

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

LC 068402

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Elliott

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

North Benson - Queen - *Sh*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

29-18S-30E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

22. APPROX. DATE WORK WILL START*

Dec. 15, 1975

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Marbob Energy Corporation

3. ADDRESS OF OPERATOR

P. O. Box 304, Artesia, NM. 88210

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

At surface 2310 FNL and 330 FEL of Sec. 29, T.18S., R.30E., NMPM

Unit Letter H

At proposed prod. zone

Queen Grayburg

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

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

200

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

3350'

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

3414 ground level

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	3350	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. (3350') 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.

RECEIVED

DEC 24 1975

O. C. C.

ARTESIA, OFFICE

RECEIVED

DEC 23 1975

U.S. GEOLOGICAL SURVEY
ARTESIA, N.M.

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

R. May

TITLE

President

DATE

12/1/75

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 17 1975

DISTRICT ENGINEER

APPROVED BY

John A. Roub

TITLE

DATE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances shall be to the outer boundaries of the Section.

Owner MARBOB ENERGY CORP.			Lease ELLIOTT 14-65		Well No. 2
Section H	Section 29	Township 18 South	Range 30 East	County Eddy	
Section Fourteen Location of Well: 2310 feet from the North line and 330 feet from the East line.					
Section Level Elev. 3414	Producing Formation O-Gh.		Well and North Carson O-Gh.		Dedicated Acreage: 40 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 _____

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.

	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>
	<p>Name <i>Mack C. Chan</i></p>
	<p>Position Vice President</p>
	<p>Company Marbob Energy Corporation</p>
	<p>Date December 1, 1975</p>
	<p align="center">RECEIVED</p> <p>I hereby certify that the well location shown on this plat was taken from field notes of actual surveys made by me or U. under my supervision, and that the same are correct to the best of my knowledge and belief.</p> <p align="center">DECEMBER 1975 GEOLOGICAL SURVEY ARTESIA, NEW MEXICO</p>
	<p>Date Surveyed November 21, 1975</p>
	<p>Registered Professional Engineer and/or Land Surveyor <i>John W. Shearn</i></p>
<p>Certificate No. 1559</p>	

0 330 660 990 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
746-3895
746-4877

SURFACE USE PLAN

MARBOB ENERGY CORPORATION

Elliott # 2
2310 FNL & 330 FEL
Sec. 29, T. 18 S., R. 30 E.
Eddy County, New Mexico
Lease No. LC 068402

This plan is to accompany "Application for Permit to Drill" the Elliott # 2 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 -
 - a. Mat Size - 130' X 200'
 - b. Surfaced - Will be topped with 6" of caliche, bladed, watered and compacted. Caliche will be obtained from state pit.
 - c. Reserve Pit - 100' X 50' lined with plastic, joining mat to north.
 - d. Cut & Fill - Location is nearly level, only slight amount of leveling will be required, no hauling in of fill will be necessary.
 - e. 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.

RECEIVED

DEC 2 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

SURFACE USE PLAN

MARBOB ENERGY CORPORATION

Elliott # 2

- 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 environment 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 1,320 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 on the Elliott No. 1 well site, 2310 FNL and 990 FWL of Sec. 28, T. 18 S., R. 30 E., Eddy County, N. M. We do not anticipate the necessity of a fence around the tank battery. See Exhibit "F".

SURFACE USE PLAN

Marbob Energy Corporation
LLP

6. LEASE PIPELINES -

Existing - None

Planned - If production is encountered, all lease lines are to be run to the Elliott No. 1 well site, 2310 FNL and 990 FWL of Sec. 28, T. 18 S., R. 30 E., Eddy County, New Mexico, see Exhibit "F".

7. WASTE DISPOSAL - Well cuttings will be disposed in reserve pit. Barrel 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 " 505-746-2422
Ans. Serv. 505-746-4302

Mack C. Chase
P. O. Box 244
Artesia, N. M. 88210
Home Phone 505-746-4877
Office " 505-746-2422
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 Dec. 12, 1975

SURFACE PLAN

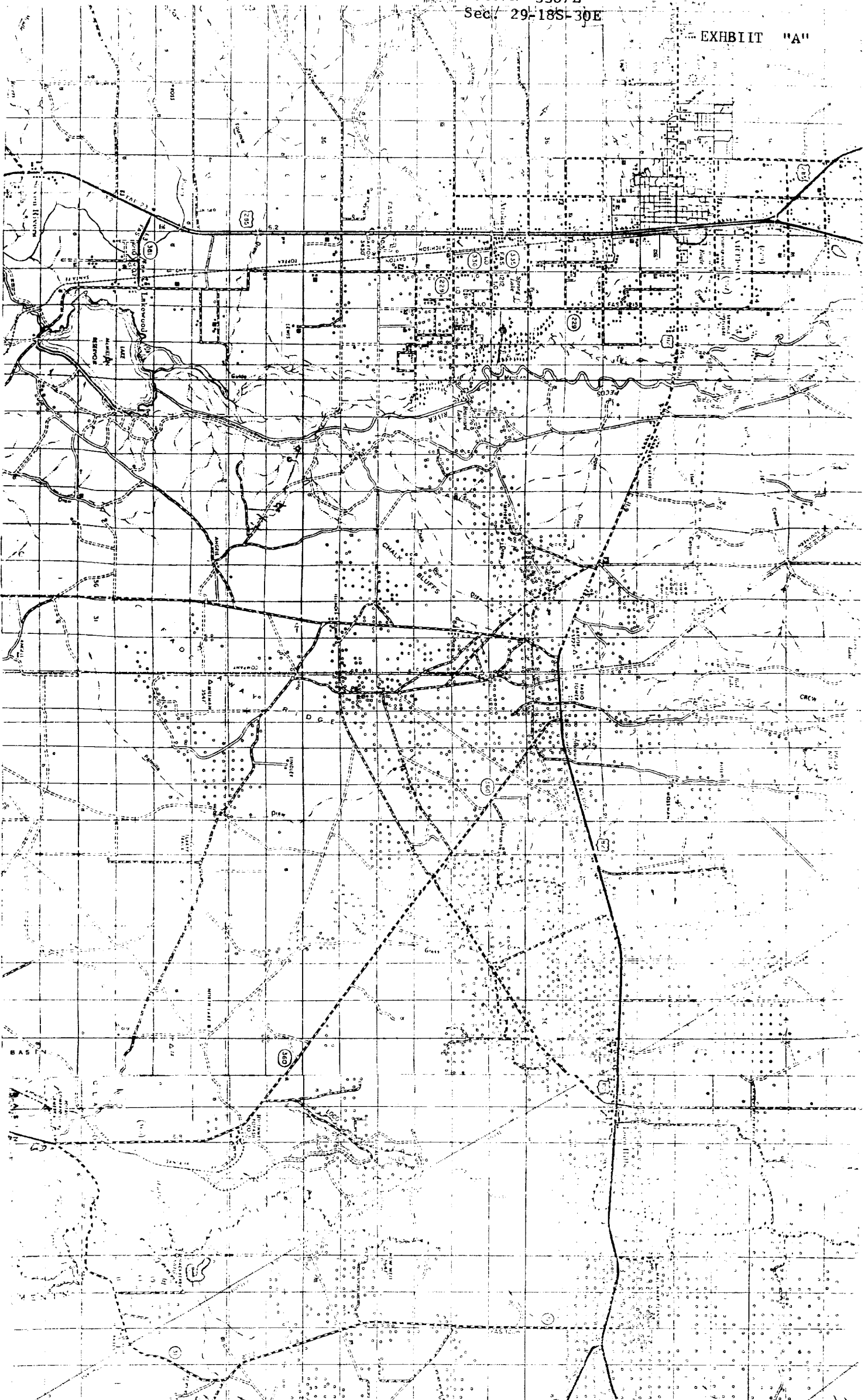
MARBOB ENERGY CORPORATION

ELLIOTT # 2

2310/N 330/E

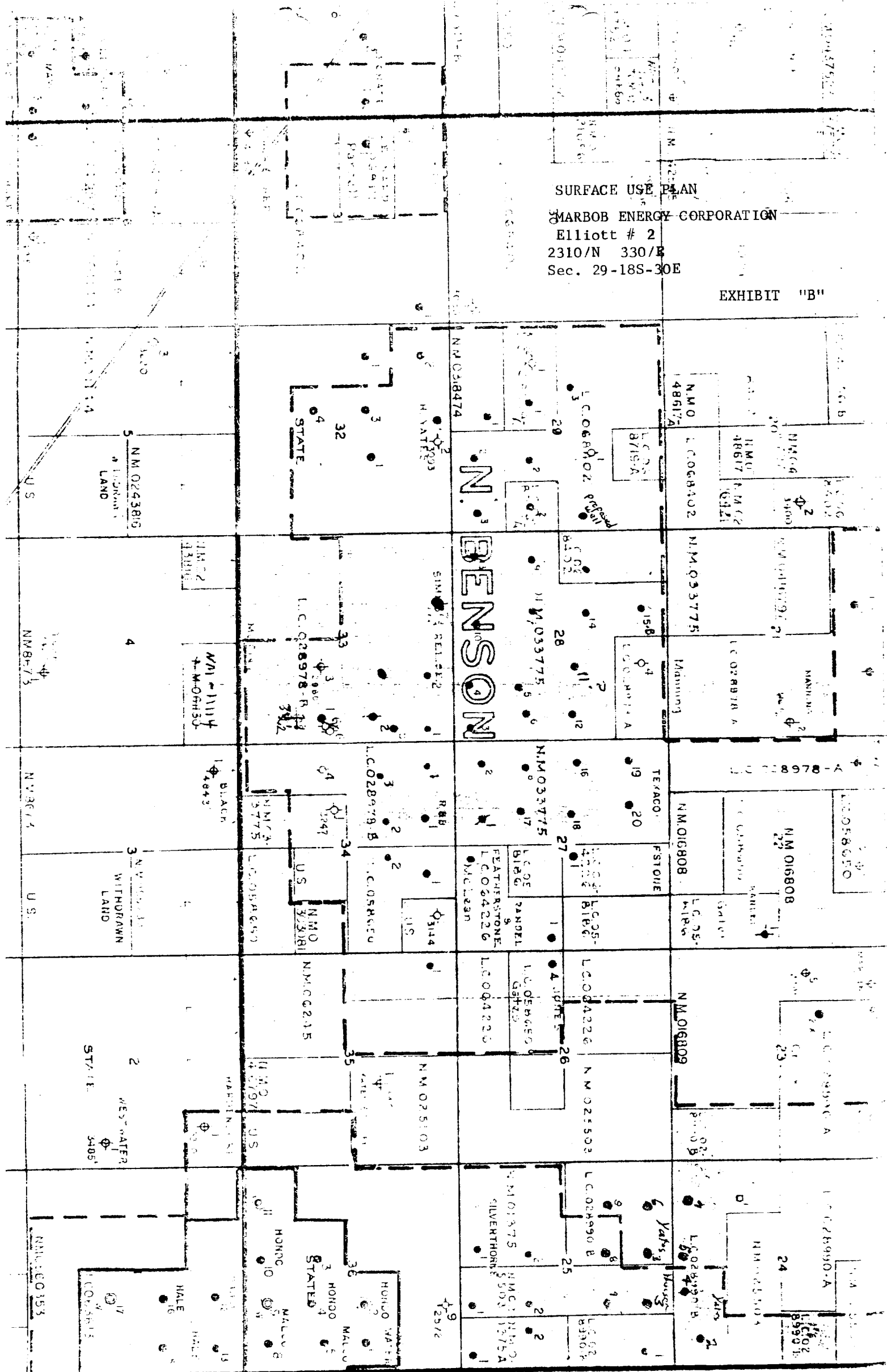
Sec. 29-18S-30E

EXHIBIT "A"



2310/N 330/E
Sec. 29-18S-30E

EXHIBIT "B"



CLERK
QUEEN
UNIT

51

SURFACE USE PLAN

HARBOR ENERGY CORPORATION

ELLIOTT

2310 FNE & 130 TEL

Sec. 29, T.18S., R.30E.

EXHIBIT "C"



Nov. 29, T. 1831, B. 30b.

SURFACE US

MARBOB ENR

Elliott #

2310 FNL

300'

1320'

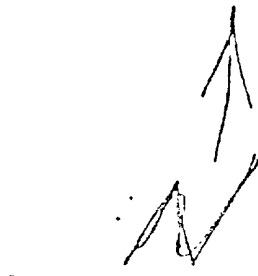
Flow line

Elliott #1

Church Road

FAYER ROAD

Rig # 1 Location & mud Pit Specs:



Sec. 29-18S-30E

A hand-drawn site plan map showing various pits, roads, and dimensions. The map includes labels such as "Reserve Pit", "Waste Pit", "mud pit", "Shale Pit", "Rig", "Cement Water", "Back Gate", "New Back", and "Gate". Dimensions are noted throughout, including "100'", "50'", "8'", "20'", "30'", "60'", and "100'". A dashed line indicates a distance of "100'" from the bottom center towards the rig area. The map also shows several rectangular structures, possibly buildings or storage areas, and a road labeled "100'".

Shaffer 10" Series 900 Type B S.O.P. with $\frac{4}{1}$ " pipe ram and blade.
Hydraulic operated 6,000 $\frac{1}{2}$ Lbs., 3,000 $\frac{1}{2}$ Bsp.

Handwritten: 12-1-1964

SURFACE USE PLAN

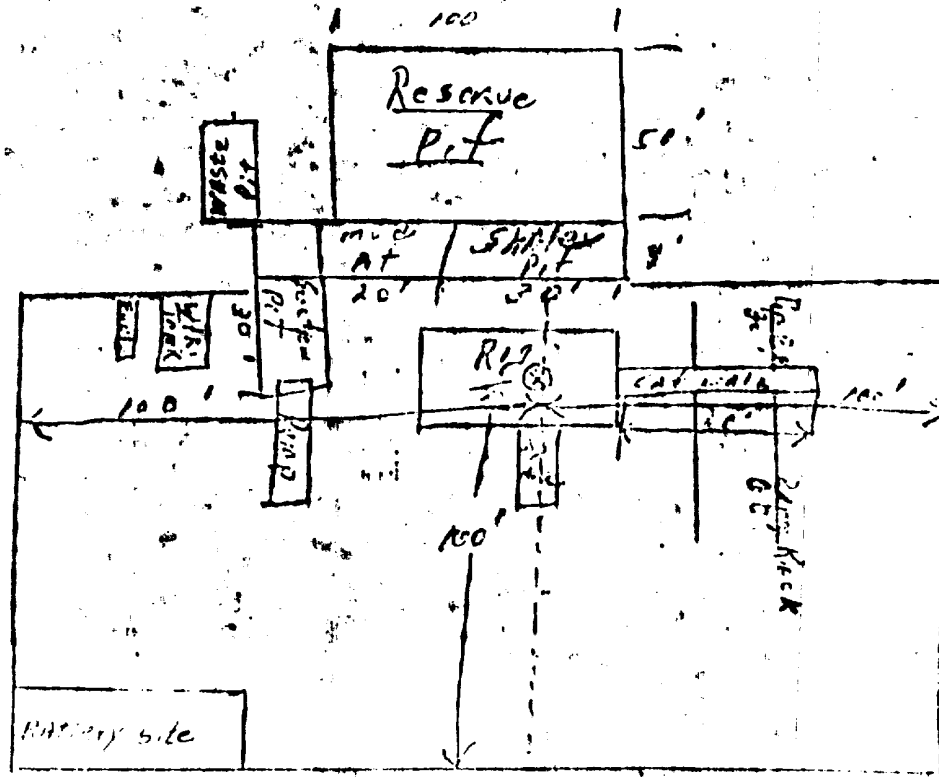
MARBOB ENERGY CORPORATION

Elmfort # 1

2310 N 990 W

Sec. 28-18S-30E

EXHIBIT "F"



10" 3,000 psi 900 type B B.U.P. with 4 1/2" pipe and 20' of
 cable operated 6,000 psi test, 3,000 psi B.U.P.