

UNITED STATES GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21722

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 ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Bruce Anderson

3. ADDRESS OF OPERATOR

P.O. Box 1352 Roswell, NM 88201

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

At surface

2310 Ft. E South Line, 330 Ft. E East Line

At proposed prod. zone

Same

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

Approximately 23 miles East of Artesia New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

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

3450

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3494.5 C.L.

22. APPROX. DATE WORK WILL START*

On Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	32	780"	350 sx circulated
7-7/8"	4-1/2"	10.5	3450	350 sx.

It is proposed to drill a new well to the Queen, Penrose and Grayburg formations at the above location. 8-5/8" casing will be run to about 780 feet and cemented with 350 sx of regular, or sufficient amount to circulate to surface. A 7-7/8" hole will be drilled to total depth and if productive 4-1/2" casing will be run and cemented with 350 sx.

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JAN 15 1976
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

RECEIVED
DEC 18 1975
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

W. B. McCay

TITLE Agent

DATE December 15, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

*See Instructions On Reverse Side

JAN 16 1976

O. C. C.
ARTESIA, OFFICE

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

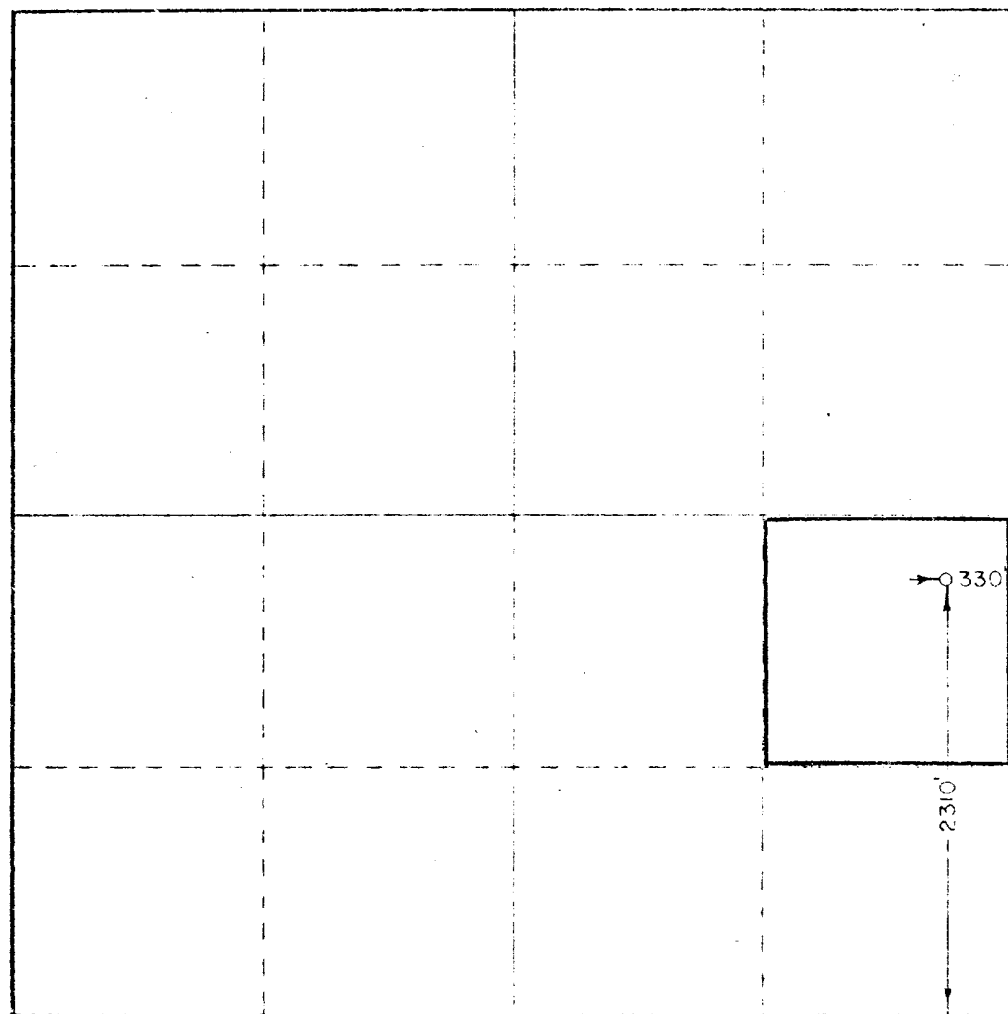
Owner Bruce Anderson		Lease Anderson Federal		Acreage 1	
Section 1	Range 35	Township 18 South	Meridian 30 East	County Eddy	
Actual Footage Location of Well 2310		feet from the South		330 feet from the East	
Ground Level Elevation 3494.5 G.L.	Producing Formation QUEEN		Sealing Formation SHUGART QUEEN		Depth 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, 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.



CERTIFICATION

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

William G. McCoy
William G. McCoy
 R Agent

Bruce Anderson

December 15, 1975

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I hereby certify that the well location shown **DEC 18 1975** is taken from field notes of actual surveys made by me or **U. S. GEOLOGICAL SURVEY** at the same **ARTESIA, NEW MEXICO** best of my knowledge and belief.

December 15, 1975

Reg. Sec. of State, New Mexico
 and by my Deputy

John W. West
John W. West
 576

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

SURFACE USE PLAN

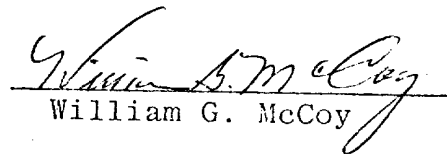
BRUCE ANDERSON No.1 FEDERAL
2310' FSL, 330' FEL, Sec.35, T-18-S, R-30-E
LEASE KGS 16477, EDDY COUNTY, NM

This plan is to accompany "Application for Permit to Drill" the subject well which is located approximately 26 miles east of Artesia, New Mexico. The following is a discussion of the pertinent information concerning the 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 will be posted on the derrick floor so that all contractors and subcontractors will be aware of all items of this plan.

1. AREAL ROAD MAP - Exhibit "A" is a portion of the New Mexico State Highway Department topographic map, Eddy County, New Mexico, showing existing roads in the area of the proposed well site. An existing lease road on the Getty Oil Company "BK" lease is approximately 660 feet east of the proposed location, this lease road connects to the south with a county maintained road approximately four miles northeast of the Southwest Potash Company plant site. The planned location entry road will be a 660 feet extension of the "BK" lease road.
2. LOCATION OF EXISTING WELLS - Numerous wells have been drilled in the area of the proposed well. Exhibit "B" is a copy of the current lease map in the area and shows the producing wells to the east and the several dry holes surrounding the lease to the west.
3. PROPOSED WELL MAT AND IMMEDIATE ACCESS - Refer to Exhibit "C" for direction orientation and road access.
 - a. MAT SIZE - 180 feet X 90 feet
 - b. SURFACED - Will be bladed as needed.
 - c. RESERVE PIT - 25 feet X 45 feet, plastic lined.
 - d. CUT AND FILL - Location is near level, only general leveling is needed.
 - e. DRILL SITE LAYOUT - Exhibit "C" shows position of mat, reserve pit, water tank, rig and pipe racks. Position of tank battery is shown if productive.
 - f. SETTING AND ENVIRONMENT - This is an area where the surface is composed of a thin mantle of gravel, wind-blown sand and gypsite. There is little vegetation, mostly desert shrubs and little or no grass.
 - g. DISTANCES TO - Ponds, streams, water wells, residences, and buildings, arroyos, canyons. None. There is a fence line approximately 400 feet east of the proposed location. A cattleguard will be installed for drilling.

- h. WELL SIGN - A sign identifying and locating well will be maintained at drill site on spudding the well.
 - i. OPEN PITS - All pits containing mud or other liquids will be fenced or guarded.
4. ROADS
- a. EXISTING ROADS - Exhibit "A" shows all existing roads in the area of the proposed location.
 - b. PLANNED ROADS - It is proposed to use all existing roads to the Getty Oil Company No.1 "BK" well. From this location a 10 foot wide road will be bladed westward to the location. New road is shown in red on Exhibit "C". If weather conditions require the road will be compacted.
5. TANK BATTERY - If production is encountered, the tank battery will be located on the southeast corner of the drilling pad as shown on Exhibit "C".
6. LEASE PIPELINES
- a. EXISTING - None
 - b. PLANNED - None, oil will be trucked in event of production.
7. WASTE DISPOSAL - Well cutting will be disposed of in the reserve pit. Barrel trash containers to be accessible to rig personal within the drill site area during drilling and completion operations. All other waste will be hauled away, or burned on completion of operations. If well is productive maintenance waste will be placed in trash containers to be kept on location and hauled away periodically. Any water produced by the well will be collected and stored in tanks and hauled away periodically to approved disposal sites.
8. WATER SUPPLY - Water for operations will be trucked to location.
9. ARCHAEOLOGICAL RESOURCES - None observed
10. RESTORATION OF SURFACE - The Bureau of Land Management will have a Restoration of Surface stipulation.
11. OPERATOR'S REPRESENTATIVE - Field representative for Bruce Anderson to be contacted concerning compliance of this plan is as follows:

William G. McCoy Office Phone 622-5012
307 N. Washington Ave. Home Phone 623-0166
Roswell, NM 88201


William G. McCoy

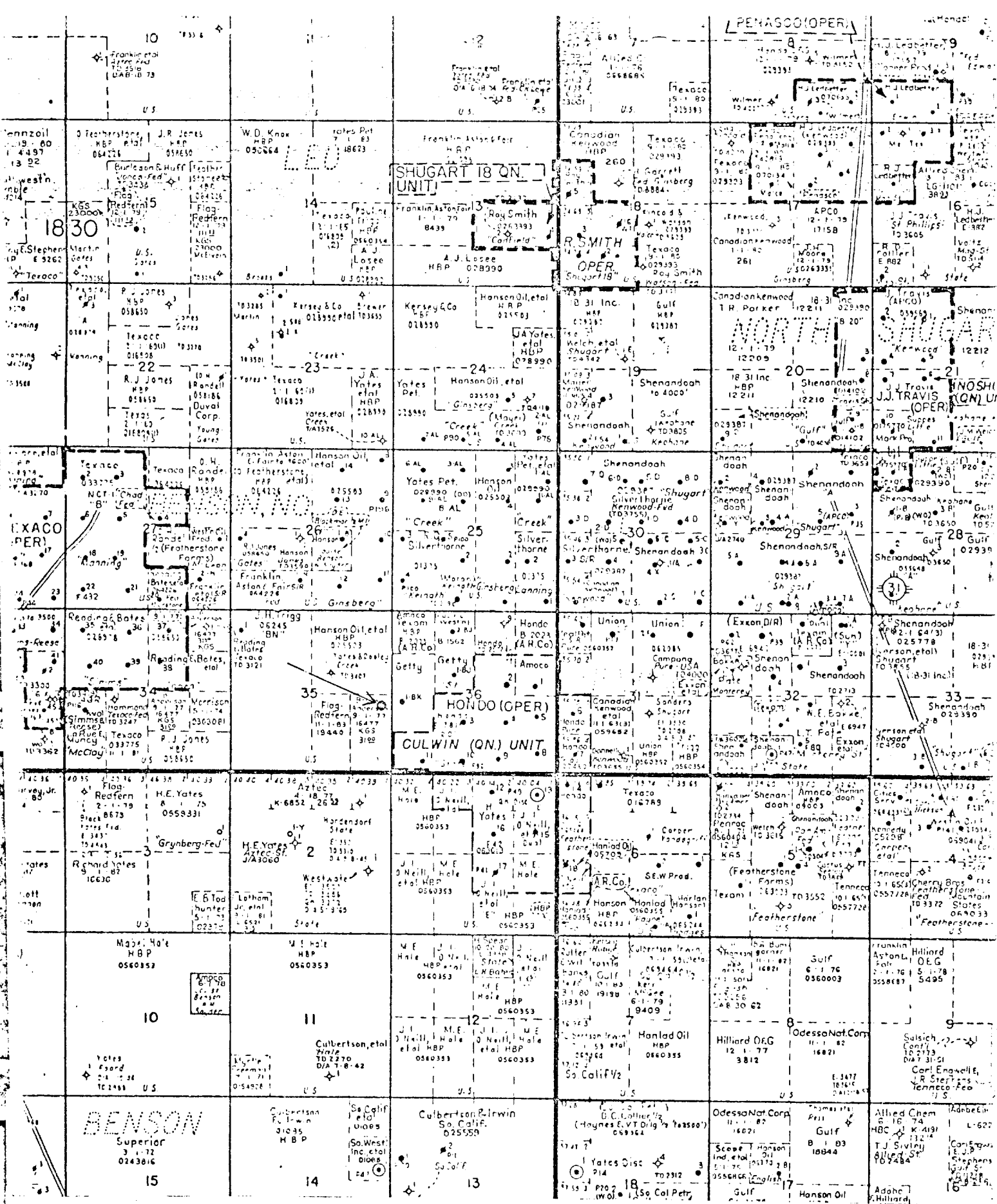


EXHIBIT "B"

BRUCE ANDERSON

SURFACE USE - DEVELOPMENT PLAN

No. 1 ANDERSON FEDERAL

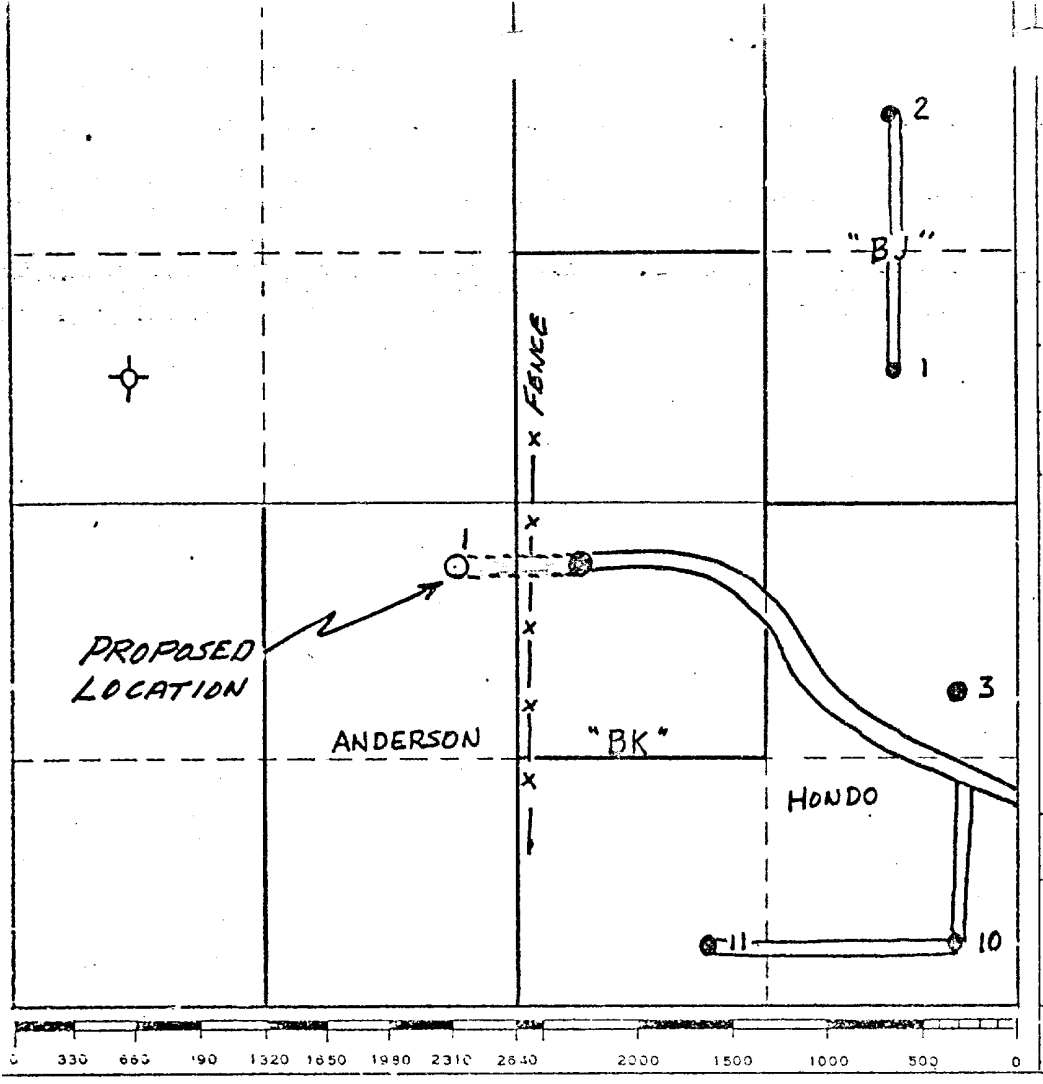


EXHIBIT "C"

SURFACE USE PLAN

BRUCE ANDERSON

No.1 ANDERSON FEDERAL

330' FEL, 2310' FSL

Sec.35, 18S, 30E

185

DETAIL OF DRILLING PAD

