

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. SF 047020 B	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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 Calvin	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 800 Ft./South; 1080 Ft./East line			9. WELL NO. 1-E	
At proposed prod. zone Same as above			10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 2 Miles South East of Bloomfield, New Mexico			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T-29N, R-11W N.M.P.M.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800 Ft.		16. NO. OF ACRES IN LEASE 1183.91	17. NO. OF ACRES ASSIGNED TO THIS WELL 8/2 32.00 5/320	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 150 Ft.		19. PROPOSED DEPTH 6510	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5632 GR			22. APPROX. DATE WORK WILL START* March 1, 1980	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.00	250 Ft.	150 sx. circulated
7-7/8"	4-1/2"	10.50	6510 Ft.	1200 sx.

DEPT. OF THE INTERIOR AUTHORIZED TO ARE
SUBJECT TO THE ACT WITH ATTACHED
"GEOLOGICAL SURVEY"

This action is subject to administrative appeal pursuant to 30 CFR 290.

We desire to drill 12-1/4" surface hole to approximately 250 feet. Run new 8-5/8", 24.00# casing to T.D. and cement w/150 sx. of cement. Cement to be circulated back to surface. Pressure test the casing. Drill to approx. 6510 ft. using mud as the circulating medium. Log the well and run new 4-1/2" 10.50# casing to T.D. Cement in 3 stages as follows:
1st stage with approx. 250 sx. of 50-50 poz. D.V. tool at approx. 4400 ft. Cement 2nd stage with approx. 300 sx of 50-50 poz & 50 sx of class "B" cement. D.V. tool at approx. 2980 ft. Cement with approx. 550 sx of 65-35-6 followed by 100 sx of 50-50 poz. Pressure test the casing. Perforate the Dakota zone. Fracture to stimulate production. Clean the well up. Run 2-3/8" tbg. to be landed at approx. 6300 ft. Nipple down the well head. Test well. Connect to a gathering system.

This gas has previously been designated to a transporter.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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. Motto TITLE Area Superintendent DATE December 11, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

DISTRICT ENGINEER

111000

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

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

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

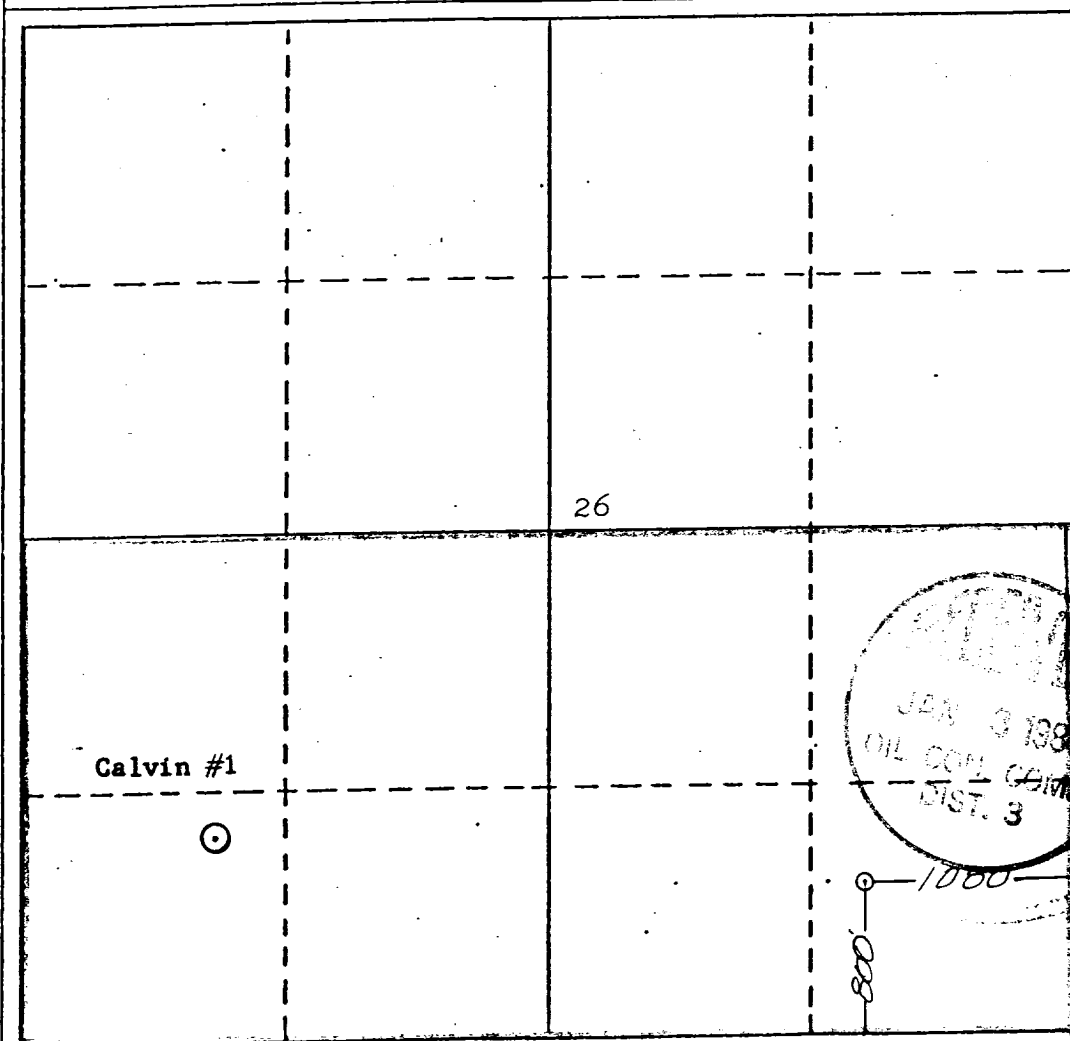
Operator SUPRON ENERGY CORPORATION			Lease CALVIN		Well No. 1-E
Unit Letter P	Section 26	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 800 feet from the SOUTH line and 1080 feet from the EAST line </div>					
Ground Level Elev. 5632	Producing Formation DAKOTA	Pool BASIN		Dedicated Acreage: S/2 320.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

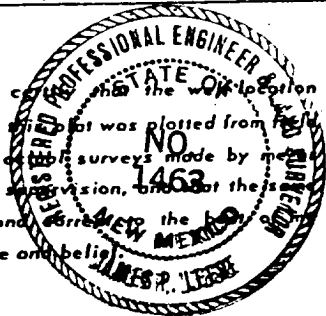


CERTIFICATION

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

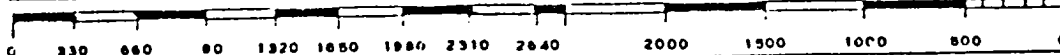
Name
Rudy D. Motto
 Position
Area Superintendent
 Company
Supron Energy Corporation
 Date
October 7, 1980

I hereby certify that the work shown on this plat was plotted from the notes of a duly licensed surveyor made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
September 30, 1980
 Registered Professional Engineer and/or Land Surveyor
James P. Leese
James P. Leese

Certificate No.
1463



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

December 11, 1980

United States Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

Attention: Mr. James Sims

Dear Sir:

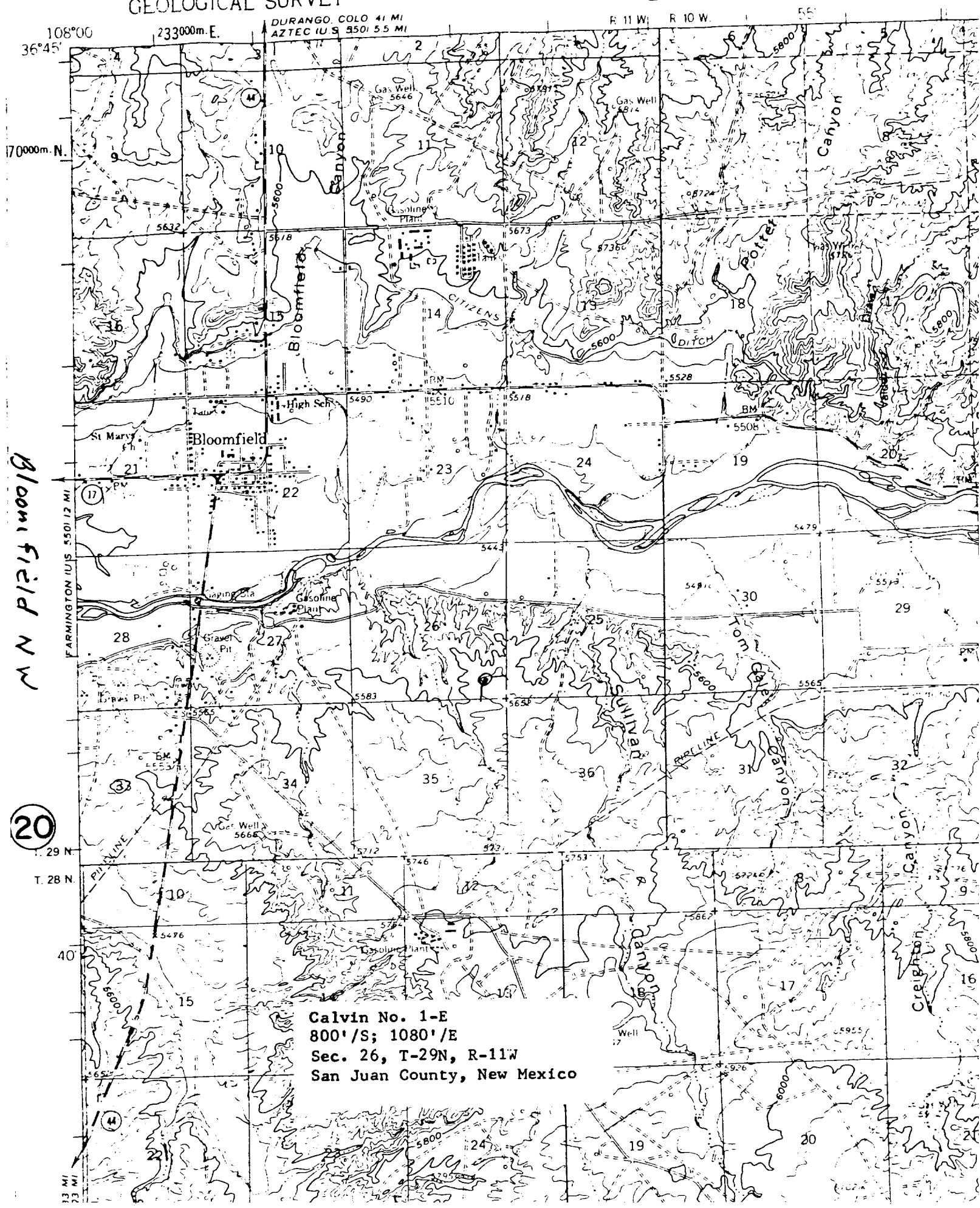
Supron Energy Corporation proposes to drill the Calvin No. 1-E well located 800 feet from the South line and 1080 feet from the East line of Section 26, Township 29 North, Range 11 West, N.M.P.M., San Juan County, New Mexico.

The following attachments are included with this application:

1. Map of existing roads.
2. No access road is needed.
3. Location of existing wells.
4. Lateral roads to well locations.
5. Location of surface equipment if required.
6. Drilling and completion water will be obtained from the San Juan River.
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 well 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 etc.
11. A letter of certification is attached. The operator representative, for compliance purposes, is Rudy D. Motto, Area Superintendent, P.O. Box 808, Farmington, New Mexico. Phone (505) 325-3587.
12. After the well is completed the location will be cleaned up and bladed. The reserve pit will be allowed to dry then it will be filled and re-stored to its natural state.
13. The soil is sandy loam with the principal vegetation being juniper, narrow leaf yucca and bitterbush.

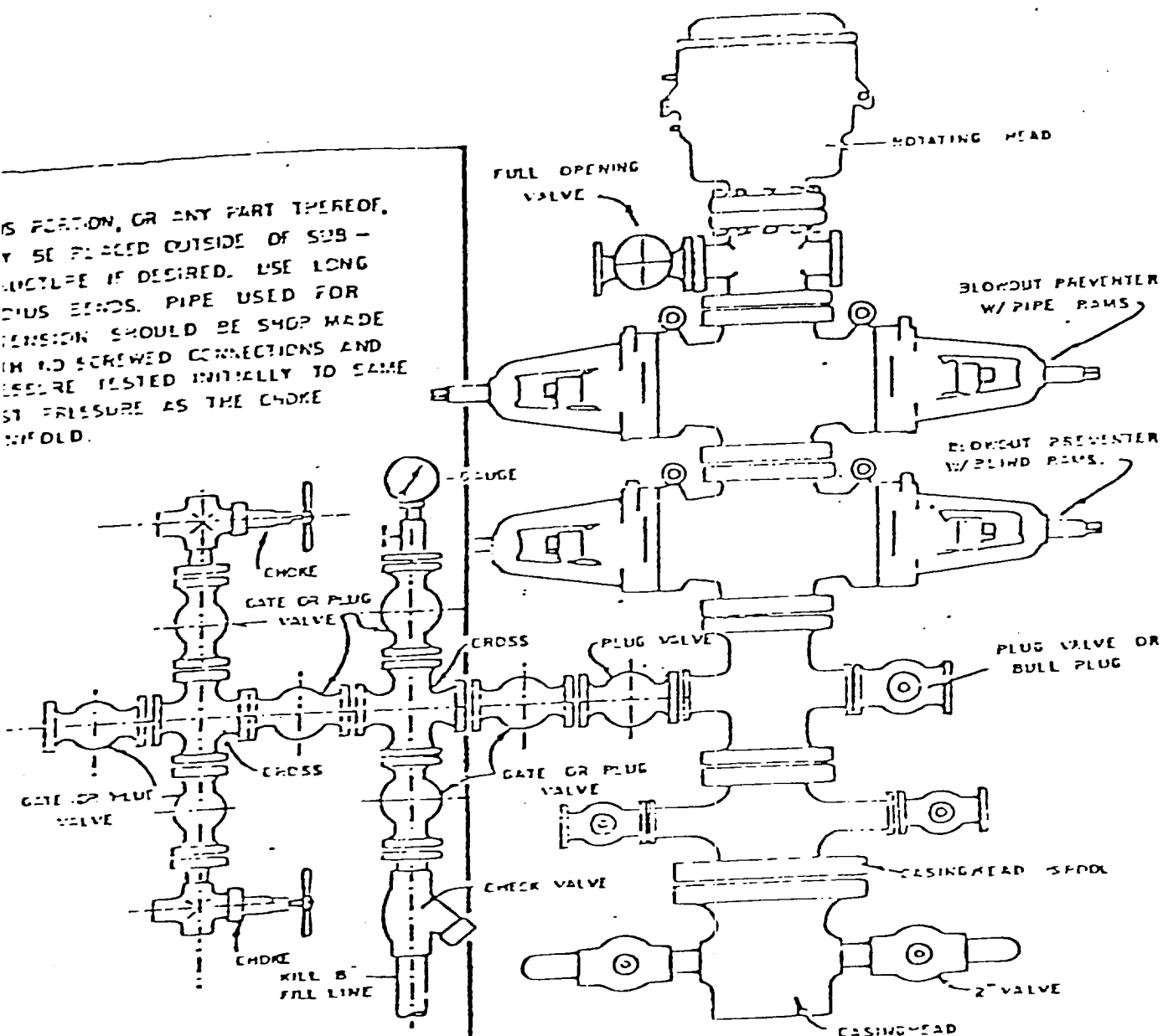
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(12)



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, and hydraulically operated

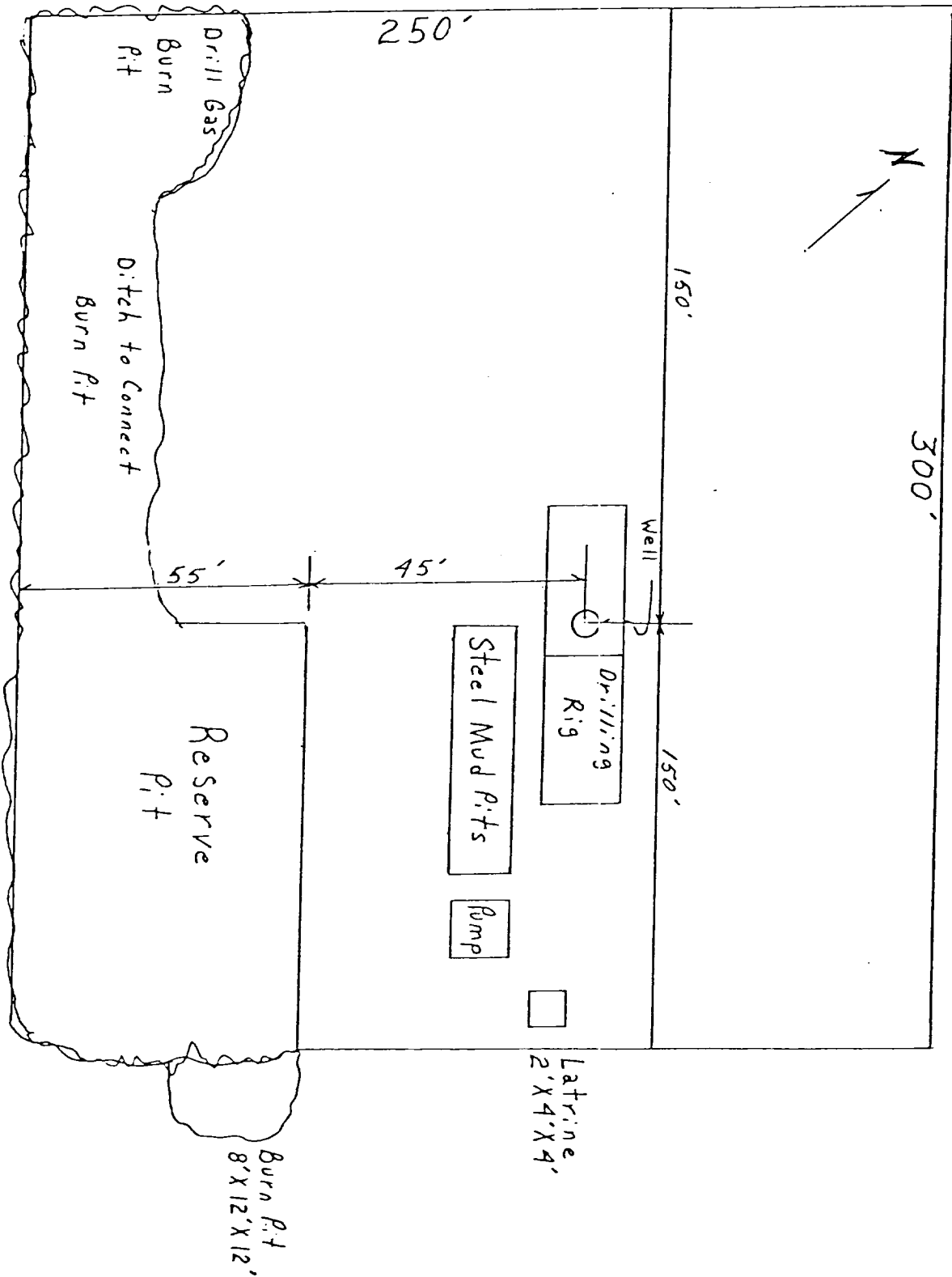


BLOWOUT PREVENTER HOCKUP

SUPRON ENERGY CORPORATION

CALVIN NO. 1-E

800' S; 1080' E line
Sec. 26, T-29N, R-11W
San Juan County, New Mexico



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

A handwritten signature in cursive script, reading "Rudy D. Motto".

Rudy D. Motto
Area Superintendent
Phone: 325-3587

SUPRON ENERGY CORPORATION

Calvin No. 1-E
SE ¼ Sec. 26, T-29N, R-11W, N.M.P.M.
San Juan County, New Mexico

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

A. Top of the Ojo Alamo	645 ft.
B. Kirtland	738 ft.
C. Fruitland	1550 ft.
D. Pictured Cliffs	1794 ft.
E. Chacra	2785 ft.
F. Cliff House	3365 ft.
G. Point Lookout	4145 ft.
H. Gallup	5355 ft.
I. Greenhorn	6185 ft.
J. Dakota	6225 ft.
3. The estimated depths at which anticipated water, oil or other mineral bearing formations are expected to be encountered are:

A. Ojo Alamo	645 ft.	Water
B. Kirtland	738 ft.	Water
C. Fruitland	1550 ft.	Water
D. Pictured Cliffs	1794 ft.	Gas
E. Chacra	2785 ft.	Gas
F. Cliff House	3365 ft.	Water
G. Point Lookout	4145 ft.	Water
H. Gallup	5355 ft.	Dry
I. Greenhorn	6185 ft.	Shale
J. Dakota	6225 ft.	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. 0 - 250 ft.	Natural Mud.
B. 250 - 6510 ft.	Permaloid non dispersed mud containing approx. 180 sx gel, 70 sx of permaloid and 20 sx of CMC.
7. The auxiliary equipment to be used will be floats at the bit and a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.
8. The well is in an area which is partially developed; therefore we will not have a testing and coring program. The logging program is as follows:

A. E.S. Induction
B. Gamma Ray Density
C. Gamma Ray Correlation
D. Cement Bond Log
9. We do not expect to find any abnormal pressures, temperatures or hydrogen sulfide problems in this partially developed area.
10. The anticipated starting date for this well is January 15, 1981.