

**Union Texas
Petroleum**

P. O. Box 1290
Farmington, N.M. 87499
(505) 325-3587

June 13, 1984

JUN 14 1984

CCW

Gas Company of ~~New Mexico~~
P.O. Box 26400
Albuquerque, New Mexico 87125

Attention: Gas Supply Department

Gentlemen:

Attached please find Union Texas Petroleum Corporations request for an exemption from the provisions of the New Mexico Natural Gas Pricing Act for the Angel Peak No. 5R well, located 1874' FSL and 1850' FEL of Section 10, T28N, R11W, NMPM of San Juan County, New Mexico.

We would appreciate your signing in the place provided below and dating one copy of this letter and returning it to us. Please show the date which this application was received into record, so that our files will be complete.

Very Truly Yours,

UNION TEXAS PETROLEUM CORPORATION

Rudy D. Motto

Rudy D. Motto
Area Operations Manager

RDM:svr

This application was received
on 6/14/84
(Date)

and placed on record on

(Date)

By: *[Signature]*

Title: *Counsel*

**Union Texas
Petroleum**

P. O. Box 1290
Farmington, N.M. 87499
(505) 325-3587

June 13, 1984

JUN 14 1984

RECEIVED

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Angel Peak No. 5R
Fulcher Kutz Pictured Cliffs
1874' FSL; 1850' FEL
Sec. 10, T28N, R11W, NMPM
San Juan County, New Mexico

Gentlemen:

Pursuant to the provisions of the New Mexico Oil Conservation Commission Order R-5436, Section 62-7-5 NMSA 1978, Union Texas Petroleum Corporation requests an exemption for the above referred replacement well from the provisions of the New Mexico Natural Gas Pricing Act.

Attached for your consideration is the following:

1. An area plat showing the referenced proration unit, the location of all wells thereon, locations and ownership of all wells offsetting it.
2. No well site plat could be found in the well file for the original well on this proration unit.
3. The well site plat for the replacement well.
4. A copy of the AFE for the Angel Peak No. 5R.
5. Proof that the well has been plugged and abandoned before the replacement well was drilled (Form 9-331 dated 10/14/80 and approved 7/8/82).
6. Proof of the date when the replacement well was drilled is shown on Form 9-331 dated 2/18/81 and approved 2/24/81.

The Angel Peak "B" No. 5 well was spudded on 10/20/30. The date of completion and first production are not verifiable in our records. The well produced through January 1979. The well quit producing and a completion rig was moved on location. The tubing was pulled and the well was cleaned out. The well was found to have a heavy concentration of natural sand and clay mixed with drilling mud from the original drilling of the well. This well was sand pumped and tubing run back in the hole. The well would not pressure up or produce.

We were notified by the purchasers on 9/12/79 that the well was noncommercial for the Gas Company of New Mexico to maintain their equipment for this well and if the well was not returned to commercial production that they would suspend servicing their equipment. We were notified by letter dated 11/13/79 that changing of charts and servicing of equipment would be suspended on 11/16/79.

State of New Mexico
Energy and Minerals Department
Angel Peak No. 5R
Page 2

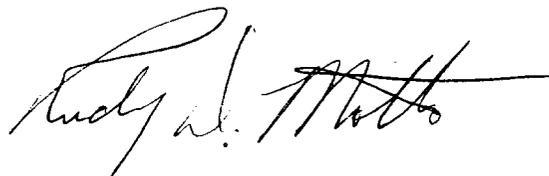
The Angel Peak No. 5R was subsequently plugged and abandoned on 10/8/80 after repeated attempts to return the well to production (see attached reports and Form 9-331 dated 10/14/80 and approved 7/8/82).

The application to drill the Angel Peak No. 5R was filed on 10/14/80 and approved on 11/1/80 (see Form 9-331C). This well was spudded on 2/13/81 (see Form 9-331 dated 2/18/81) and approved 2/24/81. The well was completed on 3/12/82 (see Form 9-330 dated 3/12/81 and approved 3/24/81). This well was first produced on 9/22/81 into Southern Union Gathering Company's pipeline system.

Union Texas Petroleum Corporation respectfully requests this exemption be approved as soon as practical.

Very Truly Yours,

UNION TEXAS PETROLEUM CORPORATION



Rudy D. Motto
Area Operations Manager

RDM:svr

cc: Mr. Frank Chavez, Supervisor
District III Office
New Mexico Oil Conservation Division
1000 Rio Brazo Road
Aztec, New Mexico

Gas Company of New Mexico
P.O. Box 26400
Albuquerque, NM 87125
Attention: Gas Supply Department

Mr. D. W. Pickels
Mr. G. R. Johnson
Mr. T. K. Woolley
Mr. W. N. Hahne

MURCHISON OIL COMPANY'S

ANGEL PEAK WELL #5
 DRILLING COMMENCED: 10-20-30

LOCATION: 220' east of west line,
 285' south of north
 line, Lot 3 Sec. 11,
 San Juan County, New
 Mexico
 Elevation: 5690.24

Ø - 80	Sand	1767-1769	Sandy lime
80 - 105	Shale & sand.	1769-1780	Sand & coal
105 - 157	Hard sand	1780-1782	Hard sandy lime
157 - 215 San	Sand & shale	1782-1828 — ^	Gas Sand
215 - 319	Sand	1828-1839 —	Sand
319 - 347	Sand & Boulders	1839-1851 —	Shale
347 - 369	Shale	1851-1861 —	Sand
369 - 444-	Broken Sand	1861-1880	Gray sandy shale
444 - 449	Hard Sand	1880-1895	Brown sandy shale
449 -464	Sand & shale		Known as Lewis shale
464 -580	Shale & boulders	1895-1895 —	TOTAL DEPTH
580 -651	Soft sand	1832	BOTTOM OF SAND
651 -657	Hard sand		
657 -700	Broken sand		
700 -741	Hard sand	INITIAL PRODUCTION: 2,069,000 cu. ft.	
741 -777	Shale & shells	of gas.	
777 -787	Hard sand		
787 -860	Shale	CASING RECORD: 6-5/8" @ 1784'	
860 -875	Hard sand	10" @ 22'	
875 -941	Shale & shell		
941 -971	Broken lime		
971 -1041	Shale & shells		
1041-1091	Broken sand		
1091-1131	Shale & shells		
1091-1131	SHale & shells		
1131-1175	Broken Sand		
1175-1180	Hard sand		
1180-1200	Shale		
1200-1208	Broken lime		
1208-1598	Shale & shells		
1398-1400	Sand		
1400-1466	Broken lime		
1466-1486	Shale		
1486-1511	Broken lime		
1511-1519	Sandy lime		
1519-1530	Broken lime		
1530-1575	Shale, shells		
1575-1582	Broken coal		
1582-1591	Broken lime		
1591-1662	Broken coal & shells		
1662-1688	Coal, lime shells		
1688-1716	Broken lime		
1716-1732-	Hard lime		
1732-1755	Broken lime		
1755-1760	Sand & shale		
1760-1762	Hard sand		
1762-1767	Shale & coal		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JUL 1 0 1980

UNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill or to deepen or plug back to a different
dir. Use Form 9-331-C for such proposals.)

oil well gas well other

NAME OF OPERATOR

SUPRON ENERGY CORPORATION

ADDRESS OF OPERATOR

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

LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17
below.)

AT SURFACE: 285 ft./S ; 1520 ft./W line

AT TOP PROD. INTERVAL: Same as above

AT TOTAL DEPTH: Same as above

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

5. LEASE

SF 047017 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Angel Peak

9. WELL NO.

5

10. FIELD OR WILDCAT NAME

Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR
AREA

Sec. 11, T-28N, R-11W, N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

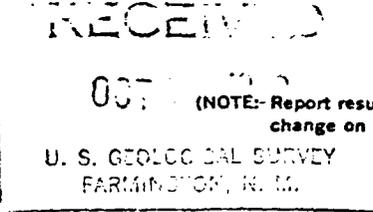
5689 GR.

QUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- ST WATER SHUT-OFF
- ACTURE TREAT
- OOT OR ACIDIZE
- PAIR WELL
- ILL OR ALTER CASING
- LTIPLE COMPLETE
- HANGE ZONES
- ANDON*

-
-
-
-
-
-
-
-



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.)*

1. Rig up Bedford Rig No. 3 10-7-80.
2. Set 25 sack cement plug from total depth.
3. Perforated 8 holes at 800 ft. and squeezed with 35 sacks.
4. Spotted 15 sack cement plug from 150 ft. to surface.
5. Erected dry hole marker.
6. Job completed 10-8-80.

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

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

SIGNED Kenneth E. Roddy TITLE Production Supt. DATE October 14, 1980

APPROVED BY _____ TITLE _____ DATE _____
(This space for Federal or State office use)

APPROVED
 JUL 08 1980
 JAMES F. SIMS
 DISTRICT ENGINEER

*See Instructions on Reverse Side

OPERATOR

GAS COMPANY OF NEW MEXICO

November 13, 1979

Supron Energy Corporation
P. O. Box 808
Farmington, N. M. 87401

Subject: Angel Peak 5

STA. #3703-06

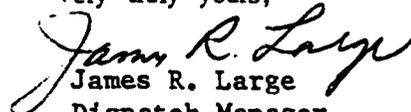
(K)11-28-11

Gentlemen:

In accordance with our letter to you dated 9-12-79, we have suspended the changing of charts and servicing of our equipment on the above named well effective 11-16-79.

We will be pleased to reinstitute service on this well upon your notification that it is again economically capable of producing into our lines.

Very truly yours,


James R. Large
Dispatch Manager

/sw

cc: Mr. Walter Bohls, Engineering
Mr. E. R. Corliss, Engineering
Mr. John King, Gas Supply
Mr. R. J. McCrary, Prorations
Mr. W. B. Richardson, Gas Measurement
Mr. Bruno Giovanini, Kutz
Mr. K. W. Blancett, Kutz
Mr. Derald Ferrari, Kuta
File

file

OIL CONSERVATION COMMISSION

1000 Rio Brazos Road

AZTEC, NEW MEXICO 87410

NOTICE OF GAS CONNECTION

DATE September 23, 1981

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM THE Supron Energy Corporation OPERATOR

Angel Peak LEASE 5-R WELL UNIT (J)10-28N-11W S - T - R
Fulcher Kutz Pictured Cliffs POOL Southern Union Gathering Company NAME OF PURCHASER

WAS MADE ON 9-22-81 DATE , FIRST DELIVERY 9-22-81 DATE

619
INITIAL POTENTIAL

Southern Union Gathering Company
PURCHASER

James R. Large
REPRESENTATIVE
James R. Large
Dispatch Manager
TITLE

/sw
cc: OPERATOR
New Mexico Oil Conservation Commission - Aztec
U. S. Geological Survey
Mr. E. R. Corliss, Engineering
Mr. R. J. McCrary, Prorations
Mr. Jim Bowlby, Gas Accting.
Ms. Nylene Dickson, Gas Measurement
Mr. Mike Lambert, Gas Supply
Mr. Richard Thomas, Gas Supply
Mr. Perry McFarland, Kutz
File

FORM 20-43 11-76

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

NAME OF OPERATOR
Supron Energy Corporation

ADDRESS OF OPERATOR
P.O. Box 808, Farmington, New Mexico 87401

LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **1874 Ft./South; 1850 Ft./East line**
 At top prod. interval reported below **Same as above**
 At total depth **Same as above**

RECEIVED
 MAR 13 1981
 U. S. GEOLOGICAL SURVEY
 FARMINGTON, N. M.

5. LEASE DESIGNATION AND NUMBER
ST 047020 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Communitized

8. FARM OR LEASE NAME
Angel Peak

9. WELL NO.
5-R

10. FIELD AND POOL, OR WILDCAT
Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OF AREA
Sec. 10, T-28N, R-11W N.M.P.M.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED **2/13/81** 16. DATE T.D. REACHED **2/15/81** 17. DATE COMPL. (Ready to prod.) **3/12/81** 18. ELEVATIONS (DP, REB, RT, GR, ETC.)* **5565 R.K.B.** 19. ELEV. CASINGHEAD **5554**

20. TOTAL DEPTH, MD & TVD **1790 MD & TVD** 21. PLUG BACK T.D., MD & TVD **1740 MD & TVD** 22. IF MULTIPLE COMPL., HOW MANY* **- - -** 23. INTERVALS DRILLED BY ROTARY TOOLS **0 - 1790** CABLE TOOLS **- - -**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
1636 - 1676 Pictured Cliffs (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	CEMENTING RECORD	AMOUNT PULLED
7-5/8"	26.40	193	9-7/8"	175 Sacks	
2-7/8" EUE	6.50	1771	6-1/2"	300 Sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
No Tubing		

31. PERFORATION RECORD (Interval, size and number)

1 - 0.42" hole at each of the following depths: 1636, 38, 40, 42, 44, 46, 49, 52, 66, 68, 1672, 74, 76. (Total of 13 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1636 - 1676	1000 gal. 7-1/2% HCL, 40,000 lb. 10-20 sand, and 70-30 quality foam.

33. PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut-In**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/12/81	3	3/4"	→		77		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
	40	→		619		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Vented** TEST WITNESSED BY **Clifton Gates**

35. LIST OF ATTACHMENTS **ACCEPTED FOR RECORD**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Kenneth E. Roddy* TITLE Production Superintendent DATE MAR 24 1981
Kenneth E. Roddy

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

OPERATOR

FARMINGTON DISTRICT
BY RB

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
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: 1874 ft./S ; 1850 ft./E line
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
SF 047020 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Angel Peak

9. WELL NO.
5-R

10. FIELD OR WILDCAT NAME
Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T-28N, R-11W, N.M.P.M.

12. COUNTY OR PARISH | 13. STATE
San Juan | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5565 R.K.B.

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

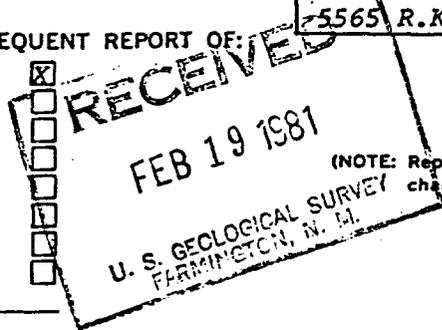
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:



(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.)*

1. Spudded 9-7/8" surface hole at 4:45 p.m. 2-13-81.
2. Drilled 9-7/8" surface hole to total depth of 195 ft. R.K.B.
3. Ran 5 joints of 7-5/8", 26.40#, K-55 casing and set at 193 ft. R.K.B.
4. Cemented with 175 sacks of class "B" with 3% Calcium Chloride. Plug down at 4:30 a.m. 2-14-81. Cement circulated to surface.
5. Waited on cement for 12 hours.
6. Pressure-tested casing to 1000 PSI for 15 minutes. Held OK.

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 February 18, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL IF ANY:

ACCEPTED FOR RECORD

FEB 24 1981

*See Instructions on Reverse Side

BY BIW FARMINGTON DISTRICT

OPERATOR

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
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: 1874 ft./S ; 1850 ft./E line
AT TOP PROD. INTERVAL: Same as above
AT TOTAL DEPTH: Same as above

5. LEASE
SF 047020 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Angel Peak

9. WELL NO.
5-R

10. FIELD OR WILDCAT NAME
Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T-28N, R-11W, N.M.P.M.

12. COUNTY OR PARISH | 13. STATE
San Juan | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5565 R.K.B.

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

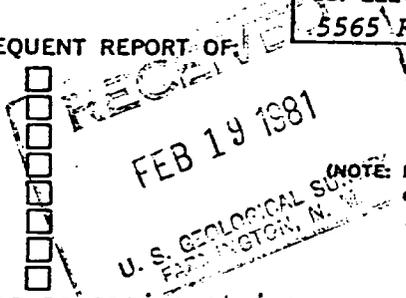
PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

SUBSEQUENT REPORT OF:



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

(other) Ran 2-7/8" E.U.E. tubing as casing string

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. Drilled 6 1/2" hole with mud to total depth of 1790 ft. R.K.B. Total depth was reached on 2-15-81.
2. Ran 56 joints of 2-7/8" E.U.E. 6.50# tubing as casing string. Landed at 1771 ft. R.K.B. Float collar at 1740 ft. R.K.B.
3. Cemented with 200 sacks of 65-35-6 with 12 1/2 lb. of Gilsonite per sack and 100 sacks of 50-50 POZ mix with 2% gel. Plug down at 12:00 midnight 2-16-81.
4. Ran temperature survey and found cement top at 300 ft. R.K.B.

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 February 18, 1981
Kenneth E. Roddy

(This space for Federal or State office use)

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

FEB 24 1981

*See Instructions on Reverse Side

FARMINGTON DISTRICT

BW

OPERATOR

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

SUPRON ENERGY CORPORATION			ANGEL PEAK		Vell No. 5-R
Unit Letter J	Section 10	Township 28 NORTH	Range 11 WEST	County SAN JUAN	

Actual Footage Location of Well:
 1874 feet from the SOUTH line and 1850 feet from the EAST line
 Ground Level Elev. 5554
 Producing Formation Pictured Cliffs
 Pool Fulcher Kutz
 Dedicated Acreage: 99.02 Acres

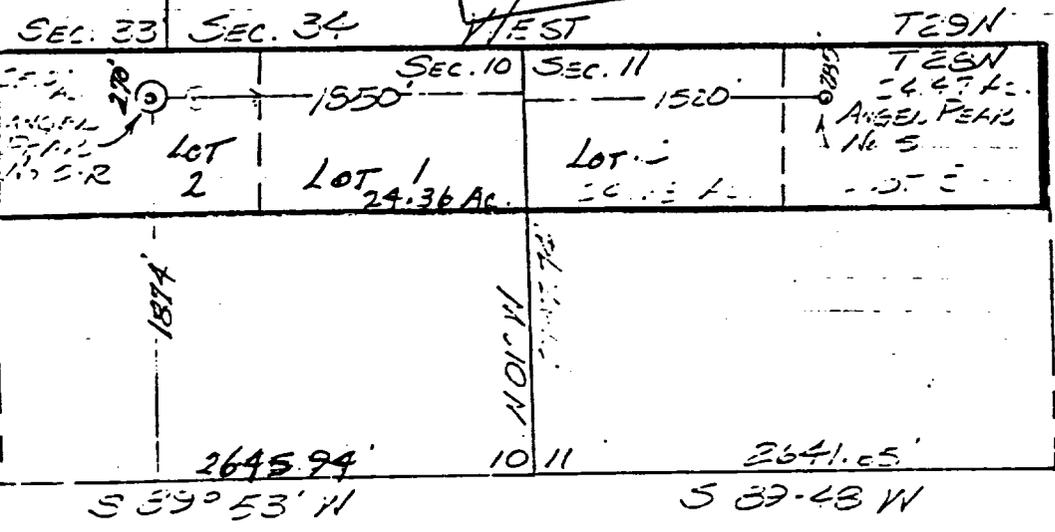
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

RECEIVED
 OCT 16 1980
 U. S. GEOLOGICAL SURVEY
 FARMINGTON, N. M.



2646
 2641
 5282

CERTIFICATION

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

Rudy D. Motto
 Rudy D. Motto
 Position Area Superintendent
 Company Supron Energy Corporation
 Date September 4, 1980

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
 STATE OF NEW MEXICO
 I hereby certify that the location shown on this NO. _____ map is correct as shown on the actual 1463 map made by me or under my supervision, with the same accuracy as required by law. The location is true and correct to the best of my knowledge.

Date Surveyed September 3, 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 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 1874 ft. FSL & 1850 ft. FEL.
 At proposed prod. zone Same as above.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 2-1/2 miles South of Bloomfield, New Mexico

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 270 ft. 270 ft.

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5554 Gr.

RECEIVED
 OCT 16 1980
 U. S. GEOLOGICAL SURVEY
 FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.
 SF 047020B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Communitized

8. FARM OR LEASE NAME
 ANGEL PEAK

9. WELL NO.
 5-R

10. FIELD AND POOL, OR WILDCAT
 Fulcher Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Partial Sec. 10 *
 T-28N, R-11W, N.M.P.M.

12. COUNTY OR PARISH
 San Juan

13. STATE
 New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL
 99.02

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 January 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	26.40	200 ft.	100 sx circulated
6-3/4"	2-7/8"	6.50	1800 ft.	300 sx cover the Ojo Alamo

DRAWING CONTAINING INFORMATION ARE SUBJECT TO THE FOLLOWING ATTACHED "GENERAL CONDITIONS"

This section is subject to administrative appeal pursuant to 30 CFR 250.

It is proposed to drill 9-7/8" surface hole to approximately 200 ft. Run 7-5/8" surface pipe and cement the pipe. Cement will be circulated to surface. The casing will be tested. Drill 6-3/4" hole to T.D. of approximately 1800 feet and run 2-7/8" casing. Cement, pressure test and perforate the casing. Fracture the Pictured Cliffs zone to stimulate production. Clean well up and nipple down wellhead. Test well and connect to a gathering system.

The gas from this well is dedicated to a transporter.

* This drilling unit covers Lot 3 and 4 of Section 11 and Lot 1 and 2 of Section 10, T-28N, R-11W, N.M.P.M.

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. Mott TITLE Area Superintendent DATE October 14, 1980
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

AUTHORITY FOR EXPENDITURE

WELL NO _____

LEASE Angel Peak WELL 5-R FIELD Fulcher Kutz Pictured Cliffs
 COUNTY San Juan FORMATION Pictured Cliffs ESTIMATED TD 2000
 STATE NEW MEXICO WELL TYPE: DEVELOPMENTAL XXXX EXPLORATORY
 LOCATION Located in the SW/4 of Section 11, Township 28 North, Range 11 West in San Juan County, New Mexico

	SUB ACCT.	PRODUCING WELL		DRY HOLE
		SUB	TOTAL	
Well Cost - Intangible - 303				
LOCATION, ROAD, & DIRTWORK	101-2	5,000	5,000	5,000
DRILLING CONTRACTOR CHARGES:				
FOOTAGE OR MI-RU-RD-MO <u>15.80/ft</u>	103-4	30,600		
DAYWORK (INCLUDES BITS) <u>1 day</u>	105	4,300		
TURNKEY	106		34,900	34,900
FUEL, POWER, & WATER	107	5,000		5,000
DRILLING EQUIPMENT-RENTAL - PURCHASE	108-11	1,000		1,000
MUD & CHEMICALS	112	10,000	16,000	10,000
EVALUATION:				
MUD LOGGING & CORING	201			
TESTING	202			
OPEN HOLE LOGGING	203	6,000	6,000	6,000
CEMENTING SERVICES & SUPPLIES	301	7,000	7,000	4,000
SUPERVISION & AUTOMOTIVE	302	1,000	1,000	1,000
WELL SERVICE RIG-COMPLETION	401			
COMPLETION EQUIPMENT-RENTAL - PURCHASE	402	1,000		
COMPLETION COSTS:				
LOGGING & PERFORATING	403-5	3,000		
STIMULATION	406-7	20,000	24,000	
INSTALLATION COST OF WELL EQUIPMENT	408	1,000		
HAULING	501	1,000	2,000	1,000
OVERHEAD	502	500	500	500
MISCELLANEOUS <u>10% contingencies</u>	503-4	9,600	9,600	6,800
SUB TOTAL		106,000	106,000	75,200
Well Cost - Tangible - 304				
CASING:				
CONDUCTOR	101			
SURFACE <u>150' of 7-5/8"</u>	102	1,800		1,800
INTERMEDIATE	103			
PRODUCTION <u>200' of 2-7/8"</u>	104	7,500		
TUBING	201		9,300	
SUB-SURFACE EQUIPMENT	301-4			
WELLHEAD EQUIPMENT:				
CASINGHEAD & SPOOL	401-2	500		
TUBINGHEAD & X-MAS TREE	403	1,000		
ARTIFICIAL LIFT EQUIPMENT	501-4			
SURFACE PRODUCTION EQUIPMENT	601-3	5,000		
CATHODIC PROTECTION	701			
H ₂ S WARNING SYSTEM	702			
OTHER	703		6,500	
SUB TOTAL		15,800	15,800	1,800
ESTIMATED TOTAL COST		121,800	121,800	77,000

*Rudy's
your copy*

Working Interest

SUPRON ENERGY CORPORATION	100%	% 121,800.00	77,000.00

Special Instructions

Operator SUPRON ENERGY CORPORATION

DATE 11/24/80 PREPARED BY _____
 APPROVED _____
Haskell Fleetwood, Vice President
 APPROVED _____
S. Muench, Exec. Vice President

PARTNER APPROVAL _____ DATE _____
 COMPANY _____
 BY _____