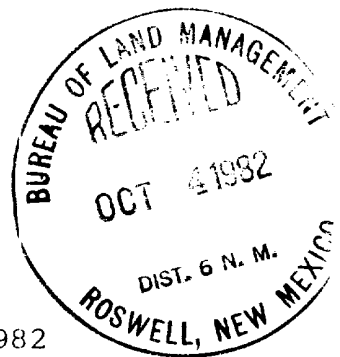
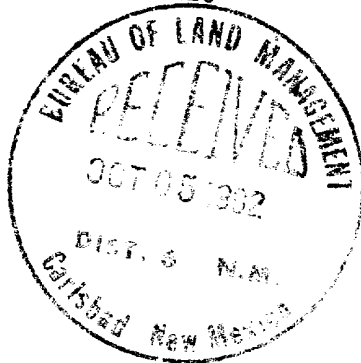


NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210



September 29, 1982

Anadarko Production Company
P. O. Drawer 130
Artesia, New Mexico 88210
Jerry E. Buckles
Phone: 748-3368

RECEIVED

OCT 26 1982

O. C. D.

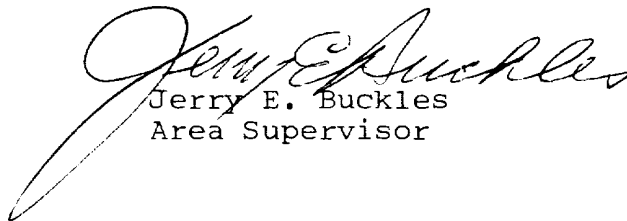
ARTESIA, OFFICE

Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201

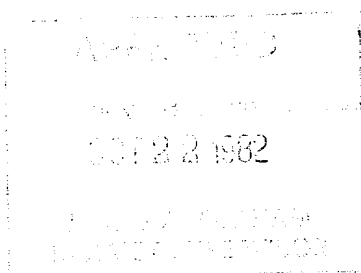
Gentlemen:

The attached Amended Surface Use Plan is for the purpose of obtaining BLM approval to blade, ditch, lay lines, and backfill approximately 4000' of Right-of-way. All construction will take place within the boundaries of the Loco Hills Fed. B lease. No lease lines will be crossed.

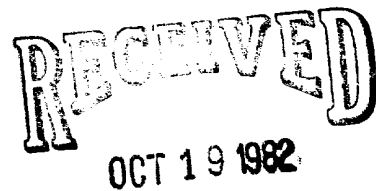
Yours very truly,


Jerry E. Buckles
Area Supervisor

JEB/glf



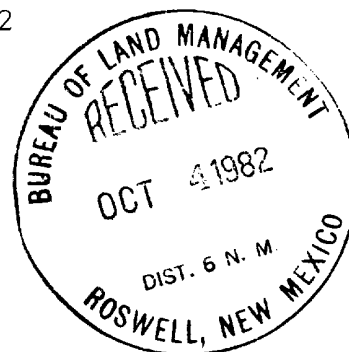
SEE ATTACHED STIPS



OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

September 29, 1982

Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, New Mexico 88201



Gentlemen:

Following is the "Amended Surface Use Plan" for the conversion of the following wells to water injection wells: Fed. B #5-9 and Fed. B #7-9.

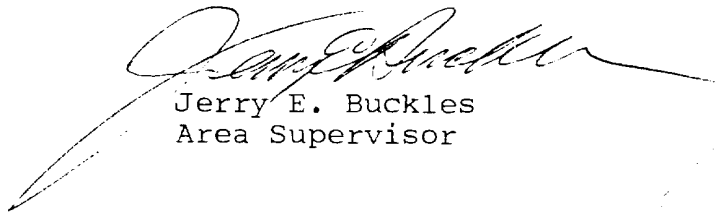
Attached is: A small scale map (Exhibit #1) showing the location of Anadarko's West Square Lake Waterflood project in relation to Loco Hills. A larger scale map (Exhibit #2) shows the Water Plant Site in red, existing roads in orange and existing water injection lines in solid blue, and proposed water injection lines in dashed blue.

1. Existing Roads - The existing lease roads are shown in orange on exhibit #2.
2. Planned Access Roads - None are planned.
3. Well Locations - All well locations are indicated on exhibit #2.
4. Lateral Roads to Location - No roads are planned.
5. Tank Batteries - No new tank batteries will be required.
6. Location and Type of Water Supply - Water necessary for injection will be furnished through the injection water distribution system from the water injection plant. Water for this flood will consist of produced water with make-up fresh water from the Oogalla Reef supplied by Double Eagle Water Company.
7. Method of Handling Waste Disposal - Care will be taken by the grantee to assure that scenic values are not damaged in the disposal of waste materials. Any large rocks which are left as a result of construction activities will be placed so that they do not detract from the scenic view and do not hinder the movement of livestock or of big game animals. These residual rocks will not be piled or left in rows.
8. Location of Camps - No camps are planned.
9. Location of Airstrips - No airstrips are planned.
10. Injection Pattern Layout - Attached plat gives the existing and proposed injection well pattern. The proposed expansion is concentrated in the Southern portion of the plat.

11. Plans for Restoration of Surface - Clearing and blading necessary for construction will be held to the absolute minimum. Without prior agreement, these actions will not exceed those limits agreed upon at the pre-construction inspection. Vegetation removed will be "walked-down" in place.

12. Other Information - All injection lines will be installed in accordance with BLM Right-of-way NM 22528 dated November 8, 1974. NM 22528

Yours very truly,

A handwritten signature in dark ink, appearing to read "Jerry E. Buckles", is written over the typed name and title.

Jerry E. Buckles
Area Supervisor

JEB/glf

STANDARD STIPULATIONS FOR PIPELINE AND UNDERGROUND CABLE
RIGHTS-OF-WAY IN THE ROSWELL DISTRICT, BLM

Grantee agrees to comply with the following stipulations to the satisfaction of the BLM's Roswell District Manager:

1. Clearing and blading necessary for construction will be held to the absolute minimum. Without prior agreement, these actions will not exceed those limits agreed upon at the pre-construction inspection. Vegetation removed will be "walked-down" in place.
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3. Roads will not be constructed where terrain features permit vehicles to maneuver without the aid of such construction. All vehicular traffic and construction activity will be confined to the authorized right-of-way.
4. Grantee will post the BLM serial number assigned to this right-of-way in a conspicuous place where this right-of-way intersects existing roads or highways. Along rights-of-way paralleling roads, BLM serial numbers will be posted where the right-of-way first crosses the public lands and where it finally leaves the public lands, unless otherwise agreed upon.
5. If a natural barrier which is being used for livestock control, is broken during construction, the grantee will adequately fence the area to prevent drift of livestock. Such fencing will be at his own expense.
6. To prevent slacking of fence wire, the grantee will brace and tie-off each existing fence to be crossed, before cutting. During construction, the opening will be protected to prevent the escape of livestock. Fences which have been cut during construction will be restored by the grantee to a condition which is equal to, or better, than the original. Cattleguards and adjacent gates which are of a suitable width will also be installed in any fence where a road created during construction is to be regularly traveled.
7. Gates or cattleguards on public lands will not be locked or closed to public use by the grantee.
8. Compatible with construction requirements, the period of time that trenches and other excavations are kept open by the grantee, will be held to a minimum.
9. Grantee ~~(will)~~ (will not) reseed. If reseeding is required, it will be done according to the following requirements for BLM's Roswell District:
 - ☐ seed mixture 1
 - ☒ seed mixture 2
 - ☐ seed mixture 3
 - ☐ seed mixture 4
10. All above-ground structures which are not subject to safety requirements, will be painted by the grantee to blend with the natural landscape. The paint used will be a color which simulates Federal Standard No. 595A:

- ☐ color 20318
☒ color 30318
☐ color 26357
☐ color 36357
☐ color _____

11. In those areas where erosion control structures are required to stabilize soil conditions, the grantee will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.

12. Upon cancellation, relinquishment, or expiration of this right-of-way, the grantee will comply with those abandonment procedures as prescribed by BLM's Roswell District Manager.

13. Special stipulations:

BY _____

DATE _____

(November 1979)

BLM SEEDING REQUIREMENTS
IN THE ROSWELL DISTRICT

1. SEED MIXTURE 2 (Sandy Sites)

2. TIME:

Normally, the best time for seeding is between June 15, and September 15. However, the grantee may seed immediately after construction. In any event if seed does not germinate after one growing season, BLM reserves the right to require a one-time reseeding at a specific time.

3. SEEDING OPERATION:

Seeding will be done with a disc-type drill with two boxes for various seed sizes or broadcast with a "cyclone" hand seeder or similar broadcast seeder.

If a drill is utilized the drill rows will be eight to ten inches apart and the seed will be planted not less than one-half inch deep or more than one inch deep. The seeder will be followed with a drag, packer, or roller to ensure uniform coverage of the seed, and adequate compaction. Drilling will be done on the contour where possible, not up and down the slope.

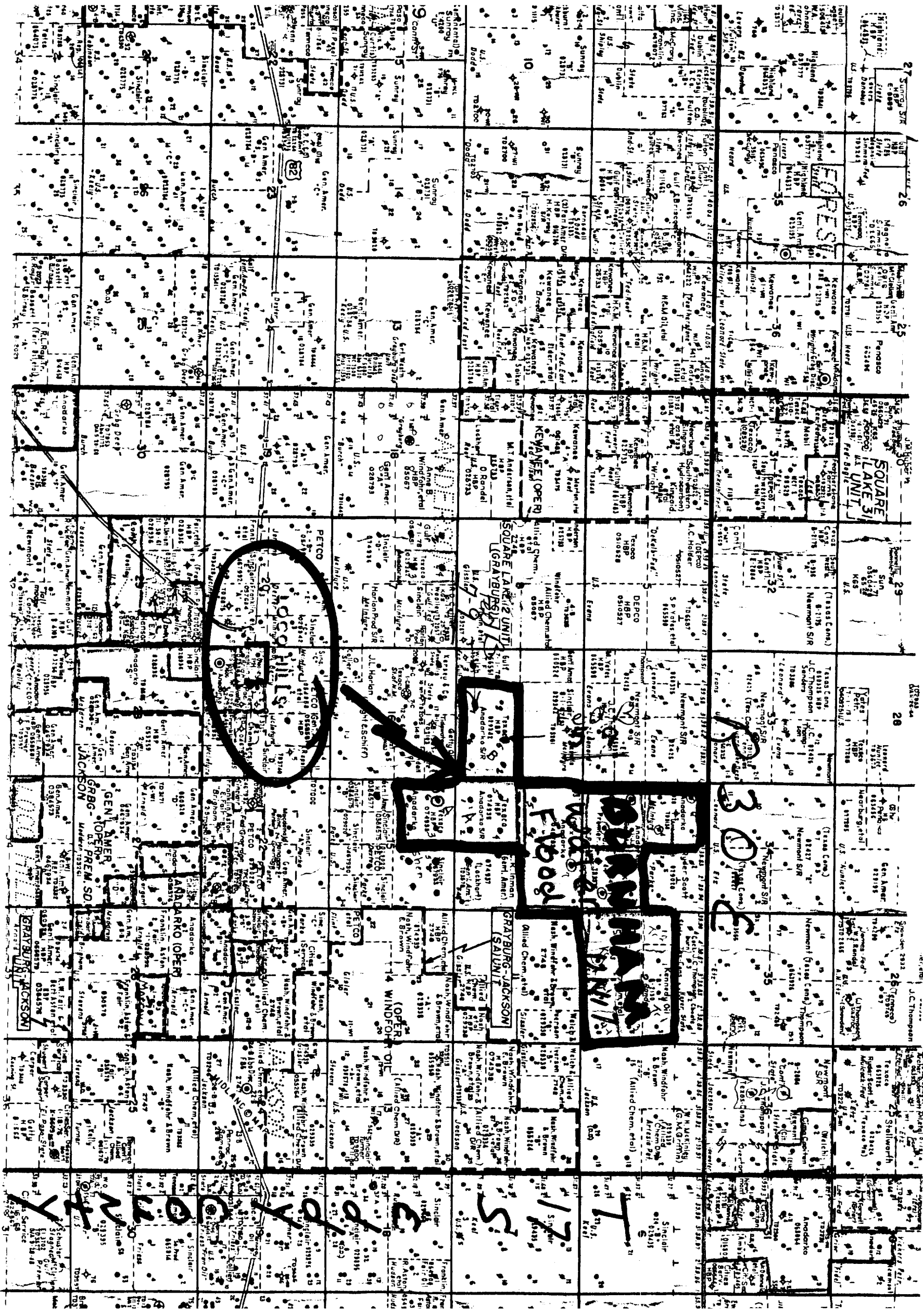
If slopes are too steep for contour drilling or the operator desires to utilize a broadcast seeder the seed will then be covered to the depth described above by whatever means is practical.

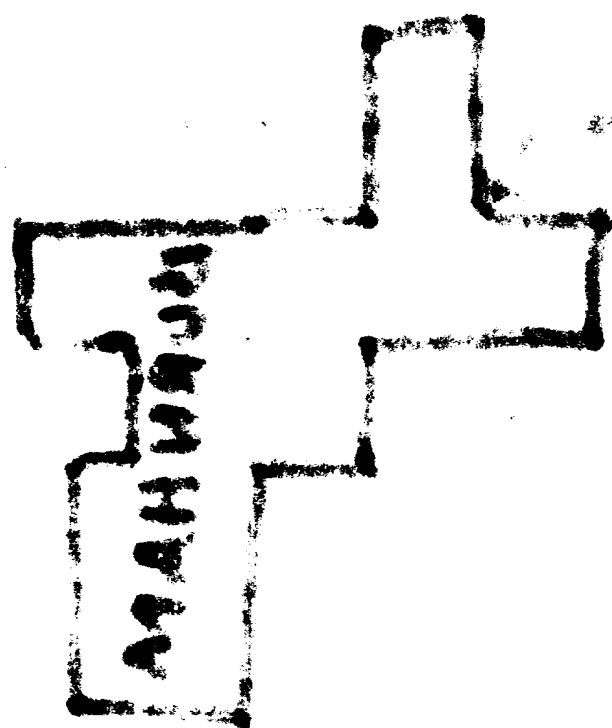
4. SPECIES TO BE PLANTED IN POUNDS OF PURE-LIVE-SEED PER ACRE:

SAND DROPSEED (<u>Sporobolus cryptandrus</u>)	.25
SAND LOVEGRASS (<u>Eragrostis trichodes</u>)	.50
LITTLE BLUESTEM (<u>Andropogon scoparius</u>)	.25

If seed is broadcast, double the seeding rate.
 $\text{percent purity} \times \text{percent germination} = \text{Percent pure-live-seed.}$

It may be necessary to mix small seeds with rice hulls or sand to obtain uniform coverage. Rice hulls are generally available from seed dealers for this purpose.





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