

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21655

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. LC 068402	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
c. NAME OF OPERATOR Marbob Energy Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 304, Artesia, N. M. 88210		8. FARM OR LEASE NAME Elliott	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface: 2310' FNL and 990' FWL of Sec. 28, T.18S., R. 30 E, NMPM At proposed prod. zone: Unit Letter "E" Queen Grayburg		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 12 miles East of Artesia, then 10 miles SE, then 4 miles northeast.		10. FIELD AND POOL, OR WILDCAT North Benson - Queen	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-18S-30E	
16. NO. OF ACRES IN LEASE 200		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE N M	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3350'		20. ROTARY OR CABLE TOOLS rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3439 ground level		22. APPROX. DATE WORK WILL START* 10-2-75	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8 5/8"	24	550	250
7 7/8"	4 1/2"	10.50	3300	350

Propose to spud and drill new well for testing the Queen, Penrose and Grayburg formations. Run and cement 8 5/8" casing at 550' and cement same w/ 250 sx or circulate same, Drill 7 7/8" hole to T. D. (3300') and if well productive run and cement 4 1/2" casing to total depth and cement w/ 350 sx. Use native mud from 0' to 2800', mud up with salt water mud w/ 32-36 visc. 9.8-10.0# wt. and 20 cc W.L. and use this mud from 2800' to T. D. Will nipple up w/ 10" 900 Shaffer Type E Hydraulic B.O. P. to be tested every trip, and test surface casing and BOP w/ 1000 PSI.

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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: John R. Gray TITLE: President DATE: 9/30/75
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DATE

APPROVED
OCT 17 1975H. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF
OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JAN 17 1976

See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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OCT 20 1975

Form O-102
Supersedes O-126
Effective 11-65

Attest to the correctness of the foregoing information of the Section

MARBOB ENERGY CORPORATION

ELLIOTT ~~ELLIS~~

E. C. C. No. 1
ARTESIA, OFFICE

E 28 18 South

30 East County EDDY

2310 North

990 West

3439 2 60 6-2 40

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, or pooling, etc.?

☐ Yes ☐ No If answer is "No," give explanation

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 well be assigned to the communitization, unitization, pooling, etc., until it 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 *John R. Dwyer*
Position President
Company Marbob Energy Corporation
Date 9/20/75

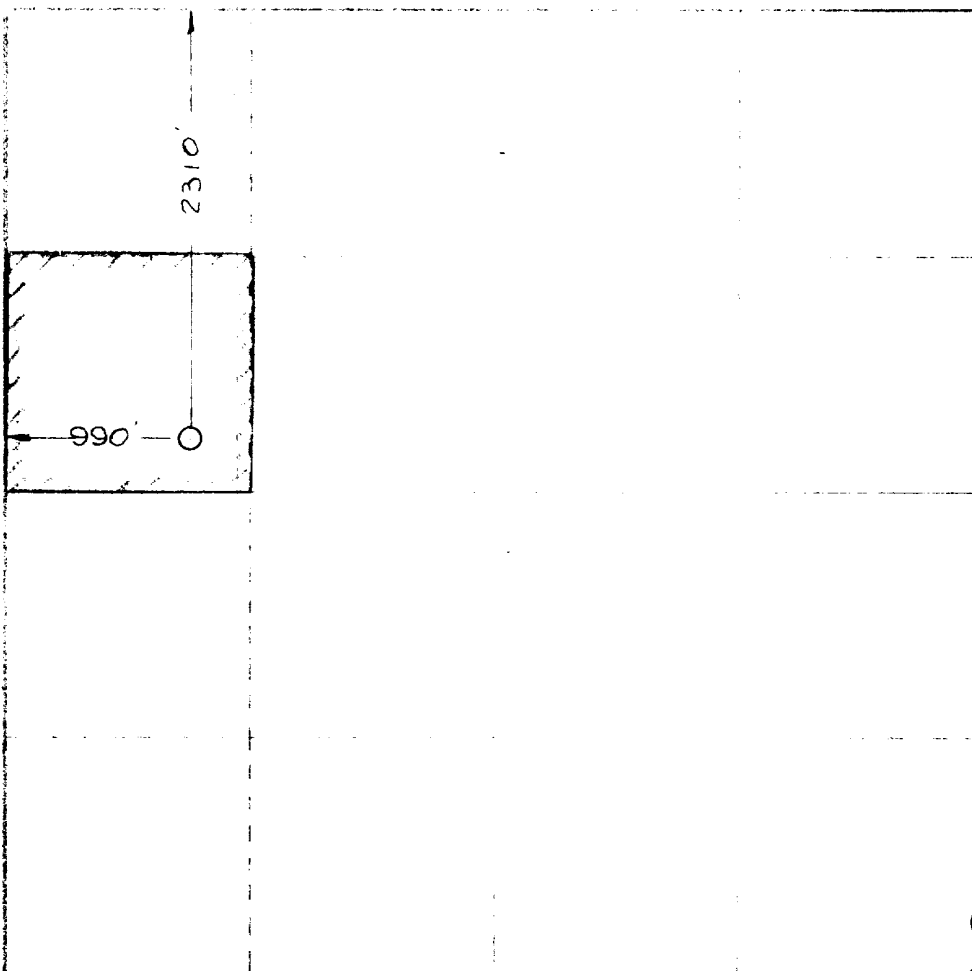
I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed September 18, 1975

Registered Professional Engineer and/or Land Surveyor

John W. Shearn

Certificate No. 1559



130 660 20 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Marbob Energy Corporation

P. O. BOX 304
ARTESIA, NEW MEXICO 88210

PHONES
OFFICE: 746-3692

NIGHT
746-3805
746-4877

SURFACE USE PLAN

MARBOB ENERGY CORPORATION
Elliott # 1
2310FNL & 990FWL
Sec. 28-18S-30E
Eddy County, New Mexico
Lease No. LC 068402

This plan is to accompany "Application for Permit to Drill" the Elliott # 1 well which is located approximately 26 miles from Artesia, New Mexico. The following is an outline of the pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy of this plan will be posted at the drill site so that all contractors and sub-contractors will be aware of all items of this plan.

1. Areal Road Map - Exhibit "A" is a portion of the Eddy County Road Map showing well site in relation to Highway 82.

2. Location of Existing Wells within 1 Mile radius - Exhibit "B" is map showing location of existing wells in this area.

3. Proposed Well Map and Immediate Area -
Mat Size - 130' X 200'

Surfaced-- Will be topped with 6" of caliche, bladed, watered and compacted. Caliche will be obtained from state pit.

Reserve Pit - 100' X 50' lined with plastic, joining mat to north.

Cut & Fill - Location is nearly level, only slight amount of leveling will be required, no hauling in of fill will be necessary.

Drill Site Layout - Exhibit "E" shows position of mat, and all pits in relation to well. Rig will be erected with V-Door to east or west. Road entry will be from southeast.

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O. C. C.
ARTESIA, OFFICE

SURFACE USE PLAN

MARBOB ENERGY CORPORATION
Elliott # 1

f. Setting and Environment -

- (1) Terrain - Low rolling sand hills.
- (2) Soil - Sandy soil.
- (3) Vegetation - Sparse vegetation, being mostly grease wood, shinnery and other semi-desert plants, with very little grass.
- (4) Surface Use - some grazing.
- (5) Other - Drillsite, which is in nearly flat semi-arid desert country, is in a low environmental risk area. The total effect of drilling and producing this and other wells in this area would be very minimal.

g. Distances to:

- (1) Ponds & Streams - There are no surface waters within 1 mile.
- (2) Water Wells - There are no water wells within 1/2 mile.
- (3) Residences and Buildings - There are no houses or buildings within 1/2 mile.
- (4) Arroyos, Canyons, Hills, Etc. - This area is low rolling sand hills.

h. Well Sign - Sign identifying and locating well will be maintained at drill site commencing with the spudding of the well.

i. Open Pits - All pits containing mud or other liquids will be fenced or guarded.

4. ROADS

- a. Existing Roads - All existing roads within 1 mile of well site are shown on Exhibits "A" and "C".
- b. Planned Roads - Plan to construct approximately 1,000 feet of new 12 ft. wide road to be topped with caliche. See Exhibit "D".
- c. Fences, Gates and Cattleguards - It will not be necessary to disturb the existing fence, any gates or cattleguards, nor create any.

5. TANK BATTERY - If production is encountered, battery and production equipment will be located as shown on Exhibit "E". We do not anticipate the necessity of a fence around the tank battery.

6. LEASE PIPELINES -
EXISTING - None

PLANNED - If production is encountered, all lease lines are to be constructed on well mat.

SURFACE USE PLAN

MARBOB ENERGY CORPORATION
Elliott # 1

WASTE DISPOSAL - Well cuttings will be disposed in reserve pit. Barrell trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "E" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system.

8. WATER SUPPLY - All water to be used at this location will be hauled by truck.
9. ARCHAEOLOGICAL RESOURCES - None were observed.
10. RESTORATION OF SURFACE - If well is productive, pits will be back-filled and leveled as soon as practical. Upon final abandonment of well, well site will be leveled and cleaned, with land returned as near as practical to original condition.
11. OPERATOR'S REPRESENTATIVE - Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

John R. Gray
1806 Sears
Artesia, N M 88210
Home Phone 505-746-3895
Office " 505-746-3692
Ans.Serv." 505-746-4302

Mack C. Chase
P. O. Box 254
Artesia, N M 88210
Home Phone 505-746-4877
Office " 505-746-3692
Ans.Serv." 505-746-4302

12. CERTIFICATION -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Marbob Energy Corporation and its contractors and sub-contractors will conform to this plan.

Date

9/30/75



SURFACE USE PLAN

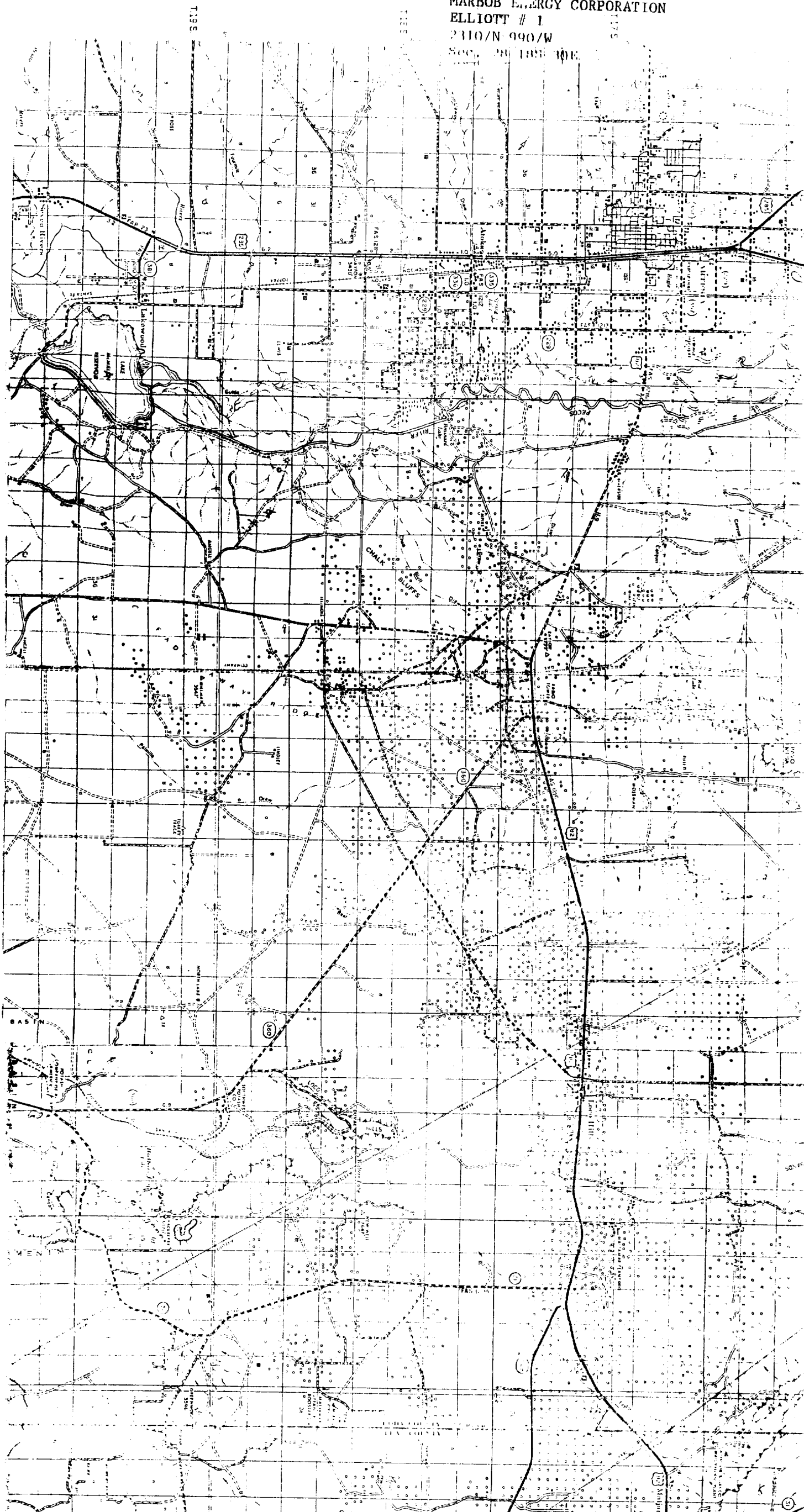
MARBOB ENERGY CORPORATION

ELLIOTT # 1

2310/N 990/W

Sec. 28 T13S R10E

A



SURFACE USE PLAN
MARBOB ENERGY CORPORATION
Elliott # 1
2310/N 990/W
Sec. 28-18S-30E

BENSON

STATE

NM 0243816
LAND

NM 048617
NM 048617
NM 048617

NM 033775
NM 033775
NM 033775

NM 016808
NM 016808
NM 016808

NM 016809
NM 016809
NM 016809

NM 025103
NM 025103
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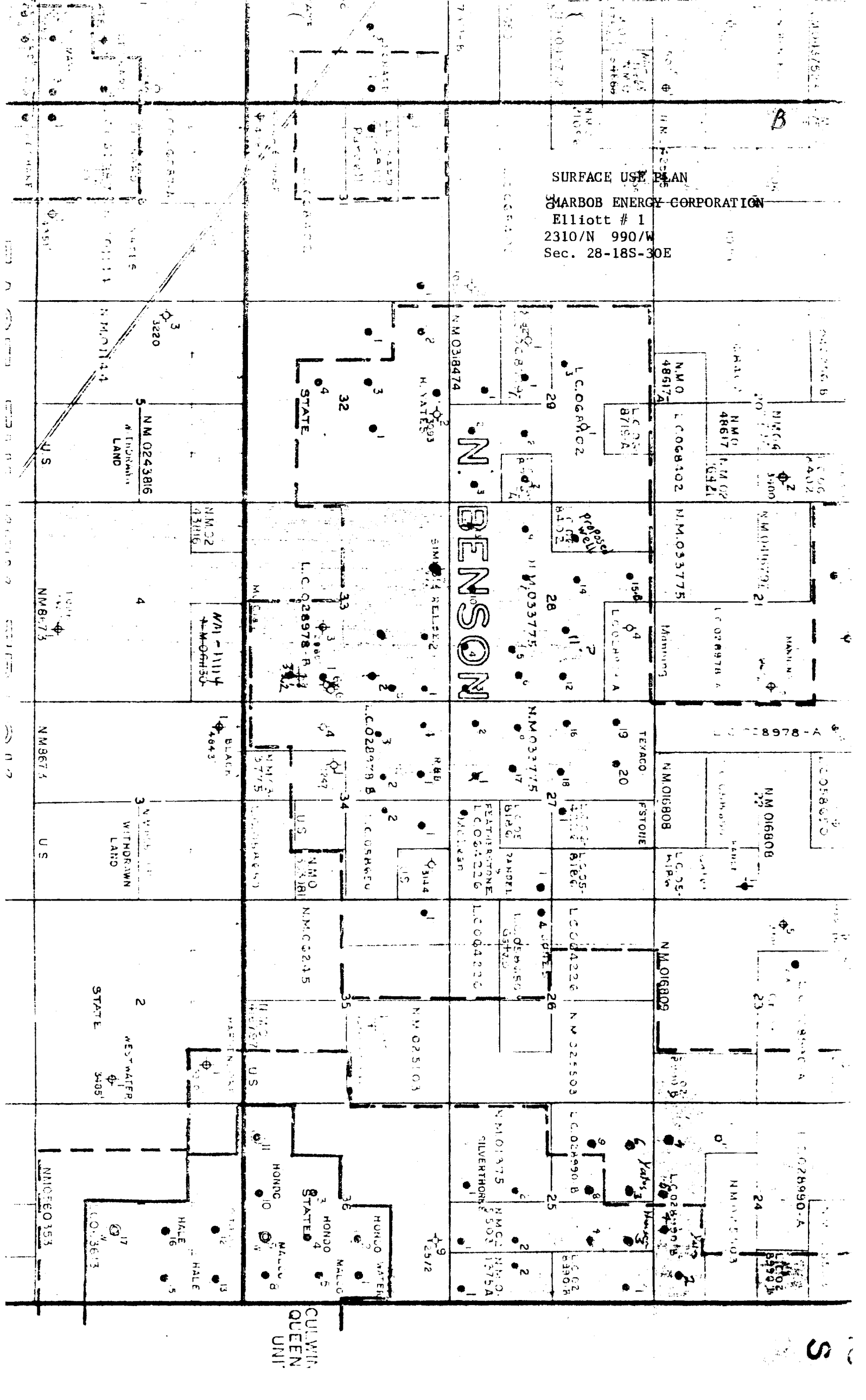
NM 02245
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NM 02245

NM 025103
NM 025103
NM 025103

NM 0243816
LAND

NM 0243816
LAND

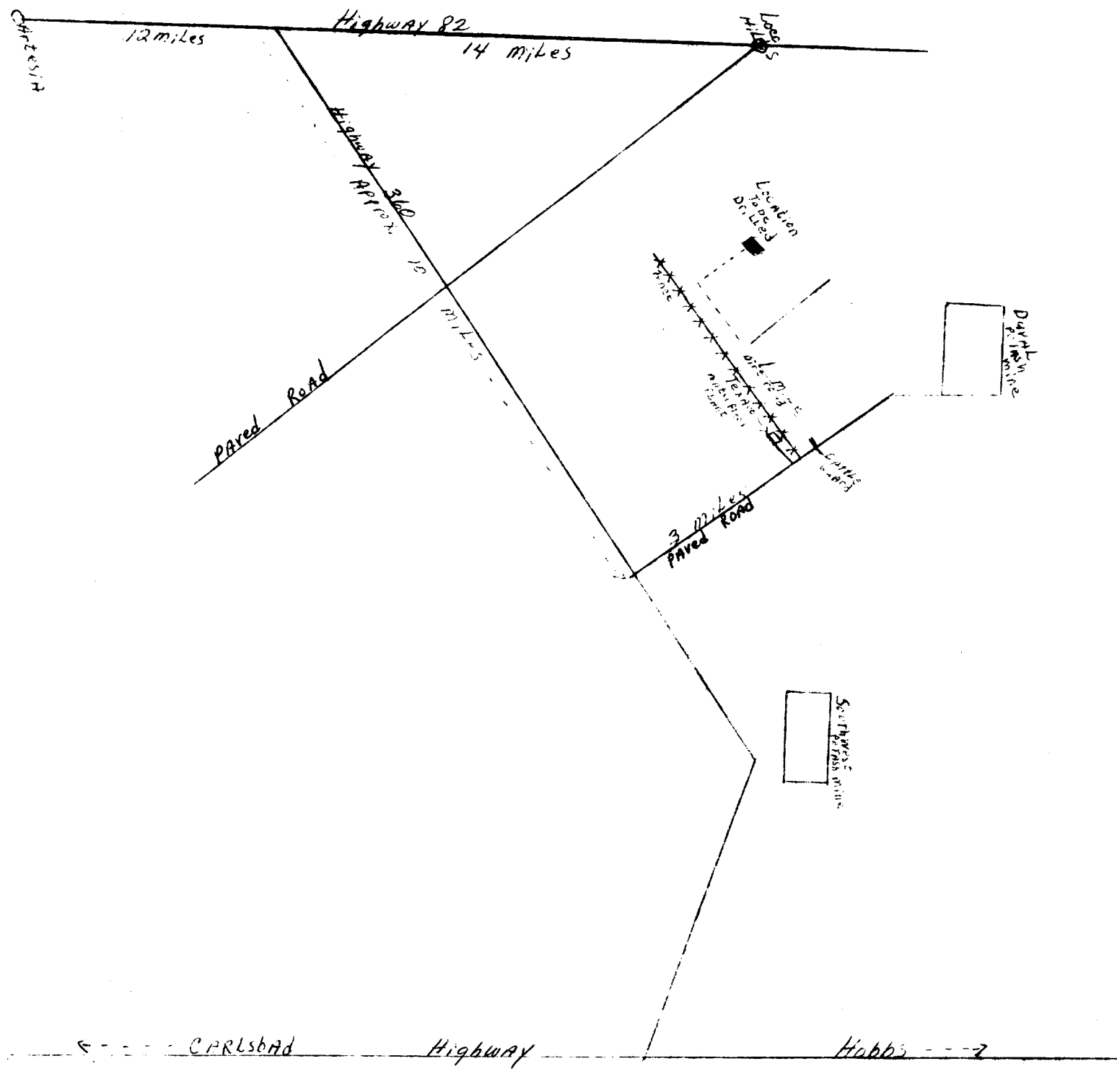
NM 0243816
LAND



"C"

SURFACE USE PLAN

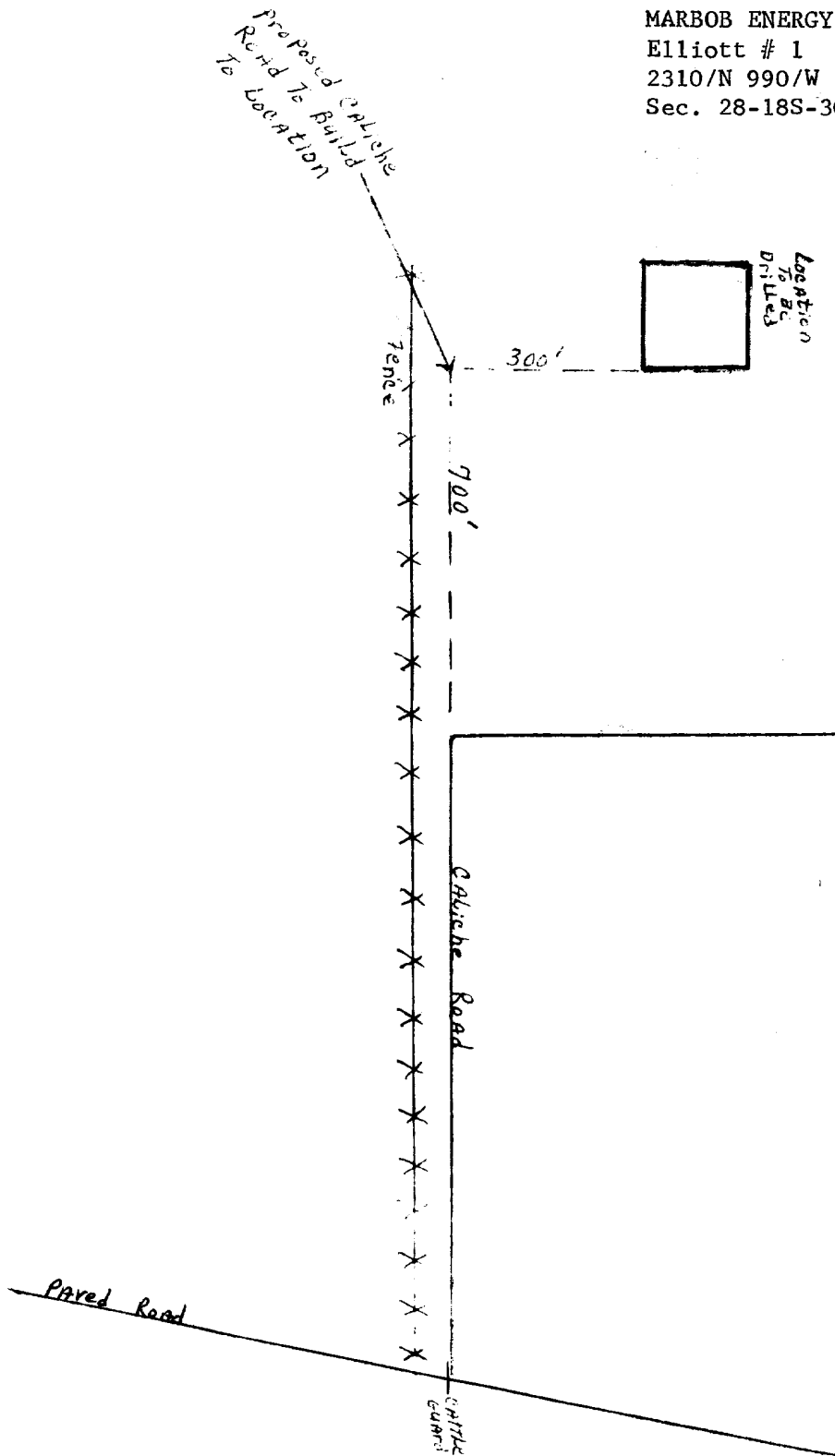
MARBOB ENERGY CORPORATION
Elliott # 1
2310/N 990/W
Sec. 28-18S-30E



SURFA USE PLAN

MARBOB ENERGY CORPORATION
Elliott # 1
2310/N 990/W
Sec. 28-18S-30E

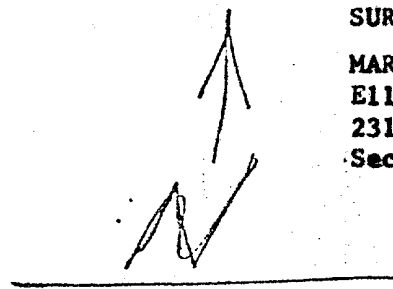
"D"



W.E.K. Drilling Co., Inc.

Rig #1 Location & Mud Pit Specs.

"E"



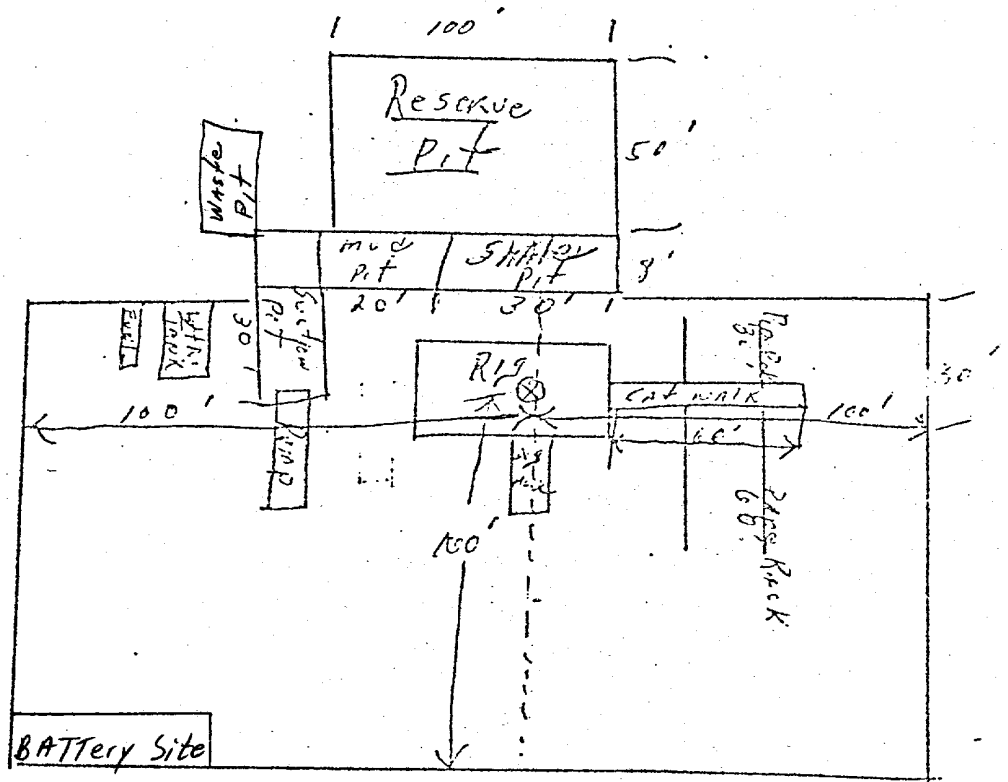
SURFACE USE PLAN

MARBOB ENERGY CORPORATION

Elliott # 1

2310/N 990/W

Sec. 28-18S-30E



Shaffer 10" Series 900 Type 8 B.O.P. with 4½" pipe rams and blanks.
Hydraulic operated 6,000# test, 3,000# WOP.