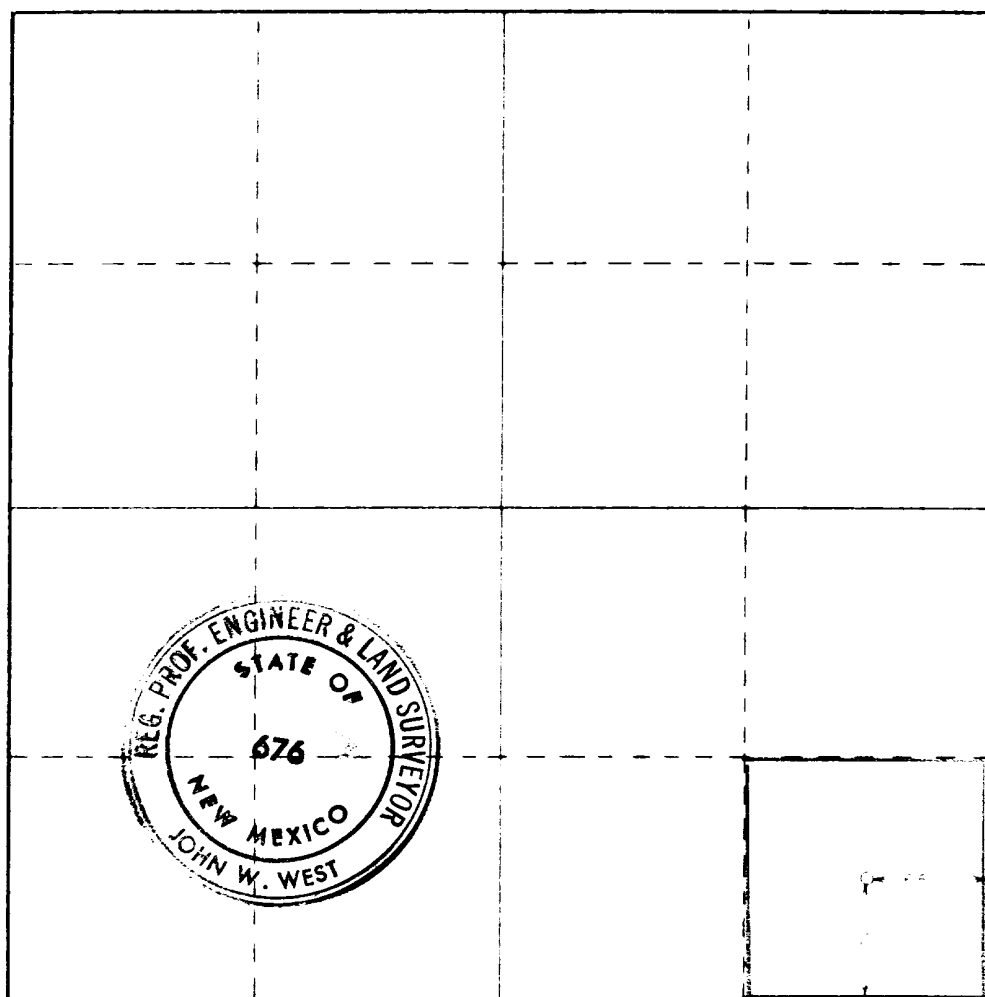
**JAN 23 1979**

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

☐ 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

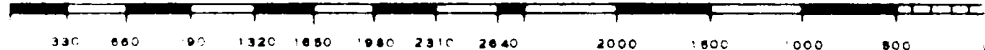
Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Agent \_\_\_\_\_  
 Company  
**Lawbar Petroleum, Inc.**  
 Date  
**January 20, 1979**

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  
**January, 1979**  
 Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No **John W. West 676**  
**Ronald J. Eidson 3239**



AWBAR PETROLEUM, INC.

Mesa Federal No. 1  
660' FSL and 660' FWL, Section 19, T16S, R28E  
Eddy County, New Mexico  
Lease No. NM 8940  
Development Well

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ARTESIA, NEW MEXICO

1. Existing Roads - Maps showing drillsite and all existing roads are shown on Exhibit A & B from existing road 3960' of new road is planned east to location.
2. Planned Access Roads - Exhibit A shows new road to be constructed in red line. Road will be built to a maximum width of 12 feet by blading only, with no turnouts planned. Drainage will not be a factor as surface is sandy caliche with little drainage. Road design will be for drilling equipment and water haulage for drilling purposes, and for oil trucking. No culverts or special drainage features are believed necessary. Center line of new road has been staked with flagging visible from one stake to the other.
3. Existing wells are shown on Exhibit B.
4. Tank battery will be placed on edge of drilling pad and flow lines will cross only caliche pad. All pads and access roads will be used for production and maintenance. If well is non-productive the drilling pad and such access roads as not needed to reach other locations will be ripped and restored in accordance with current rules.
5. There are no rivers, creeks, lakes, ponds or water wells in the entire lease area. All water for drilling purposes will be trucked to location over present and to be constructed access roads shown on Exhibit A from the nearest water supply at Loco Hills, New Mexico.
6. Surface material will be the only source of material used in road and pad construction. All material will be hauled over present roads and road to be constructed as shown on Exhibit A.
7. All cutting and drilling fluid will be left in pits and covered after they have dried, which should be in 4 to 6 weeks. All garbage and trash will be kept in containers, placed in trash pit as shown on Exhibit C and covered when well is completed. No well in area has produced water or oil during drilling.
8. No camps or airstrips will be constructed.
9. See Exhibit C. There will be no lining used in mud pits. All equipment and transportation will use only access roads and drilling pad. Mud will be stacked on drilling pad adjacent to mud pump. Only minor leveling will be needed on drilling pad. No significant cuts or fills will be required other than construction of mud pits and reserve pit. The pad and pit area have been staked.
10. At completion of drilling and completion operations all equipment not necessary for well production will be removed, pits will be filled when dried, and trash pit will be covered when completion equipment is moved off. All access roads not needed for other producing wells or lease will be ripped and restored in accordance with current rules as will the pad if well is non-productive.
11. Area in general is rolling, with caliche ridges creating the principal changes in elevation. Mesquite and greasewood are primary bursh growth, with extremely scanty native grasses and fairly heavy weeds. All surface area is Federal land, as are all roads, present and to be constructed. Topsoil is sandy caliche, underlaid with caliche. Land is used for grazing purposes and is classed very low in number of livestock it will maintain because, the extremely sparse vegetation, and the fact there is no natural water above ground in the area for streams or ponds and closest water well to this location is 6 miles southeast. Nothing has been observed in the area that would give indication of archaeological, historical or cultural sites. There are no steep hillsides or gullies in the area where road and drilling pad are to be constructed and no drainage or erosion problems should be encountered. Road and pit construction will require little change other than blading. Wildlife in the area is typical semi-arid natives, numbers of all are considerable less than average across most of this country.
12. Operators representative is B. N. Muncy, Jr., P.O. Box 196, Artesia, New Mexico 88210. Telephone number (505) 746-6651.

LAWBAR PETROLEUM, INC.

Mesa Federal No. 1

Page 2

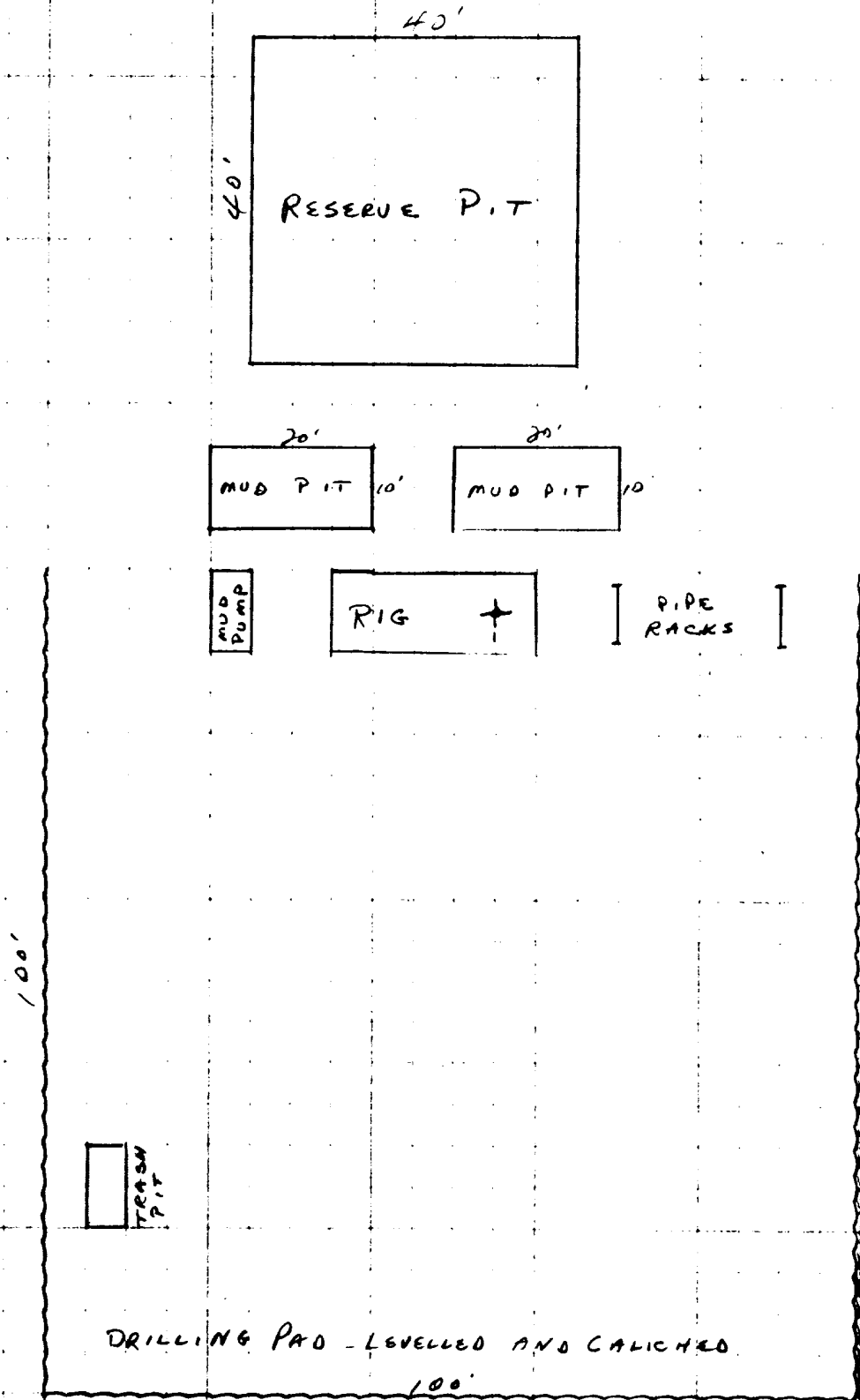
13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I'm familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct and that the work assisted with the operations proposed herein will be performed by LaRue and Muncy and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 24, 1979  
Date

LAWBAR PETROLEUM, INC.  
Operator

B. N. Muncy, Jr.  
B. N. Muncy, Jr. Agent

N - SCALE 1"=20'



PITS WILL BE DUG TO COVER GARBAGE AND TRASH, WHICH WILL BE KEPT IN CONTAINERS UNTIL WELL IS COMPLETED.

LAUBAR PETROLEUM, INC.  
EXHIBIT C

S C O U N T Y

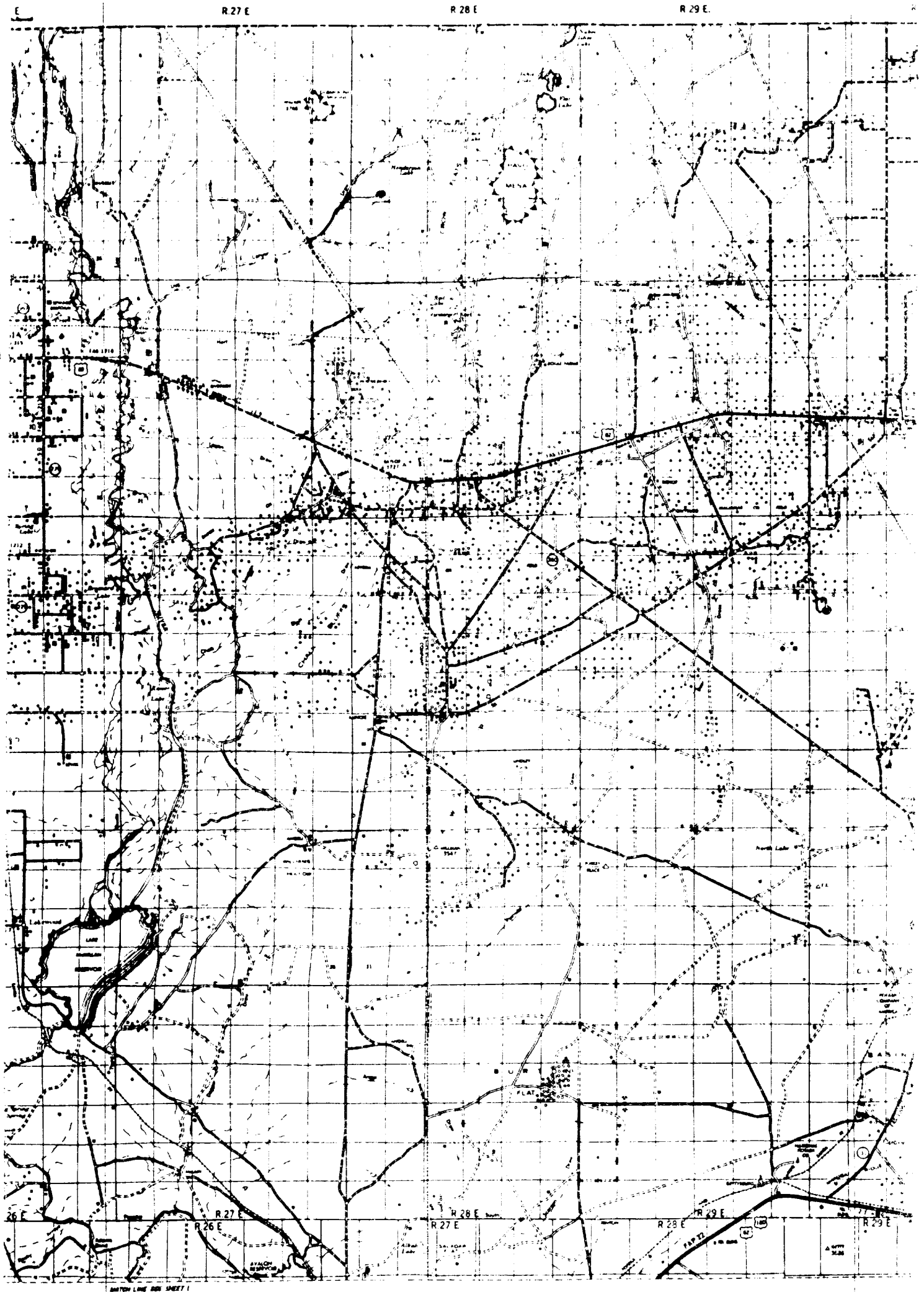
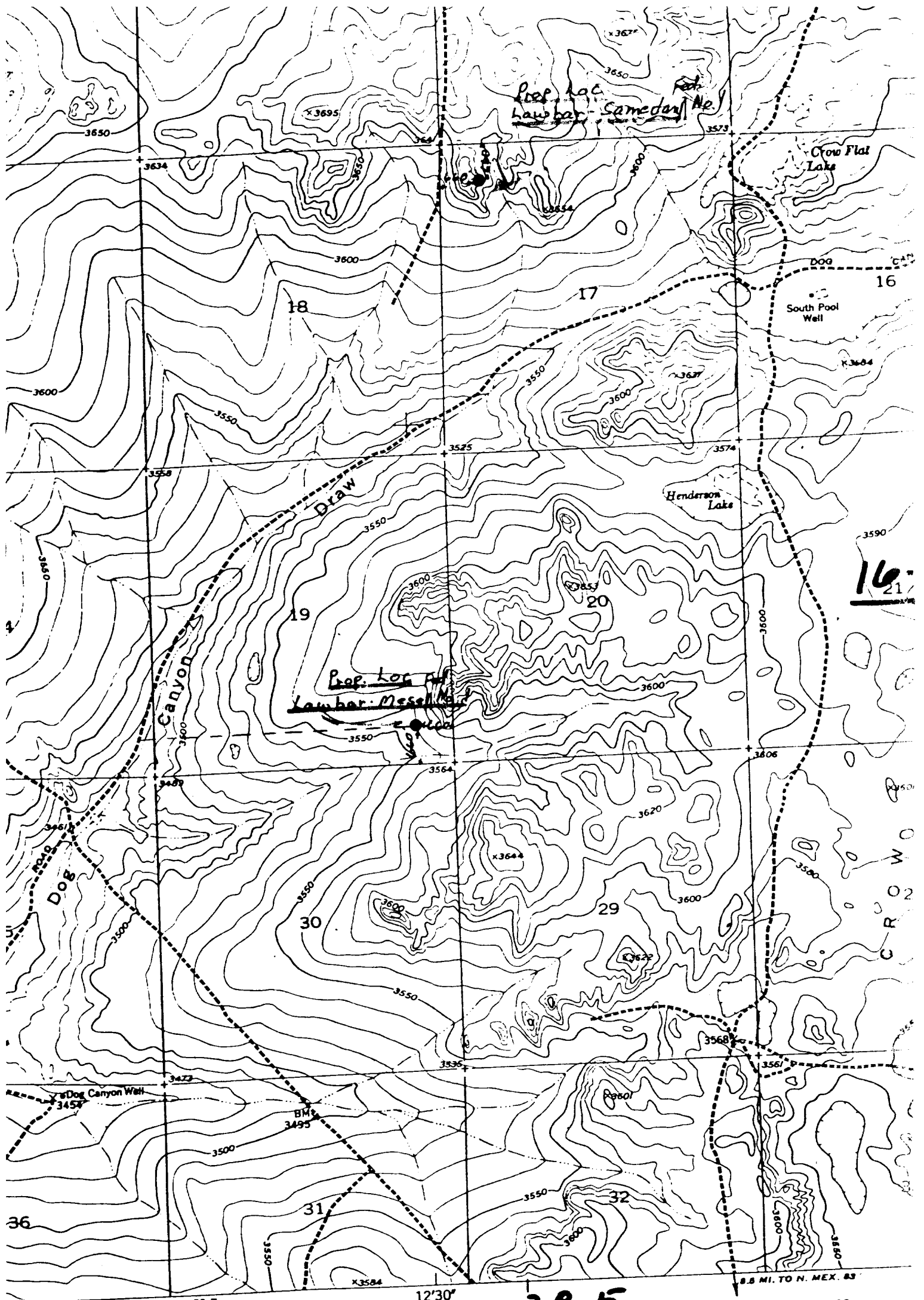


EXHIBIT C  
MESA FEDERAL #1  
LAWBAK PETROLEUM, INC.





1 FEET

R. 27 E R. 28 E

12°30'

**28 E**

SCALE 1:24000

1000 0 1000 2000 3000 4000 5000

1 5 0

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY  
FEDERAL BUREAU OF GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, CO.

EXHIBIT A  
MESA FEDERAL #1  
LAWBAR PETROLEUM, INC.

DIAMOND MOUND  
Quadrangle  
Eddy Co., N.M.

ROAD TO BE CONSTRUCTED 12°

TRUE NORTH  
MAGNETIC NORTH

APPROXIMATE MEAN  
DECLINATION, 1951

geological Survey

m system,