

## NEW MEXICO OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

ADMINISTRATIVE ORDER

NGCA-25

EXEMPTION FROM THE NATURAL GAS PRICING ACT  
PURSUANT TO SECTION 62-7-5, NMSA 1978, AND  
DIVISION ORDER NO. R-5436

OPERATOR Supron Energy Corp. WELL NAME AND NO. Jicarilla J Well No. 12E  
LOCATION: UNIT M SEC. 35 TWP. 26N RANG. 5W COUNTY Rio Arriba

THE DIRECTOR OF THE DIVISION FINDS:

(1) That Section 5 of the Natural Gas Pricing Act (being Secs. 62-7-1 to 62-7-10, NMSA 1978) provides that the Natural Gas Pricing Act shall not apply to the production and sale of natural gas in intrastate commerce from a well the drilling of or first intrastate sale of which commenced on or after January 1, 1975, provided however, that the Act shall apply to such a well if it is drilled within an established proration unit which was producing or capable of producing natural gas prior to January 1, 1975, from the same reservoir unless the Oil Conservation Division exempts such well upon a finding that such new well was justified for reasons other than avoiding the application to the Natural Gas Pricing Act.

(2) That by Order No. R-5436, dated June 8, 1977, the Division established an administrative procedure whereby the Director of the Division is empowered to act for the Division and exempt gas wells from the provisions of Section 5 of the Natural Gas Pricing Act provided said wells were drilled on or after January 1, 1975, within established proration units which were producing or capable of producing natural gas from the same reservoir prior to January 1, 1975.

(3) That to qualify for such exemption, under said Order No. R-5436, a gas well must be classified either as a replacement well or as an infill well.

(4) That pursuant to Order No. R-5436, the Director of the Division may find that a replacement well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:

- (a) The well was necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage; or that
- (b) the well was necessary to replace a well producing at non-commercial rates; or that
- (c) the drilling of the well commenced prior to January 18, 1977.

(5) That pursuant to Order No. R-5436, the Director of the Division may find that an infill well is justified for reasons other than avoiding the pricing provisions of the Natural Gas Pricing Act upon a showing by the operator that:

- (a) the well was drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in such pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool; or that
- (b) the well is necessary to protect the proration unit from uncompensated drainage or to protect correlative rights; or that
- (c) the drilling of the well commenced prior to January 18, 1977.

(6) That the applicant herein Supron Corp. has requested exemption from the provisions of the Natural Gas Pricing Act pursuant to Section 62-7-5, NMSA 1978, and Division Order No. R-5436 for the above-named well.

(7) That all the requirements of said Order No. R-5436 have been complied with, and that said well is justified for exemption from the provisions of the Natural Gas Pricing Act inasmuch as said well was not drilled for the purpose of avoiding the application of said act, but was in fact:

( ) A Replacement Well

- ( ) necessary to replace a well lost due to economically irreparable down-hole mechanical failure or formation damage.
- ( ) necessary to replace a well producing at non-commercial rates.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

X) An Infill Well

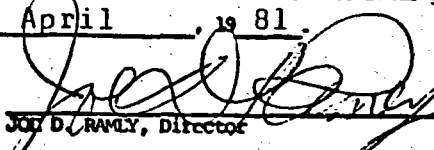
- ( ) drilled in a pool where the Division, after notice and hearing, has issued an order finding that infill drilling in such pool will increase the recoverable reserves under the various proration units in the pool, will result in more efficient use of reservoir energy, and will tend to ensure greater ultimate recovery of gas from the pool, said pool being the Basin Dakota Pool and the order being Division Order No. R- 1670-V.
- ( ) necessary to protect the proration unit from uncompensated drainage or to protect correlative rights.
- ( ) a well the drilling of which commenced prior to January 18, 1977.

IT IS THEREFORE ORDERED:

(1) That the above-named well is hereby exempted from Section 5 of the Natural Gas Pricing Act (Secs. 62-7-1 to 62-7-10, NMSA 1978).

(2) That jurisdiction of this cause is hereby retained, and that this exemption is subject to rescission upon failure to comply with the provisions of Rule 6(d) or Rule 7(c) of Division Order No. R-5436 or for other good cause shown.

DONE at Santa Fe, New Mexico on this 13th day of April, 19 81.

  
JOE D. RAMLEY, Director



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

April 13, 1981

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

Mr. William S. Jameson  
Supron Energy Corporation  
Building V, Fifth Floor  
10300 North Central Expressway  
Dallas, Texas 75231

Dear Mr. Jameson:

Enclosed are approved exemptions for your  
Jicarilla J Wells Nos. 9E and 12E from the New Mexico  
Natural Gas Pricing Act.

We are unable to process your application for  
exemption for the Angel Peak 5-R as a replacement  
well due to insufficient data. Please submit the  
material specified by Rule 6 of Order No. R-5436.

Very truly yours,

DANIEL S. NUTTER  
Chief Engineer

DSN/dr

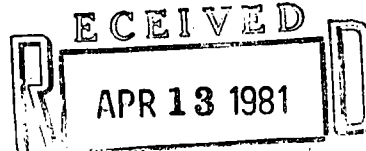
**SUPRON ENERGY CORPORATION**

BLDG. V, FIFTH FLOOR  
10300 NORTH CENTRAL EXPRESSWAY  
DALLAS, TEXAS 75231

**WILLIAM S. JAMESON**  
SENIOR VICE PRESIDENT  
GENERAL COUNSEL & SECRETARY

TELEPHONE (214) 691-9141  
TWX: (910) 861-9117  
SUPCO-DAL

April 8, 1981



Director  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION  
SANTA FE

Re: Application for Exemption from the Provisions  
of Section 6 of the Natural Gas Pricing Act  
Supron Energy Corporation's Jicarilla J 12E  
(Basin Dakota), Sec. 35, T26N, R5W  
Rio Arriba County, New Mexico

Dear Sir:

Pursuant to the provisions of the New Mexico Oil Conservation Division Order No. R-5436, Supron Energy Corporation hereby submits its application for a determination under Section 6 of the New Mexico Gas Pricing Act that the above well is justified for reasons other than avoiding the application of the New Mexico Gas Pricing Act.

The above captioned well was located and drilled as an "infill" well in a particular gas pool pursuant to an Oil Conservation Division order finding that such well will increase the recoverable reserves under the applicable proration unit and will result in more efficient use of reservoir energy and will tend to ensure greater ultimate recovery of gas from the pool. The applicable Division Order No. for the Dakota pool is R1670-V.

Transmitted herewith in support of the application is a plat of the area showing the proration unit in question, the location of the above referenced well and the ownership and location of all wells on direct or diagonally offsetting proration units.

Submitted herewith is a copy of the following data which shows the date on which the drilling of the captioned well was commenced:

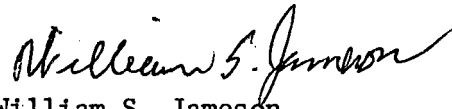
1. Application for Permit to Drill;
2. Sundry Notices with respect to the captioned well; and
3. Well Completion Report.

New Mexico Oil Conservation Division  
April 8, 1981  
Page 2

Supron Energy Corporation hereby certifies that the pre-existing well on the Dakota formation proration unit applicable to the captioned well will not have its ability to produce into the pipeline restricted in any manner.

A copy of this application and the related material submitted in support thereof has this day been forwarded to the District Office of the New Mexico Oil Conservation Division in Aztec, New Mexico.

Very truly yours,



William S. Jameson  
Senior Vice President,  
General Counsel & Secretary

WSJ:cb

Enclosures

cc: New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Gas Company of New Mexico  
First International Building  
Suite 1800  
Dallas, Texas 75270

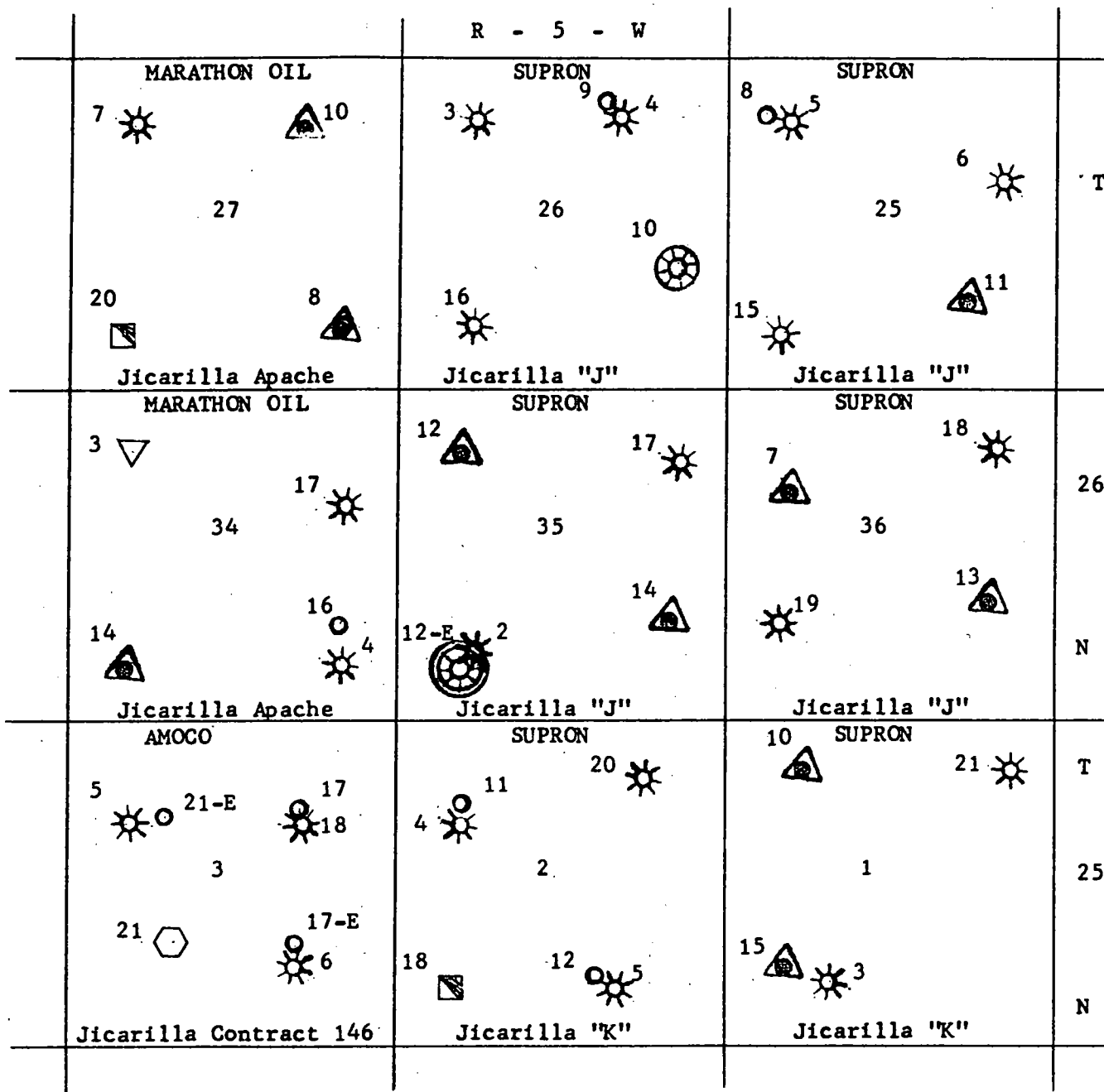
Southland Royalty Corp.  
P. O. Drawer 570  
Farmington, New Mexico 87401

# SUPRON ENERGY CORPORATION

## FSET OPERATOR'S PLAT

WELL: JICARILLA "J" NO. 12-E

LOCATION: 800 Feet from the South line and 980 feet from the West line of Section 35, Township 26 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.



Proposed Mesaverde - Dakota dual completion



Pictured Cliffs



Dakota



Gallup - Dakota



Pictured Cliffs - Dakota



Chacra - Dakota



Chacra - Pictured Cliffs



Chacra

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

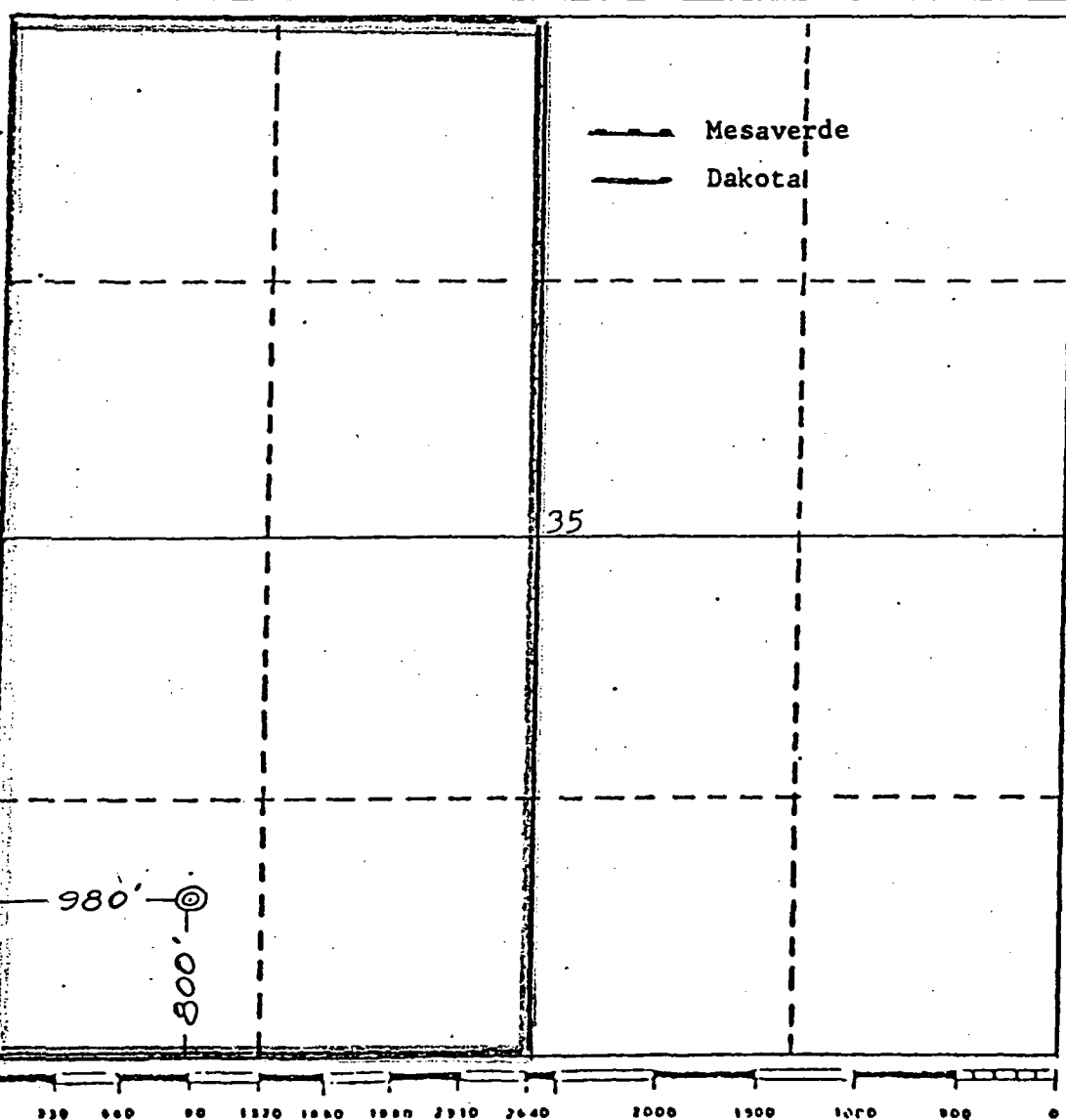
Operator <b>SUPRON ENERGY CORPORATION</b>			Lease <b>JICARILLA "J"</b>		Well No. <b>12-E</b>
Unit Letter <b>M</b>	Section <b>35</b>	Township <b>26 NORTH</b>	Range <b>5 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: 800 feet from the <b>SOUTH</b> line and 980 feet from the <b>WEST</b> line					
Ground Level Elev. <b>6654</b>	Producing Formation <b>ME SAVERDE</b> <b>DAKOTA</b>		Pool <b>BLANCO</b> <b>BASIN</b>		Dedicated Acres <b>W/2 320</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plot 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 Division.



## 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

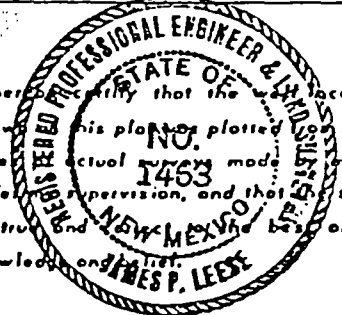
Company

SUPRON ENERGY CORPORATION

Date

February 29, 1980

I hereby certify that the well location shown on this plot was plotted in the field notes of actual work 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

February 6, 1980

Registered Professional Engineer  
and/or Land Surveyor

*James P. Leese*  
James P. Leese

Certificate No.

1463

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. 153	
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 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 "J"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 800 F/South line and 980 F/West line At proposed prod. zone Same as above			9. WELL NO. 12 E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 Miles Southeast of Counselors, N.M.			10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800 Ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 35, T26N, R5W, N.M.P.M.	
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320 (W $\frac{1}{2}$ )			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200 feet			19. PROPOSED DEPTH 7525 ft.	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* June 18, 1980	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6654 GR				

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{2}$ "	8-5/8	24.00	250	175 sx
7-7/8"	4 $\frac{1}{2}$ "	10.50	7525	1000 sx

The surface hole will be drilled to + 250 ft. Casing will be run and cemented with the cement being circulated back to the surface. The surface casing will be pressure tested. The well will be drilled to T.D. of approx. 7560 ft. using a starch base mud as the circulating medium. Pipe will be run and cemented in three strages as follows: First stage 350 sx of 50-50 POZ mix, Second stage 400 sx of 50-50 POZ mix followed by 50 sx of class "B" cement and the Third stage 150 sx of HOWCO Lite followed by 50 sx of class "B" with the estimated cement top to be at 2,200 ft. The pipe will be pressure tested and the Dakota zone will be perforated and fractured to stimulate production. The well will be cleaned up and tubing run and landed above the Dakota zone. The wellhead will be nipped down and the well tested.

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. Motto TITLE Area Superintendent DATE 6-12-80  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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 ☐ gas ☒ other

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. See space 17 below.)  
AT SURFACE: **800 Ft./S; 980 Ft./W line**  
AT TOP PROD. INTERVAL: **Same as above**  
AT TOTAL DEPTH: **Same as above**

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE  
**Contract No. 153**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Jicarilla Apache**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Jicarilla "J"**

9. WELL NO.  
**12-E**

10. FIELD OR WILDCAT NAME  
**Basin Dakota - Blanco Mesaverde**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 35, T-26N, R-5W, N.M.P.M.**

12. COUNTY OR PARISH  
**Rio Arriba**

13. STATE  
**New Mexico**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**6665 R.K.B.**

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

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.)\*

The "Application to Drill" requested a Dakota completion only. After the logs were run, it was decided that the Mesaverde zone should also be completed. We request permission to make this well a Blanco Mesaverde - Basin Dakota dual completion. A packer will be set to separate the two zones. Tubing will be run to the Dakota. We propose to produce the Mesaverde zone through the annulus.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Kenneth E. Roddy TITLE Production Supt. DATE October 20, 1980

Kenneth E. Roddy

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other  
instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 153	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		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 "J"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 800 Ft./South 980 Ft./West line At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 12-E	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 8-15-80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 35, T-26N, R-5W N.M.P.M.	
16. DATE T.D. REACHED 8-21-80		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 12-18-80		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 6665 R.K.B.		19. ELEV. CASINGHEAD 6654	
20. TOTAL DEPTH, MD & TVD 7487 MD & TVD		21. PLUG, BACK T.D., MD & TVD 7386 MD & TVD	
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7219 - 7385 Dakota (MD& TVD)		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric and Compensated Density		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24.00	283	12-1/4"
4-1/2"	10.50	7487	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
200 Sacks			
1030 Sacks (3 Stages)			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2-3/8"EUE	7154	7147	
31. PERFORATION RECORD (Interval, size and number)			
1 - 0.42" hole at each of the following depths: 7219, 20, 21, 22, 23, 24, 25, 26, 7347, 49, 50, 51, 52, 53, 54, 57, 58, 59, 60, 61, 62, 63, 79, 80, 81, 82, 83, 84, 85. Total of 29 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7219 - 7385		2000 gal. 15% HCL, 120,000 lb. 20-40 sand, and 73,000 gal. 2% KCL water	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		Flowing	
DATE OF TEST		WELL STATUS (Producing or shut-in)	
12/11/80		Shut-In	
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	GAS—MCF.
3	3/4"		175
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	WATER—BBL.
108	---		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY Doyal Parret	
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Kenneth E. Roddy</u>		TITLE <u>Production Superintendent</u>	
Kenneth E. Roddy		DATE <u>December 19, 1980</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**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 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

### 38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo (Base)	2664	
Fruitland	2730	
Pictured Cliffs	3002	
Chacra	3900	
Cliff House	4692	
Point Lookout	5232	
Gallup	6364	
Base Greenhorn	7195	
Dakota	7216	