

NANO'LTEX JPAZA 3 Federal
NW NE 9-12S-6W Pima County

711

clay

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SUNDRY NOTICES AND REPORTS ON WELLS
GEOTHERMAL RESOURCES

1. NAME OF OPERATOR Union Oil Company

2. GEOTHERMAL RESOURCES WELL OTHER (Specify) Gradient Hole

3. WELL NAME 80-1 State

LOCATION 94.9' From North Line, 1371.16' From West Line

SEC. 8 TWP. 23S RGE. 30E COUNTY Cochise ARIZONA.

4. FEDERAL, STATE OR INDIAN LEASE NUMBER, OR LESSOR'S NAME IF FEE LEASE. State Lease 78566

5. FIELD OR POOL NAME. WILDCAT

6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>WEEKLY REPORT</u>			

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

11/1 drilled from 534' to 558' air hose broke

11/2 Sunday - off

11/3 Repair & Replace air hose
wait on diesel

11/4 Got dirty diesel and fouled engines - cleaned up fuel system

11/5 drilled from 558' to 583' after fuel system cleaned

11/6 fixed foam injector & hauled water

11/7 drilled from 583' to 659'. Hammer not working properly due to 100 gpm water flow causing high back pressure. Ran hole with 7 7/8" tri-cone bit from 34' to 516'.

8. I hereby certify that the foregoing is true and correct.
Signed Mary S. Johnson Title Geologist Date 11/7/80

Permit No. 714

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. G-12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
NANO'LTEX, Inc.

3. ADDRESS OF OPERATOR
P O Box 431; Boulder City, NV 89005

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*

SUBSEQUENT REPORT OF:

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(1) Had proposed 200' of surface pipe, changing to 120' because of shallow depth of well, oral approval granted 9/24/80 in telecom with J. P. Wagner

(2) Had proposed 4 1/2" casing of 10.5 lb weight, now changing to 9.5 lb weight 4 1/2" casing because of shallow depth of well, oral approval granted 9/24/80 in telecom with J. P. Wagner

5. LEASE	A-12723 Federal
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	
9. WELL NO.	JPAZ A3
10. FIELD OR WILDCAT NAME	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec 9, T12S, R6W of Gila & Salt River Meridian
12. COUNTY OR PARISH	Pima
13. STATE	Arizona
14. API NO.	02-019-2D004
15. ELEVATIONS (SHOW DF, KDB, AND WD)	1880' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. P. Wagner TITLE President DATE 9/30/80

(This space for Federal or State office use)

APPROVED BY J. P. Wagner TITLE Dist. Supervisor DATE October 3, 1980

CONDITIONS OF APPROVAL, IF ANY:

J. P. Wagner

cc: DOG, Arizona O&G, Conservation Commission

*See instructions on Reverse Side

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OCT 03 1980
BAKERSFIELD

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OCT 6 1980

O & G CONS. COMM.

Handwritten initials

711

Your proposed remedial program is approved subject to the following requirements:

1. Full and complete compliance with Federal Oil and Gas Operating Regulations.
2. Any change in the approved program must receive prior approval of USGS District Engineer.
3. A Subsequent Report of work performed shall be filed in triplicate within 15 days upon completion of the work.

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OCT 8 1963
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APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

NANO'LTEX, Inc.

Address

P. O. Box 431

City

Boulder City,

State

Nevada 89005

Drilling Contractor

Salazar Brothers Drilling

Address

205 Airport Rd. Milan, New Mexico 87020

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

Federal A 12723

Well number

JPAZA 3

Elevation (ground)

1650 GR

Nearest distance from proposed location to property or lease line:

1880'

feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

1660'

feet

Number of acres in lease:

1440.95

Number of wells on lease, including this well, completed in or drilling to this reservoir:

Three applied for.

If lease purchased with one or more wells drilled, from whom purchased:

Name

Address

Well location (give footage from section line)

660' from north section line
1880' from east section line

Section—township—range or block and survey

Sect 9; T12S; R6W

Dedication (Comply with Rule 105)

80 acres

Field and reservoir (if wildcat, so state)

Wildcat

County

Pima County

Distance, in miles, and direction from nearest town or post office:

Approx. 1 mile northwest of Ajo, Arizona

Proposed depth:

850'

Rotary or cable tools

Rotary

Approx. date work will start

Sept. 1, 1980

Bond Status

Amount 25,000 statewide

Organization Report

On file

Or attached

Filing Fee of \$25.00

Attached

Remarks:

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the

NANO'LTEX, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

by:

Signature

E. S. Cooke Jr.
E. S. Cooke Jr.

Date

26 August 1980
26 August 1980

Permit Number: 711

Approval Date: 8-28-80

Approved By: *Clayton Hittaker*

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Form No. 3

(Complete Reverse Side)

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

CERTIFICATION

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

E. S. Cooke Jr.

Name: E. S. Cooke Jr.

Position: President

Company: NANO LTEX, Inc.

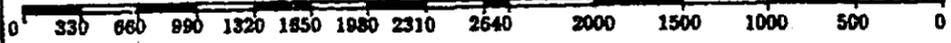
Date: 26 August 1980

I hereby certify that the well location shown on the 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: _____

Registered Professional Engineer and/or Land Surveyor

Certificate No. _____

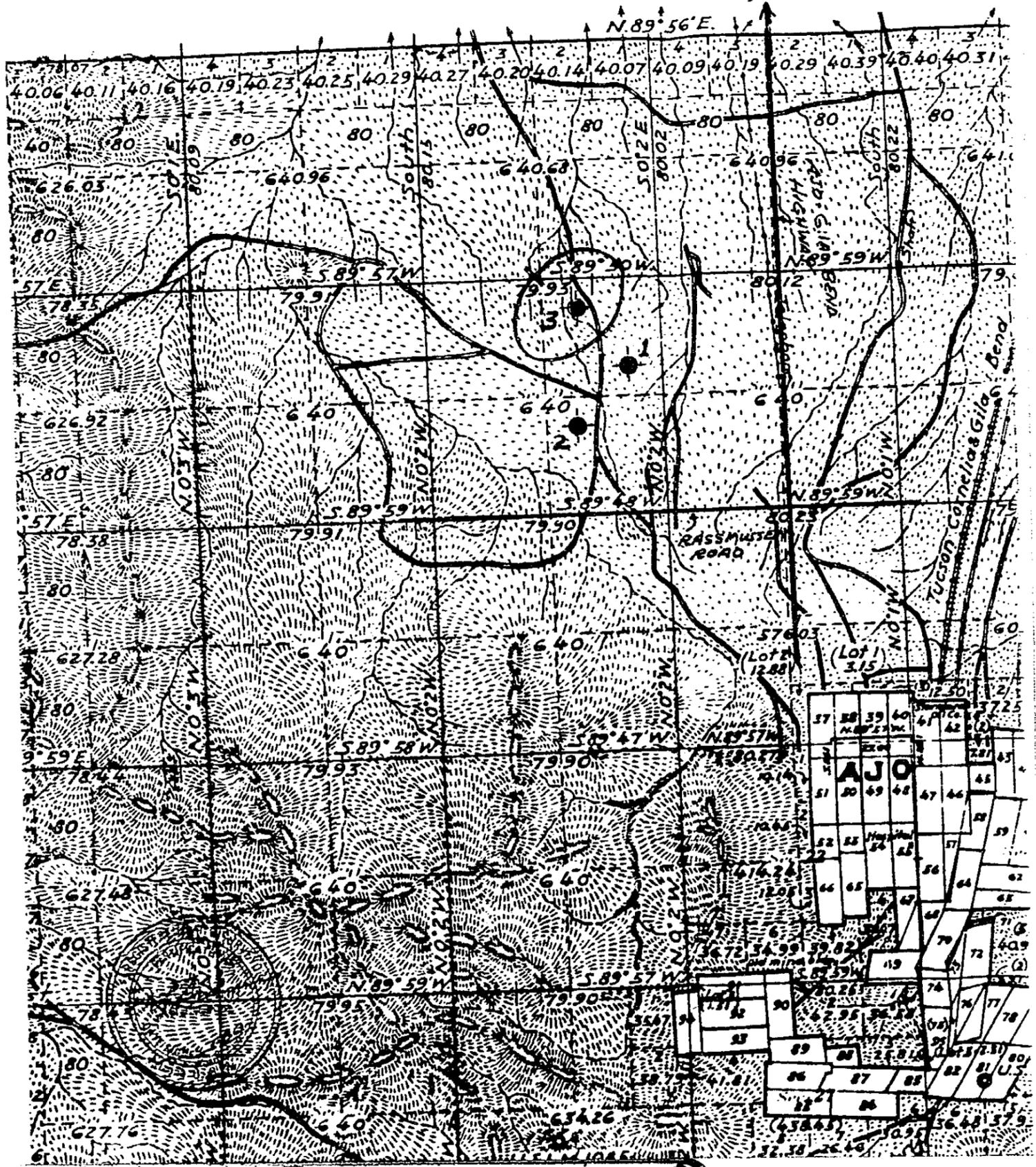


PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
7"	20.0	K55	surf.	200'	200'	
4½"	10.5	K55	surf.	850'	850'	

Ship N^o 12 South Range N^o 6 West, Gila and Salt River

TO Gila
Bead
J.N. 80-46
VANOLTEX, INC.
1" = 2640'





PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: NANO'LTEX, INC.
(OPERATOR)

to drill a well to be known as

JPAZA 3 FEDERAL
(WELL NAME)

located 660' FROM NORTH LINE AND 1880' FROM EAST LINE

Section 9 Township 12 SOUTH Range 6 WEST, PIMA County, Arizona.

The W/2 NE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 28th day of AUGUST, 1980.

OIL AND GAS CONSERVATION COMMISSION

By _____
EXECUTIVE SECRETARY

PERMIT No 711

RECEIPT NO. 1885
API NO. 02-019-20004

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
NANO LTEX, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 431, Boulder City, Nevada 89005

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
NW 4 NE 4 Sec 9, T12S, R6W

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

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1880'

16. NO. OF ACRES IN LEASE 1440.95

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 850' approx.

19. PROPOSED DEPTH 850' approx.

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 1650' Gr

22. APPROX. DATE WORK WILL START* Sept. 1, 1980

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20.0	200'	
6-3/4"	4 1/2"	10.5	850' appx.	

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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 [Signature] TITLE Managing Director DATE JUL 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE District Engineer DATE 8/8/80

cc: Deputy Conservation Manager, Oil & Gas, Western Region
Conservation Manager's Office, Menlo Park
District Geologist, LA
BIM, Phoenix District
Arizona Oil & Gas Conservation Commission, Phoenix, AZ

*See Instructions On Reverse Side

SEE ATTACHED CONDITIONS AND REQUIREMENTS

6. LEASE DESIGNATION AND SERIAL NO. A-12723 Federal
7. UNIT AGREEMENT NAME
8. NAME OF LEASE
9. WELL NO. PAZA-1
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SURVEY OR AREA T12S, R6W, Gila & Salt River
12. COUNTY OR PARISH Pima
13. STATE ARIZONA
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* same
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1880'
16. NO. OF ACRES IN LEASE 1440.95
17. NO. OF ACRES ASSIGNED TO THIS WELL 80
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20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 1650' Gr
22. APPROX. DATE WORK WILL START* Sept. 1, 1980

November 26, 1980

E. S. Cooke Jr., Managing Director
NANO'LTEX, Inc.
P.O. Box 431
Boulder City, Nevada 89005

Re: NANO'LTEX JPAZA 1 Federal, State Permit 709
SE/NE 9-12S-6W Pima County
NANO'LTEX JPAZA 2 Federal, State Permit 710
NW/SE 9-12S-6W Pima County
NANO'LTEX JPAZA 3 Federal, State Permit 711
NW/NE 9-12S-6W Pima County

Dear Mr. Cooke:

Please be advised that your request for the above captioned wells is hereby granted. The expiration date for each well is now February 26, 1981.

Please advise us when you do move in on one of these locations.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os

PHONE (702) 293-3160

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O & G CONS. COMM.



P.O. BOX 431
BOULDER CITY, NV 89005

28 September 1980

Ariz. Oil & Gas Conservation Commission
1645 W. Jefferson
Suite 420
Phoenix, Arizona 85007
Attention: William E. Allen, Exec. Sec.

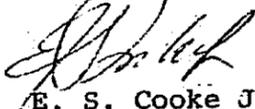
Dear Mr. Allen,

Following on our discussion while in your office on the 26th, this letter is to officially notify you of changes in our plans on the drilling of wildcat wells under permit numbers 709, 710, & 711. Each of these indicated surface pipe to be 200'. Because of the shallowness of the wells, we intend to change the surface pipe on each to 120' unless we encounter water. Also, in each the 4½" casing is shown to be 10.5 lb. weight. Because of the shallowness of the wells, we intend to use 9.5 lb. which is sufficient to depths of at least 2,500', which is much more than we intend to drill to. Thanks very much.

We enjoyed our visit while in your office, as we always do.

Sincerely yours,

NANO'LTEX, Inc.


E. S. Cooke Jr.
Mgr. Dir.