

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

Supron Energy Corporation

3. ADDRESS OF OPERATOR

P.O. Box 808, Farmington, New Mexico 87401

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

At surface

810 Feet from the North line & 1005 feet from the West line.

At proposed prod. zone Same as above

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

7 Miles Northwest of Ojito, New Mexico

15. DISTANCE FROM PROPOSED* 810' to lease line
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

810 feet

18. DISTANCE FROM PROPOSED LOCATION* 345' / Supron
TO NEAREST WELL, DRILLING, COMPLETION
OR APPLIED FOR, ON THIS LEASE, FT.

Jicarilla B-6 (PC)

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

8400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 (West 1/2 Sec. 25)

20. ROTARY OR CABLE TOOLS

Rotary

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

7137 GR.

22. APPROX. DATE WORK WILL START*

December 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	350	250 cu. ft.
9-7/8"	7-5/8"	26.40	3970	1300 cu. ft.
6-3/4"	5-1/2"	15.30	3820-8400	600 cu. ft.

We propose to dually complete this well in the Tapacito Pictured Cliffs or Blanco Mesaverde formation and the Basin Dakota formation. This well is on the flanks of a Geological void and we will drill to the Dakota formation then dually complete the well in either the Basin Dakota and Blanco Mesaverde formation or the Basin Dakota and Tapacito Pictured Cliffs formation which ever sand is present. A packer will be set between the two formations to prevent comingling of production. Dual tubing strings will be run upon completion of the well stimulation. Stimulation will be accomplished by sand water frac of each zone.

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.

Original Signed By

SIGNED

Rudy D. Mante

Area Superintendent

TITLE

Oct. 11, 1977

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

OKaf

RECEIVED

OCT 13 1977

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No 8
Unit Letter D	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 810 feet from the NORTH line and 1005 feet from the WEST line					
Ground Level Elev. 7137	Producing Formation Pictured Cliffs Dakota		Foot Tapacito Basin	Dedicated Average 160 320	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 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.

— Dakota
 Pictured Cliffs

CERTIFICATION

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

Rudy D. Motto
 Name
Rudy D. Motto

Position
Area Superintendent

Company
Supron Energy Corporation

Date
October 12, 1977
1463

I hereby certify that the well location shown on this 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.

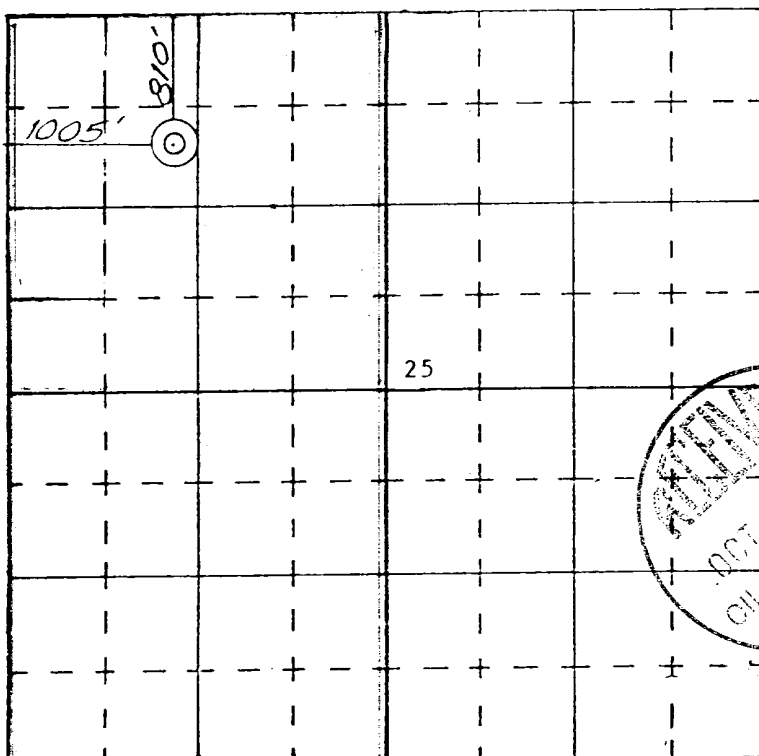
14 September, 1977
 Date Surveyed

James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

James P. Leese

1463

Certificate No



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No 8
Unit Letter D	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARRIBA	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 810 feet from the NORTH line and 1005 feet from the WEST line </div>					
Ground Level Elev. 7137	Producing Formation Mesaverde Dakota	Pool Blanco Basin	Dedicated Acreage 320 Acres		

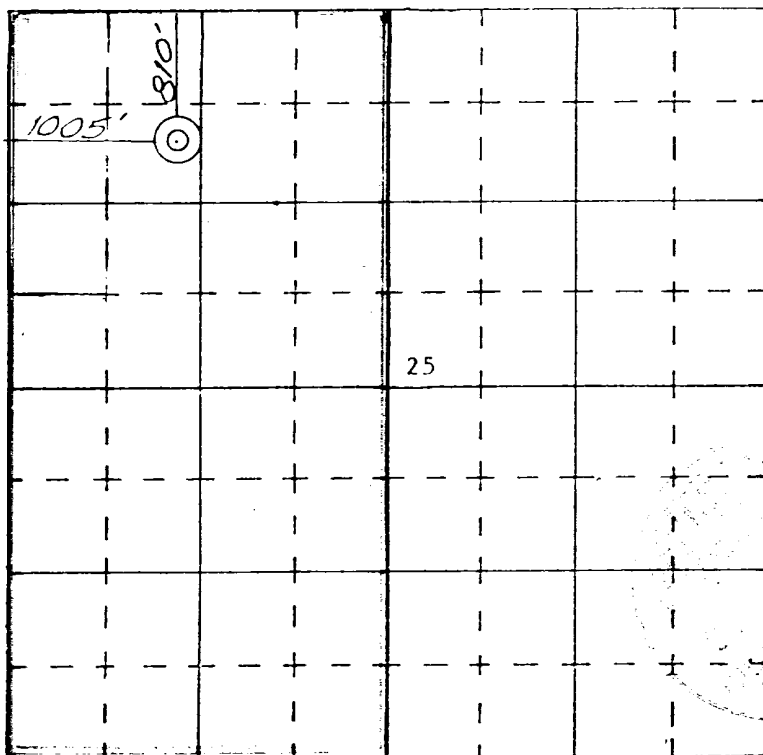
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 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.

— Mesaverde
— Dakota



SCALE—4 INCHES EQUALS 1 MILE

CERTIFICATION

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

Rudy D. Motto
Name

Rudy D. Motto

Position
Area Superintendent

Company
Supron Energy Corporation

Date
October 12, 1977
1463

I hereby certify that the well location shown on this 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.

14 September, 1977
Date Surveyed

James P. Lease
Registered Professional Engineer
and/or Land Surveyor

James P. Lease

1463

Certificate No.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No. 8
Unit Letter D	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well:					
810 feet from the NORTH		line and 1005 feet from the WEST		line	
Ground Level Elev. 7137	Producing Formation Pictured Cliffs Mesaverde		Foot Tapacito Blanco	Dedicated Acreage 160 320	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?

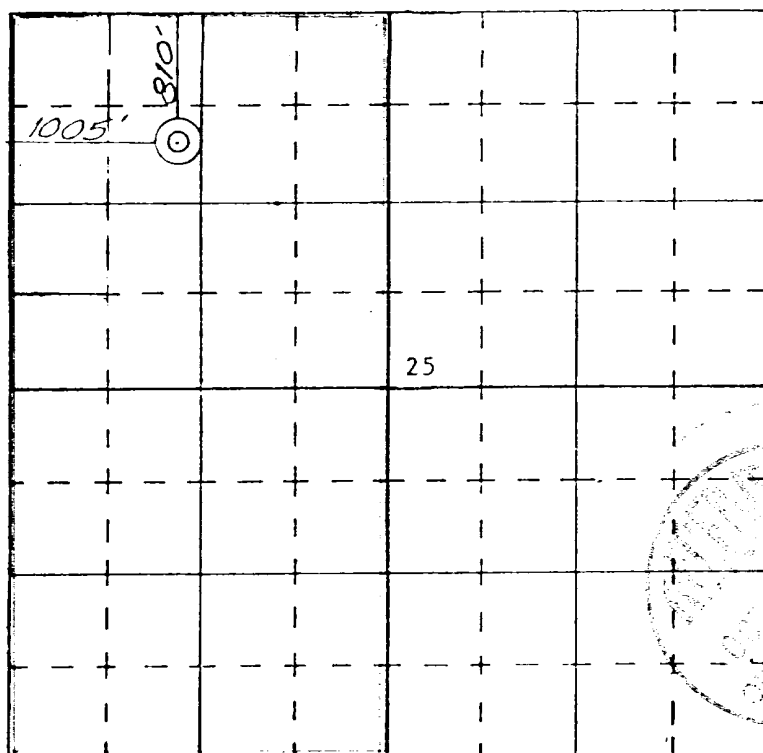
() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually 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, force-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

Mesaverde

Pictured Cliffs



SCALE—4 INCHES EQUALS 1 MILE

CERTIFICATION

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

Rudy D. Motto
 Name

Rudy D. Motto

Position

Area Superintendent

Company

Supron Energy Corporation

Date

October 12, 1977

1463

I hereby certify that the well location shown on this 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.

14 September, 1977
 Date Surveyed

James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

James P. Leese

1463

Certificate No.

October 12, 1977

United States Geological Survey
P. O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry W. Long

Dear Sir:

Supron Energy Corporation proposes to drill the Jicarilla "B" No. 8 well located 810 feet from the North line and 1005 feet from the West line of Section 25, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application.

1. Map of existing roads.
2. Planned access road approximately 1000 feet long.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment.
6. Drilling and completion water will be obtained from the Supron Energy Corporation water well located SW 1/4, Section 23, T-26N, R-4W, N.M.P.M., Rio Arriba County, New Mexico.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the site.
9. There will be no air strip.
10. A plat is attached showing the location of the rig, mud tanks, reserve pit, burn pit and est.
11. A letter of Certification is attached.
12. Offset operators plat for dual completion.
13. After the well is completed the location will be cleaned up and bladed. The reserve pit will be fenced until it has dried and then it will be restored to its natural state. The access road will be left as is to facilitate production and maintenance of the well. Operators representative for compliance purposes is Rudy D. Motto, P.O. Box 808, Farmington, New Mexico Phone No. 325-3587.
14. The soil is sandy loam with the principal vegetation being Sage brush, Pinon, Juniper and Grass Grass.

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

...
...
...

JICARILLA "B" NO. 8

1. The Geologic name of the surface formation is, "Wasatch".
2. The estimated tops of the important Geological markers are"
 - A. Base of the Ujo Alamo - 3449 DF
 - B. Pictured Cliffs - 3721 DF
 - C. Mesaverde - 5387 DF
 - D. Dakota - 7949 DF
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:
 - A. Ujo Alamo - 3449 DF - Water
 - B. Pictured Cliffs - 3721 DF - Gas
 - C. Mesaverde - 5387 DF - Gas
 - D. Dakota - 7949 DF - Gas
4. The casing program is shown on Form 9-331C and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating medium are as follows:
 - (a) From 0 feet to 350 feet - Natural mud.
 - (b) From 250 feet to 3970 feet - Permaloid non-dispersed mud containing 360 sacks gel, 150 sacks of permaloid, 25 sacks of C.M.C., 2 RD 111, 12 sacks of soda ash and 30 sacks of caustic. Mud weight will be maintained between 8.2# and 8.8#.
 - (c) From 3970 ft. to 8400 ft. the hole will be drilled with air.
7. The auxilliary equipment to be used will be floats at the bit and a sub with a full opening valve on the floor to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed; therefore, we will not have a testing program. The logging program will be as follows:
 - A. E.S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Cement Bond or Temperature log
9. There is no abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date for this well is November 25, 1977.

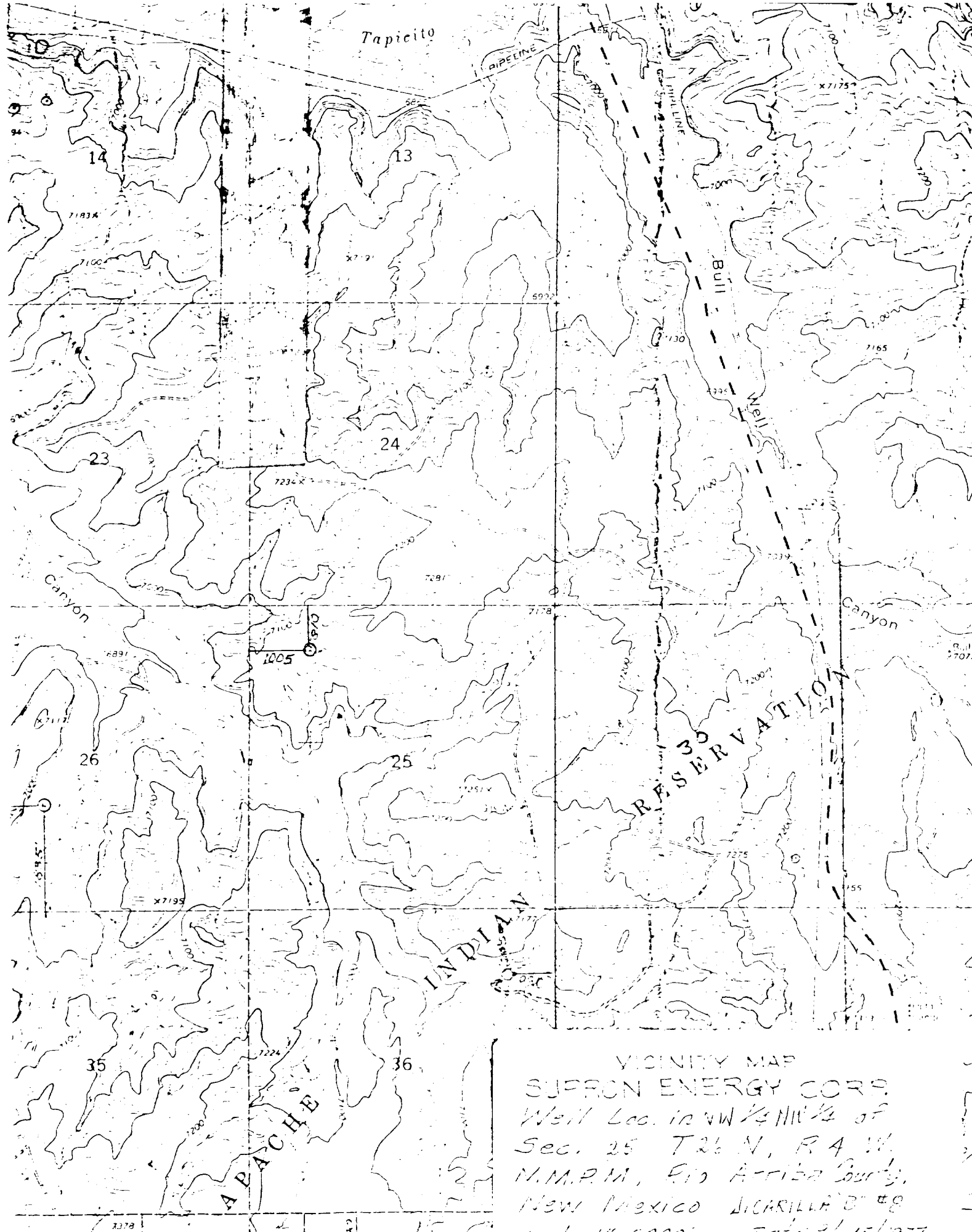
SUPRON ENERGY CORPORATION
POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by SUPRON ENERGY CORPORATION and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION



Rudy D. Motto
Area Superintendent
Phone: 325-3587



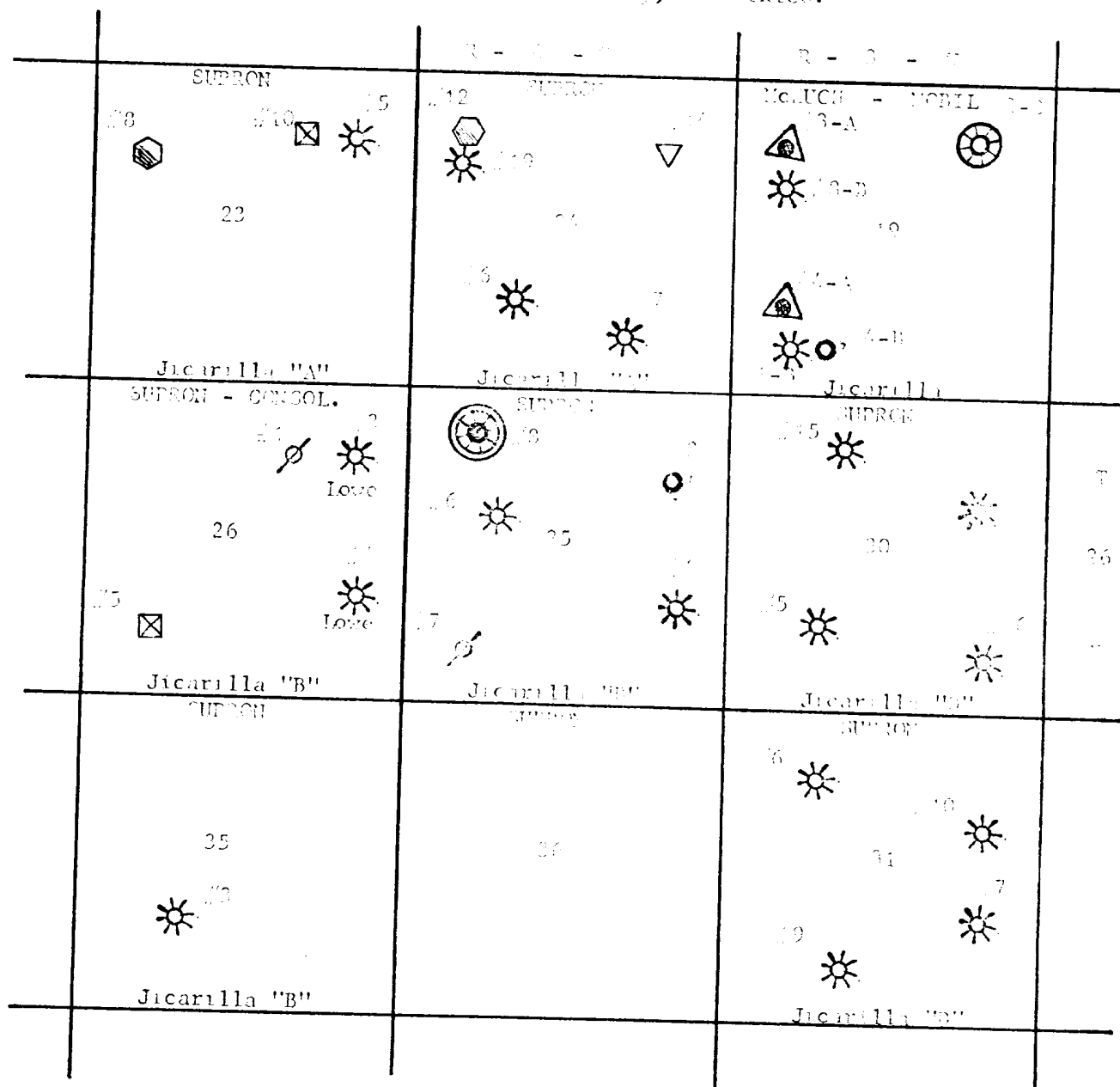
VICINITY MAP
SUPCON ENERGY CORP.
Well Loc. in NW 1/4 NE 1/4 of
Sec. 25 T26 N, R4 W,
N.M.P.M., Rio Arriba County,
New Mexico. LOCARILLA D #8
1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4

OFFSET OPERATOR'S PLAT

SUPRON ENERGY CORPORATION

WELL: JICARILLA "B" NO. 3

LOCATION: 810 ft. from the North line and 1005 ft. from the West line, Section 25, Township 26 North, Range 2 West, Rio Arriba County, New Mexico.



Proposed Dakota and Mesaverde or Pictured Cliffs Dual Completion



Mesaverde



Pictured Cliffs



Mesaverde - Pictured Cliffs Dual



Dakota - Pictured Cliffs Dual



Tootie - Dakota



Gallup - Mesaverde Dual



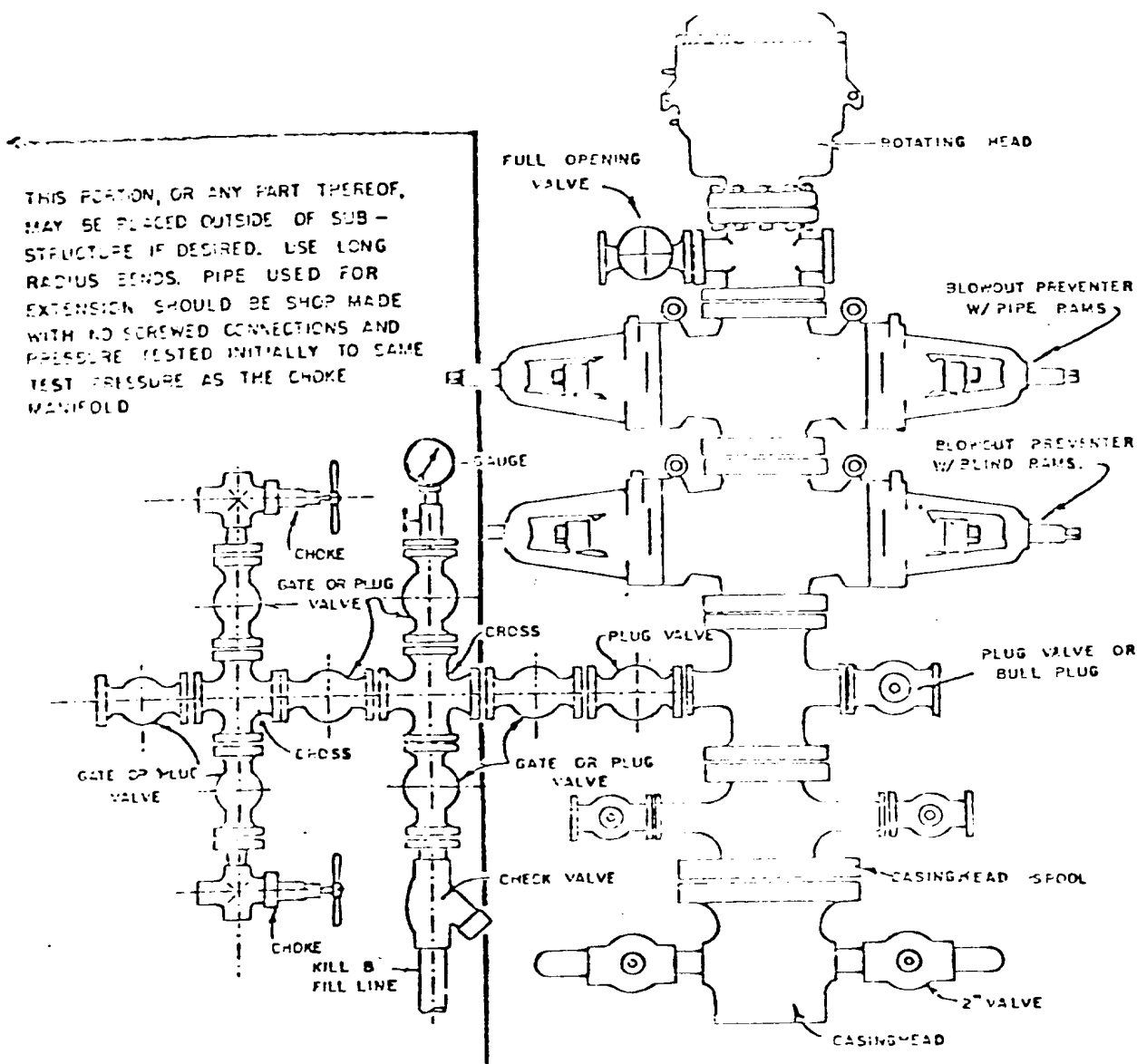
Abandoned



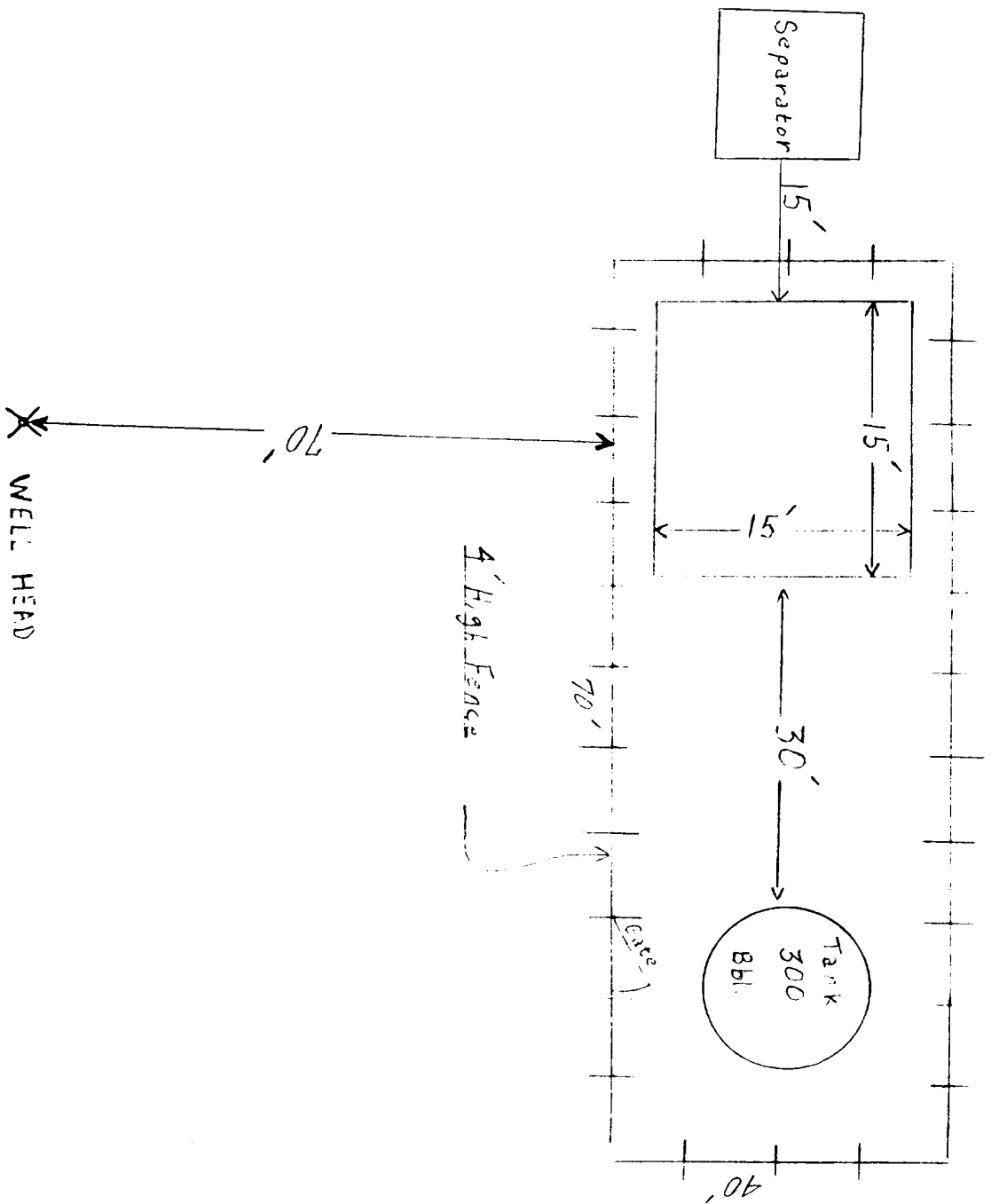
Gallup - Dakota

Blowout preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure.



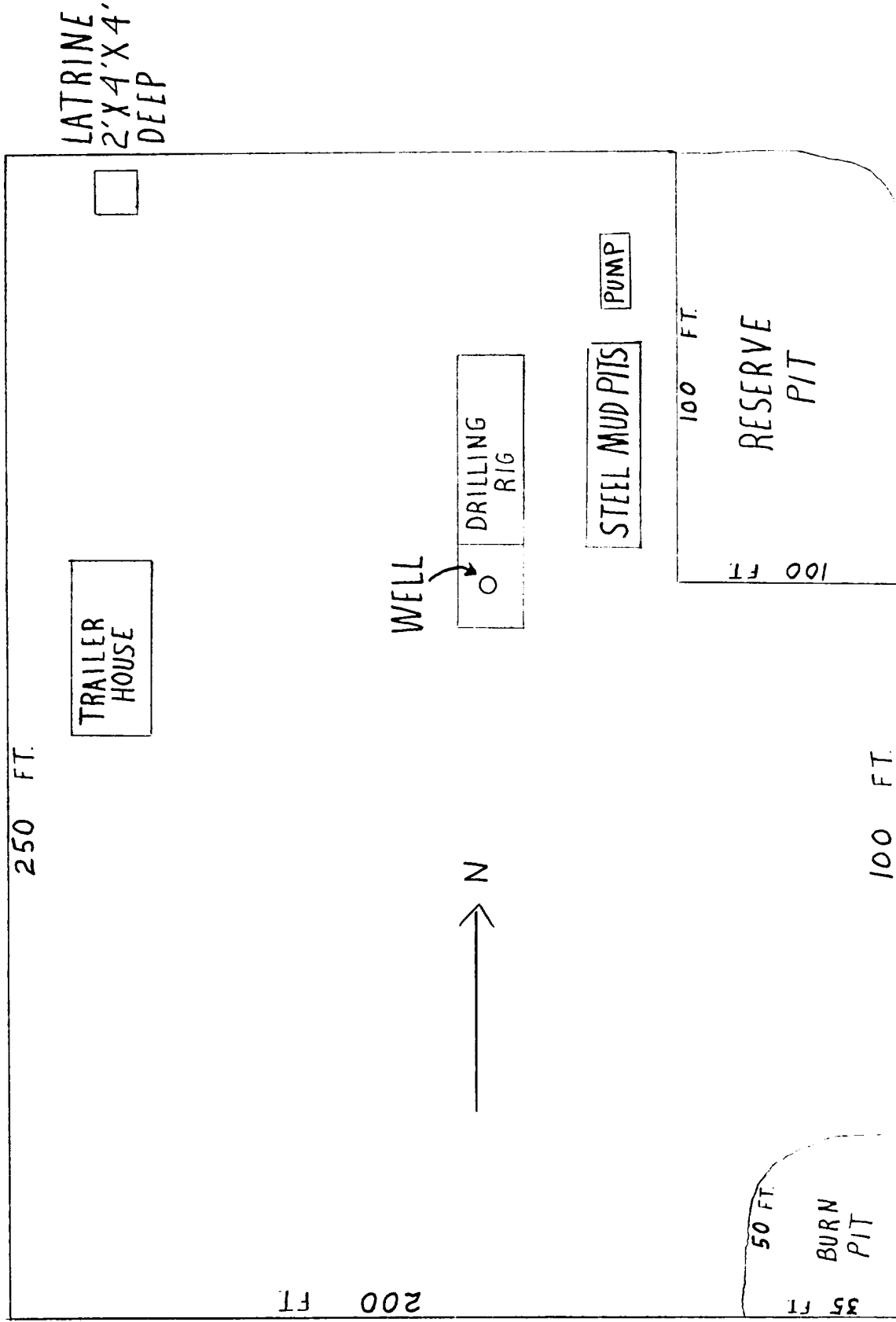
BLOWOUT PREVENTER HOOKUP



SUPRON ENERGY CORPORATION

JICARILLA "B" NO. 8

810 Feet from the North line and 1005 feet from the West line,
Section 25, Township 26 North, Range 4 West, Rio Arriba County,
New Mexico.



SUPRON ENERGY CORPORATION

POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

October 12, 1977

United States Geological Survey
P.O. Box 1809
Durango, Colorado 81301

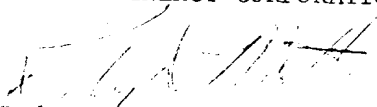
Gentlemen:

We have attached three (3) separate sets of plats for the Jicarilla "B" No. 8 well located 810 feet from the North line and 1005 feet from the West line of Section 25, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The purpose of this is that we intend to drill this well to the Dakota formation and complete the well at that point. This well is located on the flank of a Geological void and when we log the well our intention is to dually complete the well either in the Blanco Mesaverde formation or the Tapacito Pictured Cliffs formation, which ever sand is found to be present after logging is completed.

Yours very truly,

SUPRON ENERGY CORPORATION



Rudy D. Motto
Area Superintendent

RDM:bjs

SUPRON ENERGY CORPORATION

POST OFFICE BOX 808

FARMINGTON, NEW MEXICO 87401

October 4, 1977

Consolidated Oil and Gas, Inc.
P. O. Box 2038
Farmington, New Mexico 87401

Gentlemen:

Supron Energy Corporation proposes to dually complete their Jicarilla "B" No. 8 well in the Dakota and Mesa Verde formations. This well is located 810 feet from the North line and 1005 feet from the West line of Section 25, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

Our records indicate that you are the owner and operator of acreage which adjoins this drilling block. If you have no objections to this proposed dual completion, we would appreciate your signing the attached two (2) copies of this letter and returning same to this office.

Your prompt consideration of this will be greatly appreciated.

Yours very truly,

SUPRON ENERGY CORPORATION

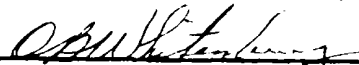


Rudy D. Motto
Area Superintendent

RDM:ml

This above dual completion well
is hereby approved.

Consolidated Oil and Gas, Inc.

BY 

TITLE Drilling Completion

DATE 10-5-77

SUPRON ENERGY CORPORATION

POST OFFICE BOX 808

FARMINGTON, NEW MEXICO 87401

October 4, 1977

J. P. McHugh
Suite 1225
600 S. Cherry St.
Denver, Colorado 80222

Gentlemen:

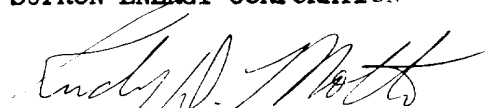
Supron Energy Corporation proposes to dually complete their Jicarilla "B" No. 8 well in the Dakota and Mesa Verde formations. This well is located 810 feet from the North line and 1005 feet from the West line of Section 25, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

Our records indicate that you are the owner and operator of acreage which adjoins this drilling block. If you have no objections to this proposed dual completion, we would appreciate your signing the attached two (2) copies of this letter and returning same to this office.

Your prompt consideration of this will be greatly appreciated.

Yours very truly,

SUPRON ENERGY CORPORATION


Rudy D. Motto
Area Superintendent

RDM:ml

This above dual completion well
is hereby approved.

J. P. MC HUGH

BY 

TITLE _____

DATE 10-7-77

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. Contract No. 106
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Supron Energy Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 808, Farmington, New Mexico 87401		8. FARM OR LEASE NAME Jicarilla "B"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850 Ft. from the South line and 1450 ft. from the West line. At proposed prod. zone Same as above		9. WELL NO. 8
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6.5 Miles Northwest of Ojito, New Mexico		10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs or Blanco Mv. and Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 3830' to lease line 1190'	16. NO. OF ACRES IN LEASE 2560	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T-26N, R-4W N.M.P.M.
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Jic. B-6 PG 1580'	19. PROPOSED DEPTH 7985	12. COUNTY OR PARISH Rio Arriba
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6944 GR		13. STATE New Mexico
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 320 (West 1/2 Sec. 25)
		20. ROTARY OR CABLE TOOLS Rotary
		22. APPROX. DATE WORK WILL START* December 1, 1977

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/8"	10-3/4"	32.75	350	250 cu. ft.
9-7/8"	7-5/8"	26.40	3700	1300 cu. ft.
6-3/4"	5-1/2"	15.50	3550-7985	600 cu. ft.

We propose to dually complete this well in the Tapacito Pictured Cliffs or Blanco Mesaverde formation and the Basin Dakota formation. This well is on the flanks of a Geological void and we will drill to the Dakota formation then dually complete the well in either the Basin Dakota and Blanco Mesaverde formation or the Basin Dakota and Tapacito Pictured Cliffs formation which ever sand is present. A packer will be set between the two formations to prevent comingling of production. Dual tubing strings will be run upon completion of the well stimulation. Stimulation will be accomplished by sand water frac of each zone.

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 Rudy D. Motte TITLE Area Superintendent DATE Oct. 25, 1977
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No 8
Unit Letter K	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1850 feet from the SOUTH line and 1450 feet from the WEST line					
Ground Level Elev. 6944	Producing Formation Tapacito Blanco		Pool Pictured Cliffs Mesaverde	Dedicated Acreage: 160 320	Acre 320

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?

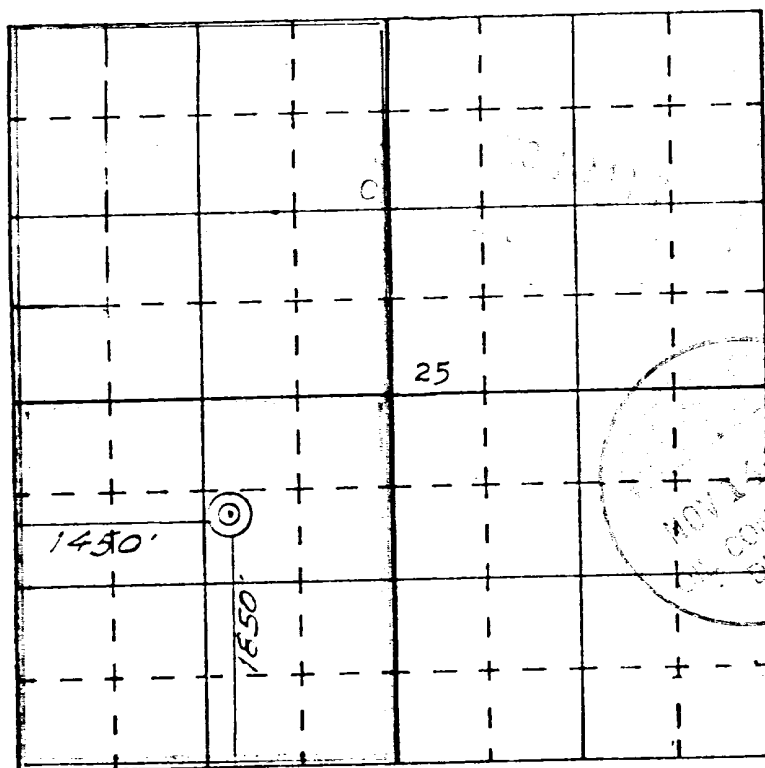
() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually 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.

Pictured Cliffs

Mesaverde



SCALE—4 INCHES EQUALS 1 MILE

CERTIFICATION

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

Rudy D. Motto
 Name
Rudy D. Motto
 Position
Area Superintendent
 Company
SUPRON ENERGY CORPORATION
 Date
October 25, 1977

I hereby certify that the well location shown on this 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.

22 October, 1977
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor
James P. Leese
1463

Certificate No.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

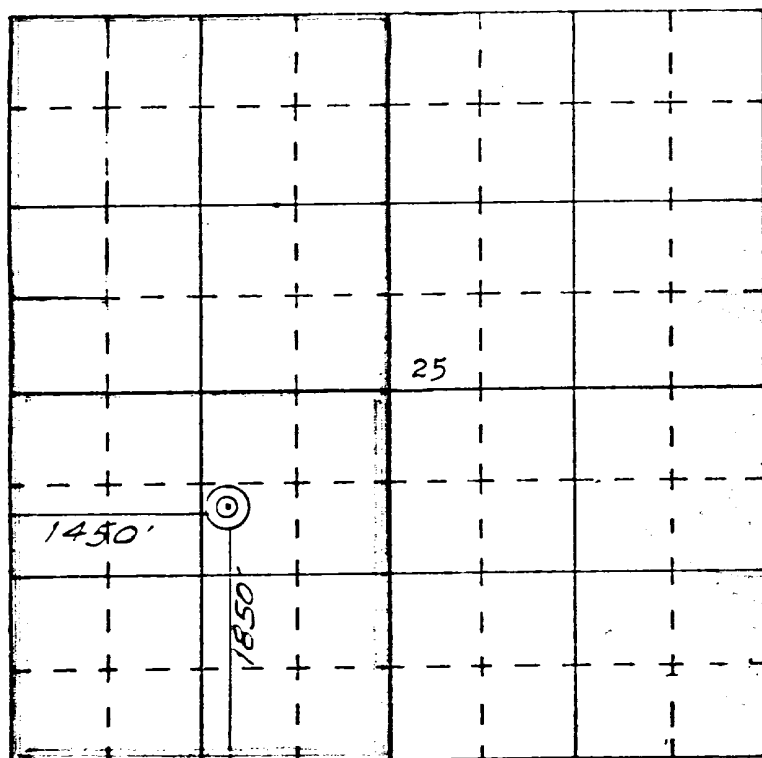
Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No. 8
Unit Letter K	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1850 feet from the SOUTH line and 1450 feet from the WEST line					
Ground Level Elev. 6944	Producing Formation Tapacito Basin	Pool Pictured Cliffs Dakota	Dedicated Acreage: 160 320		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 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.

Pictured Cliffs
Dakota



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

CERTIFICATION

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

Name
Rudy D. Motto
 Position
Area Superintendent
 Company
SUPRON ENERGY CORPORATION
 Date
October 25, 1977

I hereby certify that the well location shown on this 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.

22 October, 1977
 Date Surveyed

 Registered Professional Engineer
 and/or Land Surveyor
James P. Leese
1463

Certificate No.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "B"		Well No. 8
Unit Letter K	Section 25	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1850 feet from the SOUTH line and 1450 feet from the WEST line </div>					
Ground Level Elev. 6944	Producing Formation Blanco Basin		Pool Mesaverde Dakota	Dedicated Acreage 320	Acres 320

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?

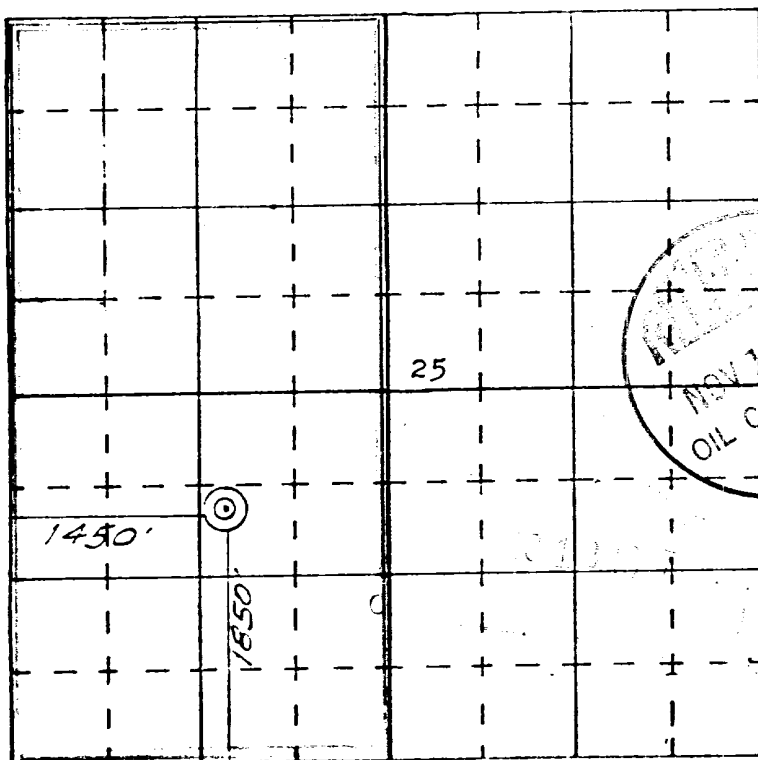
() Yes () No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually 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.

Mesaverde

Dakota



SCALE—4 INCHES EQUALS 1 MILE

CERTIFICATION

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

Rudy D. Motto
Name

Rudy D. Motto

Position
Area Superintendent

Company
SUPRON ENERGY CORPORATION

Date
October 25, 1977

I hereby certify that the well location shown on this 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.

22 October, 1977
Date Surveyed

James P. Leese
Registered Professional Engineer
and/or Land Surveyor

James P. Leese
1463

Certificate No.

JICARILLA "B" NO. 8

1. The geologic name of the surface formation is, "Wasatch".
2. The estimated tops of the important geological markers are:

A. Base of the Ojo Alamo	3240
B. Pictured Cliffs	3540
C. Mesaverde	5200
D. Dakota	7985
3. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are:

A. Ojo Alamo	3240	Water
B. Pictured Cliffs	3540	Gas
C. Mesaverde	5200	Gas
D. Dakota	7985	Gas
4. The casing program is shown on Form 9-331C and all casing is new.
5. The lessee's pressure control equipment schematics are attached along with minimum specifications, testing procedures and frequencies.
6. The type, estimated volumes and characteristics of the circulating medium are as follows:
 - A. From 0 feet to 350 feet - Natural mud.
 - B. From 250 feet to 3700 feet - Permaloid non-dispersed mud containing 360 sacks gel, 150 sacks of permaloid, 25 sacks of C.M.C., 2 R.D. 111, 12 sacks of soda ash and 30 sacks of caustic. Mud weight will be maintained between 8.2# and 8.8#.
 - C. From 3700 ft. to 7985 ft. the hole will be drilled with air.
7. The auxilliary equipment to be used will be floats at the bit and a sub with a full opening valve on the floor to be stabbed into the drill pipe when the Kelly is not in the string.
8. This well is in an area which is almost completely developed; therefore, we will not have a testing program. The logging program will be as follows:
 - A. E.S. Induction
 - B. Gamma Ray Density
 - C. Gamma Ray Correlation
 - D. Cement Bond or Temperature log
9. There is no abnormal pressures, temperatures or hydrogen sulfide problems expected in this highly developed area.
10. The anticipated starting date for this well is November 25, 1977.

• 1. Introduction

The purpose of this report is to provide a comprehensive overview of the current state of the art in the field of artificial intelligence (AI) and its applications. The report is organized into several sections, each focusing on a different aspect of AI research and development. The first section, "Introduction," provides a general overview of the field and its importance. The second section, "Background," discusses the historical context of AI and the challenges that have shaped the field. The third section, "Current Research," presents a detailed analysis of the most recent developments in AI, including machine learning, deep learning, and natural language processing. The fourth section, "Applications," explores the various ways in which AI is being used in industry, academia, and everyday life. The fifth section, "Conclusion," summarizes the key findings of the report and offers some thoughts on the future of AI. The report is intended for a broad audience of researchers, students, and practitioners in the field of AI, and it is hoped that it will provide a valuable resource for anyone interested in this exciting and rapidly evolving field.

The report is organized into several sections, each focusing on a different aspect of AI research and development. The first section, "Introduction," provides a general overview of the field and its importance. The second section, "Background," discusses the historical context of AI and the challenges that have shaped the field. The third section, "Current Research," presents a detailed analysis of the most recent developments in AI, including machine learning, deep learning, and natural language processing. The fourth section, "Applications," explores the various ways in which AI is being used in industry, academia, and everyday life. The fifth section, "Conclusion," summarizes the key findings of the report and offers some thoughts on the future of AI.

The report is intended for a broad audience of researchers, students, and practitioners in the field of AI, and it is hoped that it will provide a valuable resource for anyone interested in this exciting and rapidly evolving field.

SUPRON ENERGY CORPORATION

JICARILLA "B" NO. 8

1850'/S and 1450'/W line
Sec. 25, T-26N, R-4W,
N.M.P.M., Rio Arriba
County, New Mexico

Tapacito Pictured Cliffs
Pay Zone 3721' to 3827'

Basin Dakota
Pay Zone 7949' to 8139'



Surface Casing
10-3/4" - 32.75#, J-55 Set @ 350'
Cmt with 250 cu. ft. to Surface

1-1/4" - 2.33#, I.J. Tubing Set
@ approximately 3650'

Liner Hanger
Set @ 3820'

Intermediate Casing
7-5/8" - 26.40#, J-55 Set @ 3970'
Cmt. with 1300 cu. ft. to Surface

2-1/16" - 3.25#, I.J. Tubing Set
@ approximately 7900'

Baker Model "F" Production Packer
Set @ approximately 7900'

Production Casing
5-1/2" - 15.50#, J-55 Set @ 8400'
Cmt. with 600 cu. ft. to Intermediate

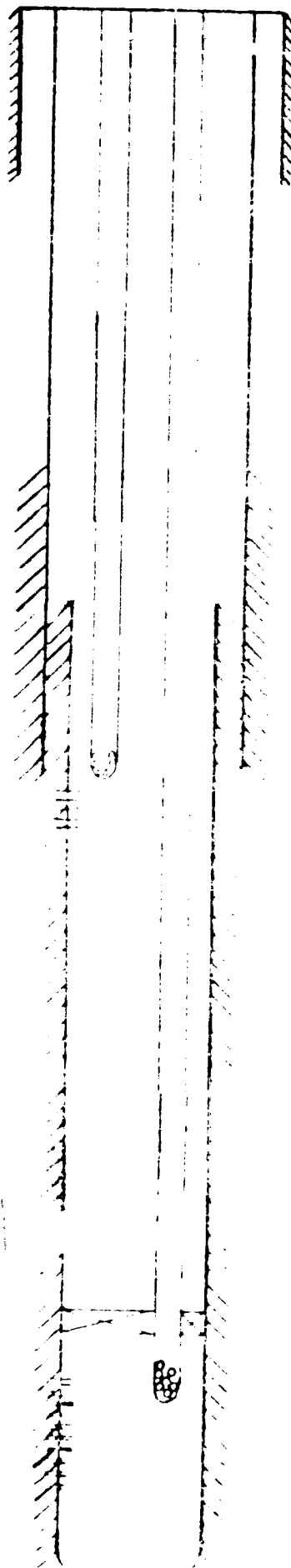
SUPRON ENERGY CORPORATION

JICARILLA "B" NO. 8

1850'/S and 1450'/W line
Sec. 25, T-26N, R-4W,
N.M.P.M., Rio Arriba
County, New Mexico

Blanco Mesaverde
Pay Zone 5387' to 6062'

Basin Dakota
Pay Zone 7949' to 8139'



Surface Casing
10-3/4" - 32.75#, J-55 Set @ 350'
Cmt. with 250 cu. ft. to Surface

2-1/16" - 3.25#, I.J. Tubing Set
@ approximately 5300'

Liner Hanger
Set @ 3820'

Intermediate Casing
7-5/8" - 26.40#, J-55 Set @ 3970'
Cmt. with 1300 cu. ft. to Surface

2-1/16" - 3.25#, I.J. Tubing Set
@ approximately 7900'

Baker Model "F" Production Packer
Set @ approximately 7900'

Production Casing
5-1/2" - 15.50#, J-55 Set @ 8400'
Cmt. with 600 cu. ft. to Intermediate

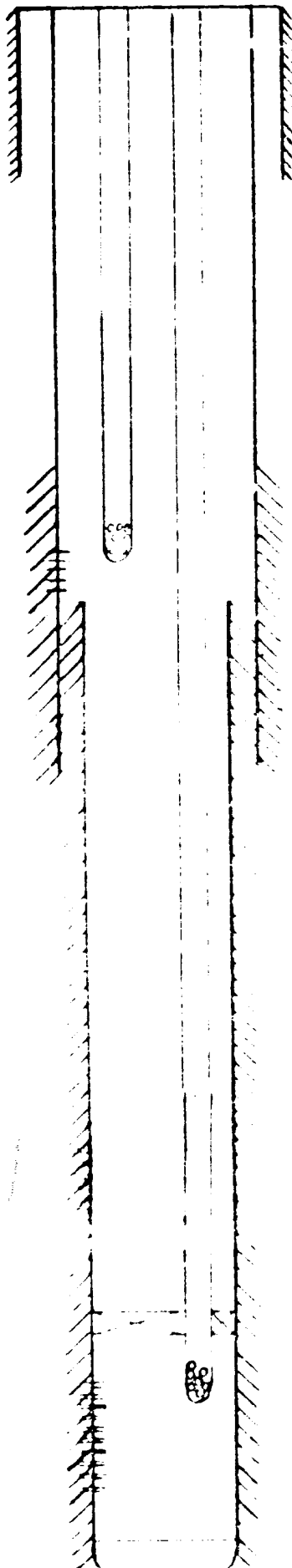
SUPRON ENERGY CORPORATION

JICARILLA "B" NO. 8

1850'/S and 1450'/W line
Sec. 25, T-26N, R-4W,
N.M.P.M., Rio Arriba
County, New Mexico

Tapacito Pictured Cliffs
Pay Zone 3721' to 3827'

Blanco Mesaverde
Pay Zone 5387' to 6062'



Surface Casing
10-3/4" - 32.75# - J-55 Set @ 350'
Cmt. with 250 cu. ft. to Surface

1-1/4" - 2.33#, I.J. Tubing Set
@ approximately 3650'

Liner Hanger
Set @ 3820'

Intermediate Casing
7-5/8" - 26.40#, J-55 Set @ 3970'
Cmt. with 1300 cu. ft. to Surface

2-1/16" - 3.25#, I.J. Tubing Set
@ approximately 5300'

Baker Model "F" Production Packer
Set @ approximately 5300'

Production Casing
5-1/2" - 15.50#, J-55 Set @ 6062'
Cmt. with 600 cu. ft. to Intermediat

October 25, 1977

United States Geological Survey
P.O. Box 1809
Durango, Colorado 81301

Attention: Mr. Jerry W. Long

Dear Sir:

Supren Energy Corporation proposes to drill the Jicarilla "B" No. 8 well located 1850 feet from the South line and 1450 feet from the West line of Section 25, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.

The following attachments are included with this application.

1. Map of existing roads.
2. Planned access road approximately 1000 feet long.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment.
6. Drilling and completion water will be obtained from the Supren Energy Corporation water well located SW 1/4, Section 23, Township 26 North, Range 4 West, N.M.P.M., Rio Arriba County, New Mexico.
7. Waste will be disposed of by being placed in the reserve pit and buried upon completion of the well.
8. There will be no camp at or near the site.
9. There will be no air strip.
10. A Plat is attached showing the location of the rig, mud tanks, reserve pit, burn pit and ect.
11. A letter of Certification is attached.
12. Offset operators plat for dual completion.
13. After the well is completed the location will be cleaned up and bladed. The reserve pit will be fenced until it has dried and then it will be restored to its natural state. The access road will be left as is to facilitate production and maintenance of the well. Operators representative for compliance purposes is Rudy D. Motte, P.O. Box 808, Farmington, New Mexico. Phone No. 325-3587.
14. The soil is sandy loam with the principal vegetation being Sage Brush, Pinon, Juniper and Grama Grass.

1. The first step in the process is to identify the problem or issue that needs to be addressed.

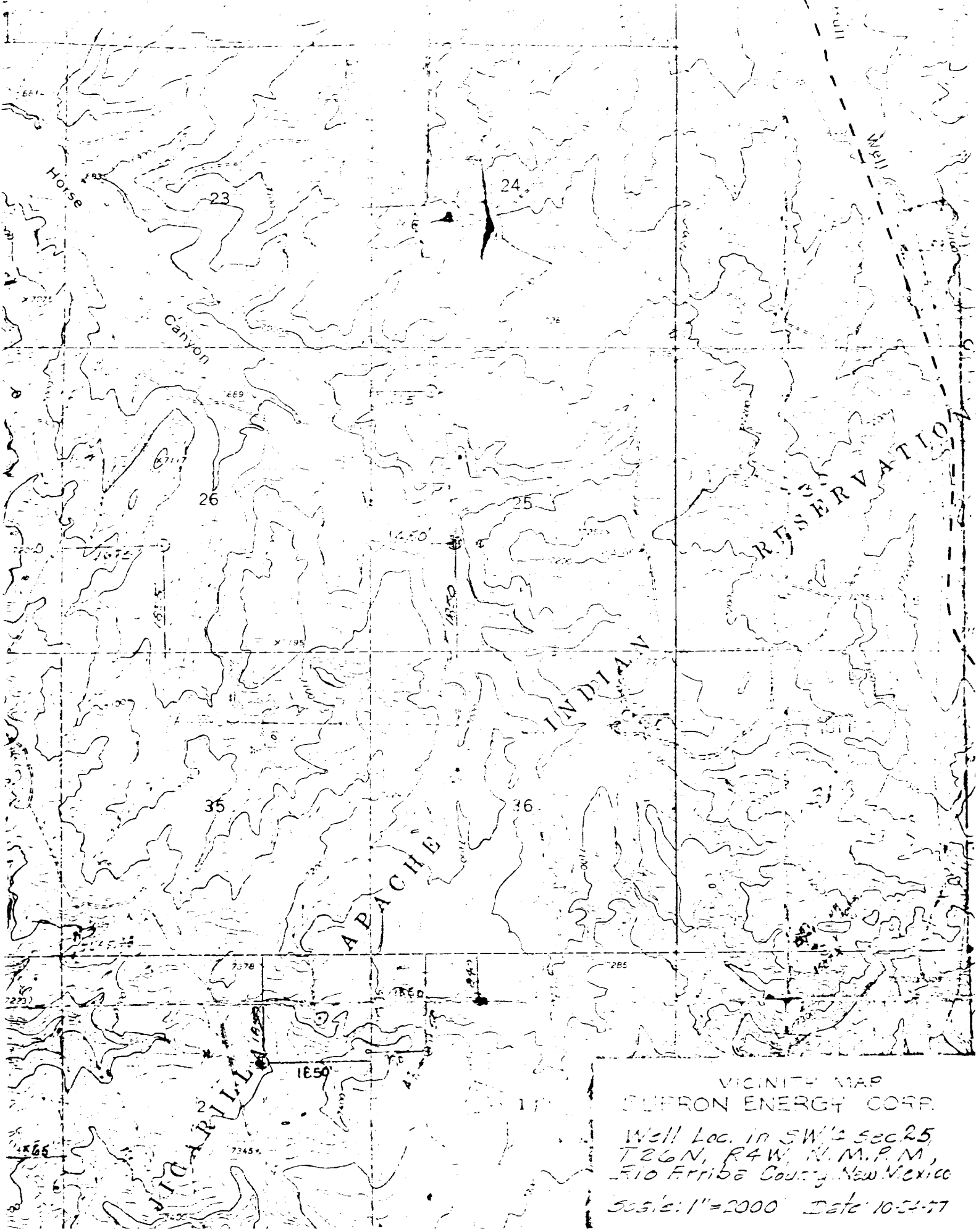
2. The second step is to gather information and data related to the problem.

3. The third step is to analyze the information and data.

4. The fourth step is to develop a plan or strategy to address the problem.

5. The fifth step is to implement the plan or strategy.

6. The sixth step is to monitor and evaluate the results of the implementation.
7. The seventh step is to make adjustments as needed.
8. The eighth step is to document the process and results.
9. The ninth step is to share the results with others.
10. The tenth step is to reflect on the process and learn from the experience.
11. The eleventh step is to apply the lessons learned to future problems.
12. The twelfth step is to continue to improve the process.
13. The thirteenth step is to seek feedback from others.
14. The fourteenth step is to stay up-to-date on relevant information.
15. The fifteenth step is to be flexible and adaptable.
16. The sixteenth step is to be patient and persistent.
17. The seventeenth step is to be open to new ideas and solutions.
18. The eighteenth step is to be collaborative and team-oriented.
19. The nineteenth step is to be proactive and take initiative.
20. The twentieth step is to be accountable and responsible.

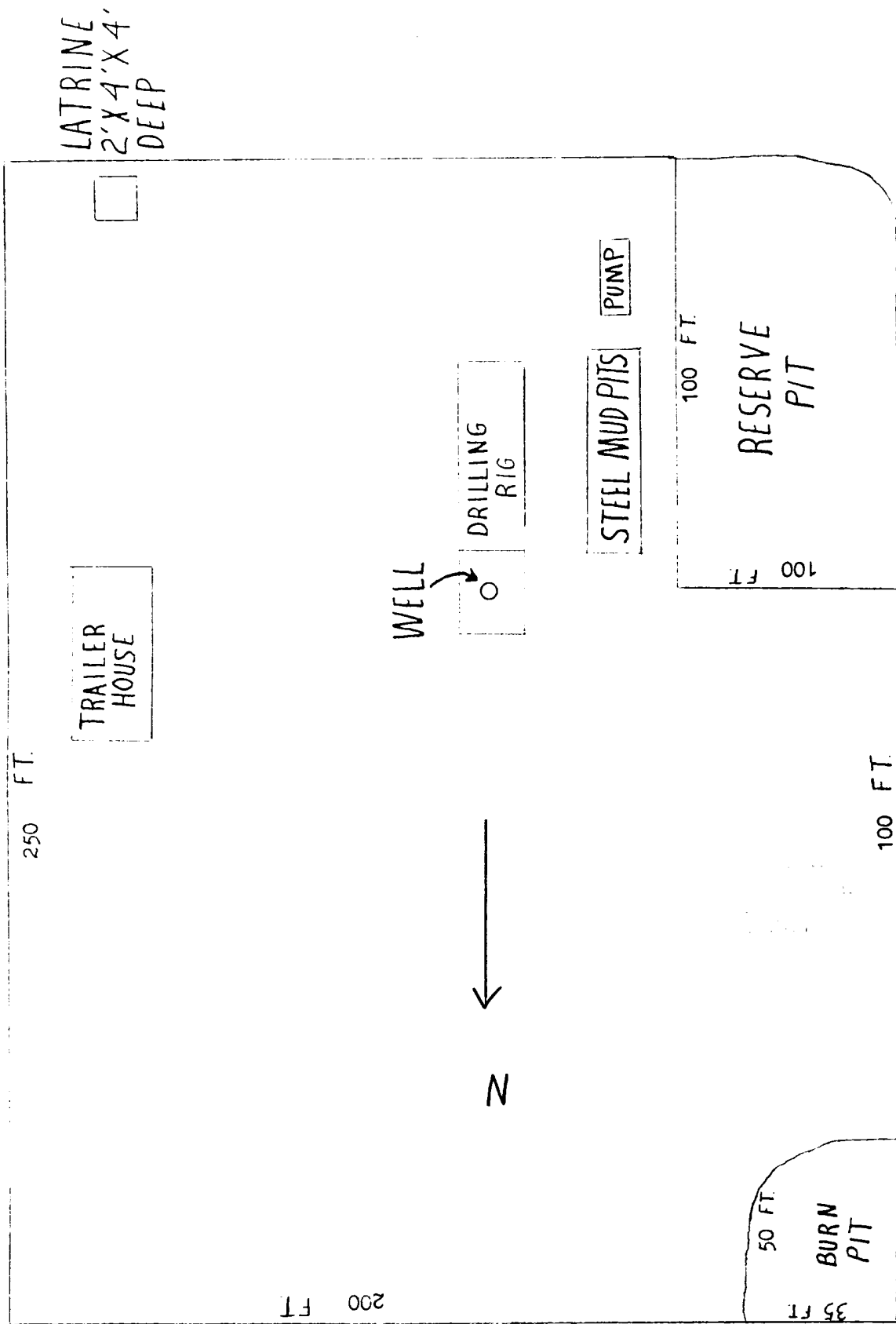


VICINITY MAP
SUPRON ENERGY CORP.
Well Loc. in SW 1/4 Sec 25
T26N, R4W, N.M.P.M.,
Rio Arriba County, New Mexico
Scale: 1"=2000' Date: 10-24-77

SUPRON ENERGY CORPORATION

JICARILLA "B" NO. 8

1850 Feet from the South line and 1450 feet from the West line,
Section 25, Township 26 North, Range 4 West, Rio Arriba County,
New Mexico.



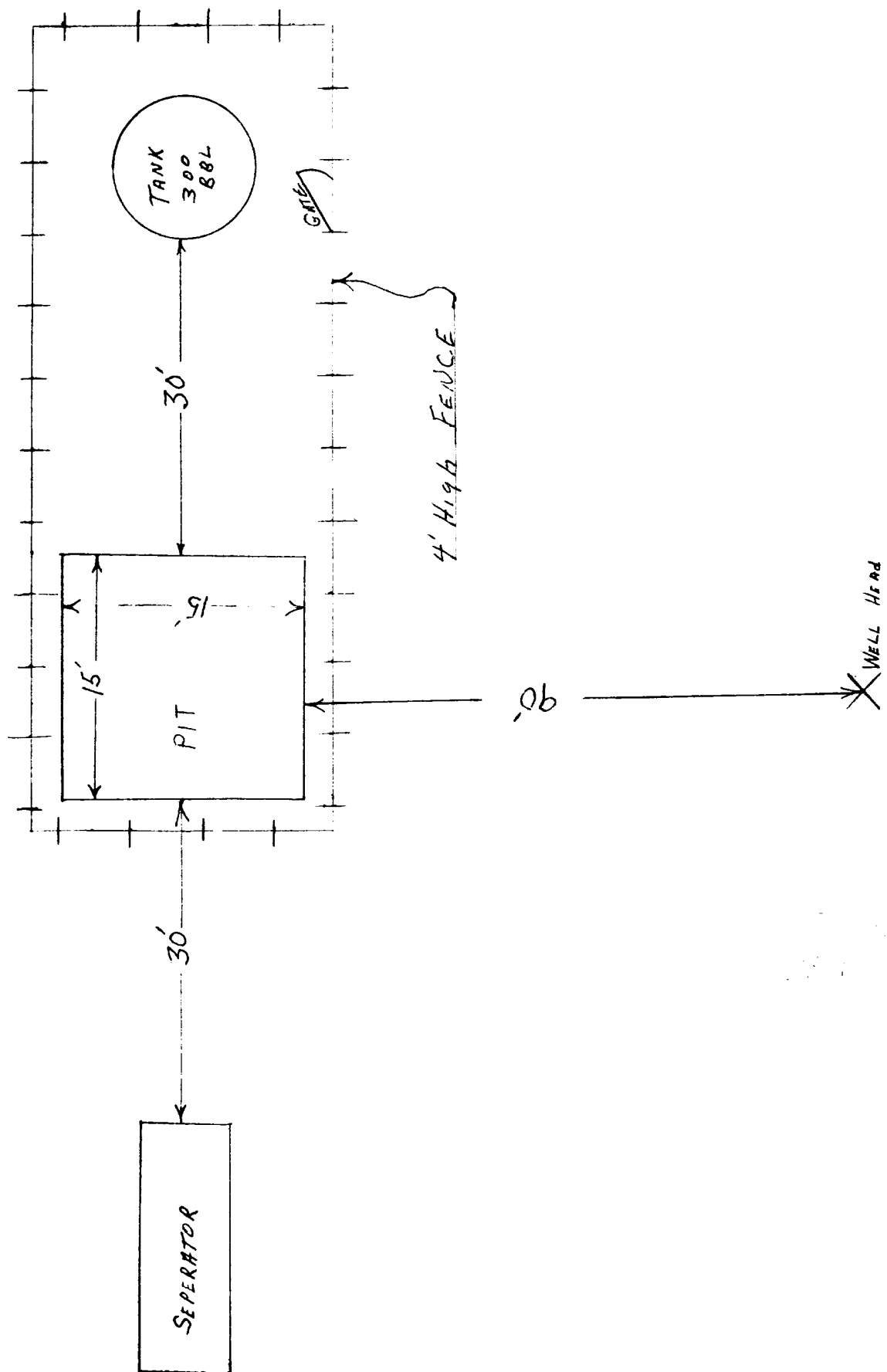
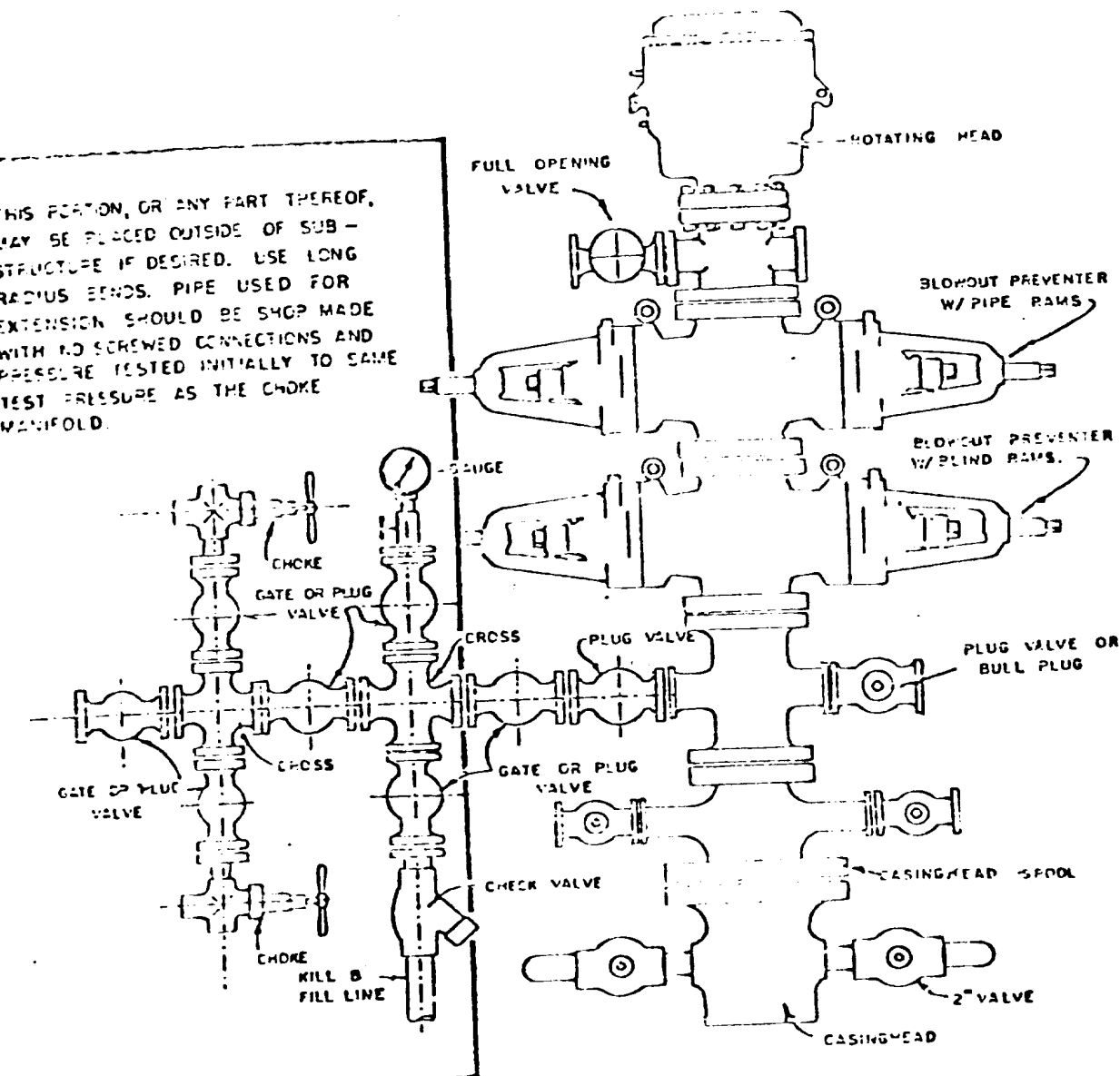


DIAGRAM OF SURFACE EQUIPMENT

Blowout preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure. Hydraulically operated

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHOKER MANIFOLD.

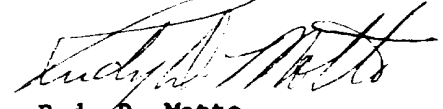


BLOWOUT PREVENTER HOOKUP

SUPRON ENERGY CORPORATION
POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by SUPRON ENERGY CORPORATION and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION



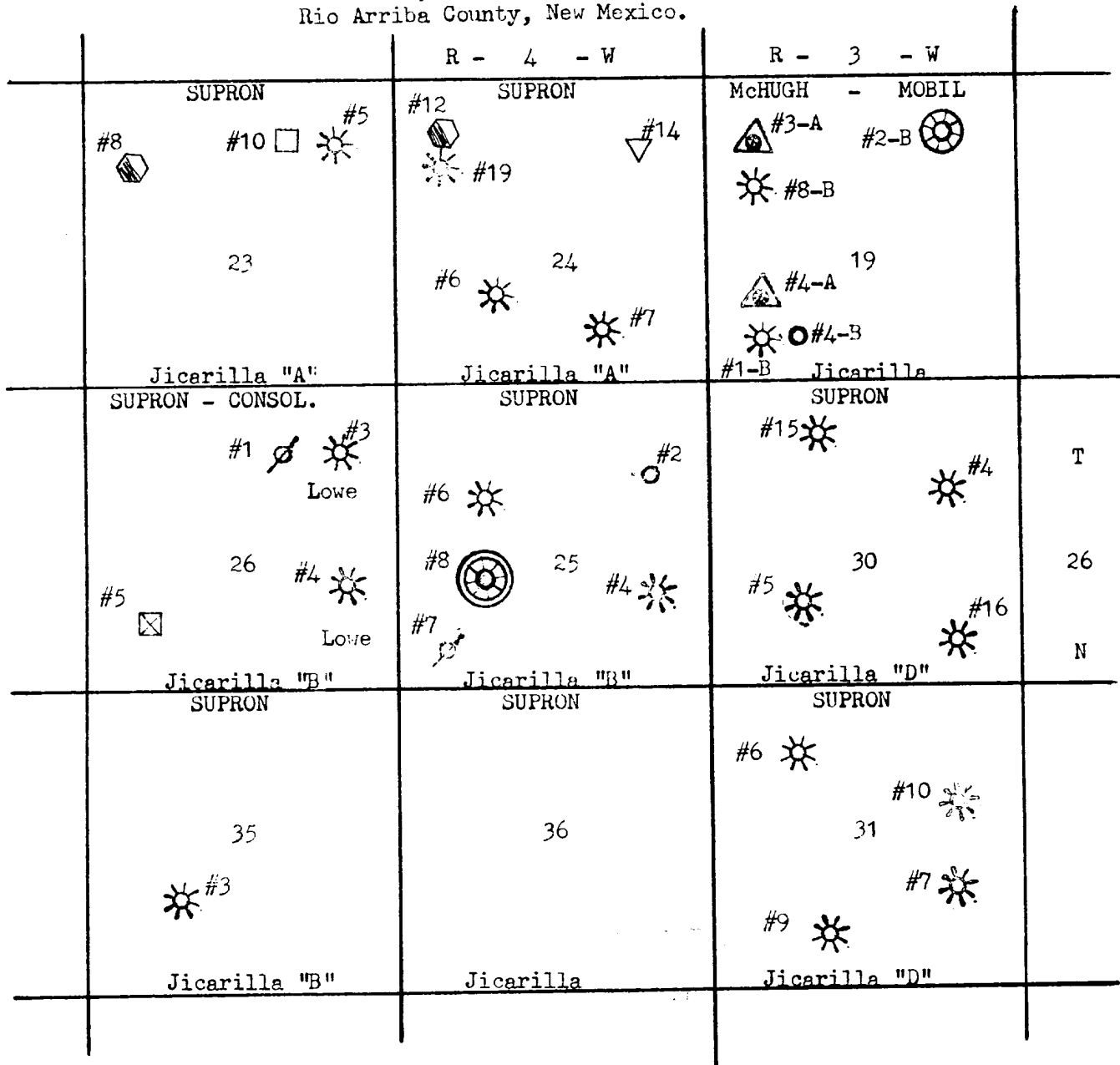
Rudy D. Motto
Area Superintendent
Phone: 325-3587

OFFSET OPERATOR'S PLAT

SUPRON ENERGY CORPORATION

WELL: JICARILLA "B" NO. 8

LOCATION: 1850 Feet from the South line and 1450 feet from the West line, Section 25, Township 26 North, Range 4 West, Rio Arriba County, New Mexico.



Proposed Dakota and Mesaverde or Pictured Cliffs Dual Completion



Mesaverde



Pictured Cliffs



Mesaverde - Pictured Cliffs Dual



Dakota - Pictured Cliffs Dual



Tocito - Dakota Dual



Gallup - Mesaverde Dual



Abandoned



Gallup - Dakota Dual

SUPRON ENERGY CORPORATION
POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsidte and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Supron Energy Corporation and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION

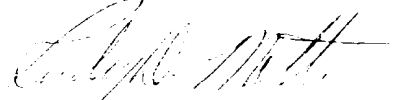


Rudy D. Motto
Area Superintendent
Phone: 325-3587

SUPRON ENERGY CORPORATION
POST OFFICE BOX 808
FARMINGTON, NEW MEXICO 87401

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsidte and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Supron Energy Corporation and its contractors subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SUPRON ENERGY CORPORATION



Rudy D. Motto
Area Superintendent
Phone: 325-3587