

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

2375

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

- NSL NSP DD SD

JUN - 4 1999

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

- DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

- WFX PMX SWD IPI EOR PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox
Print or Type Name

Kay Maddox
Signature

Regulatory Agent
Title

6/2/99
Date

DISTRICT I
 P O Box 1980, Hobbs, NM 88241 1980
 DISTRICT II
 811 Southl First St. Artesia NM 88210 2835
 DISTRICT III
 1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
 Energy, Minerals and Natural Rasources Department
OIL CONSERVATION DIVISION
 2040 S. Pacheco
 Santa Fe, New Mexico 87505-6429

Form C-107-A
 New 3-12-96

APPROVAL PROCESS:
 Administrative Hearing
 EXISTING WELLBORE
 YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease Jicarilla A Well No #22A Unit Ltr Sec Twp Rge Section 24, T-26-N, R-4-W, P County Rio Arriba, NM

OGRID NO. 005073 Property Code 18018 API NO. 30-039-22052 Spacing Unit Lease Types: (check 1 or more)
 Federal , State (and/or) Fee

The following facts ate submitted in support of downhole commingling:	Upper Zone	intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Tapacito Pictured cliffs 85920		Blanco Mesaverde 72319
2. TOP and Bottom of Pay Section (Perforations)	3931-3954'		5579-6201'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 330	a.	a. 575
	b(Original) 1175	b.	b. 1315
6. Oil Gravity (*API) or Gas BT Content	1300		1305
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-in give date and oil/gas/water rates of lsst production Note For new zones with no production hIStory applicant shad be required to attach production estimates and supporting dara • If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates	Date Rates
	4/99 24 MCFD, 0 BOPD, 0 BOWD	4/99 140 MCFD, 1 BOPD, 0 BOWD	
8. Fixed Percentage Allocation Formula - % or each zone	oil: 0 % Gas 22 %	oil: % Gas %	oil: 100 % Gas 78 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes No
 If not, have all working, overriding, and royalty interests been notified by certified mail? Yes No
 Have all offset operators been given written notice of the proposed downhole commingling? Yes No
11. Will cross-flow occur? Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. Yes No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each others Yes No
13. Will the value of production be decreased by commingling? Yes No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. Yes No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

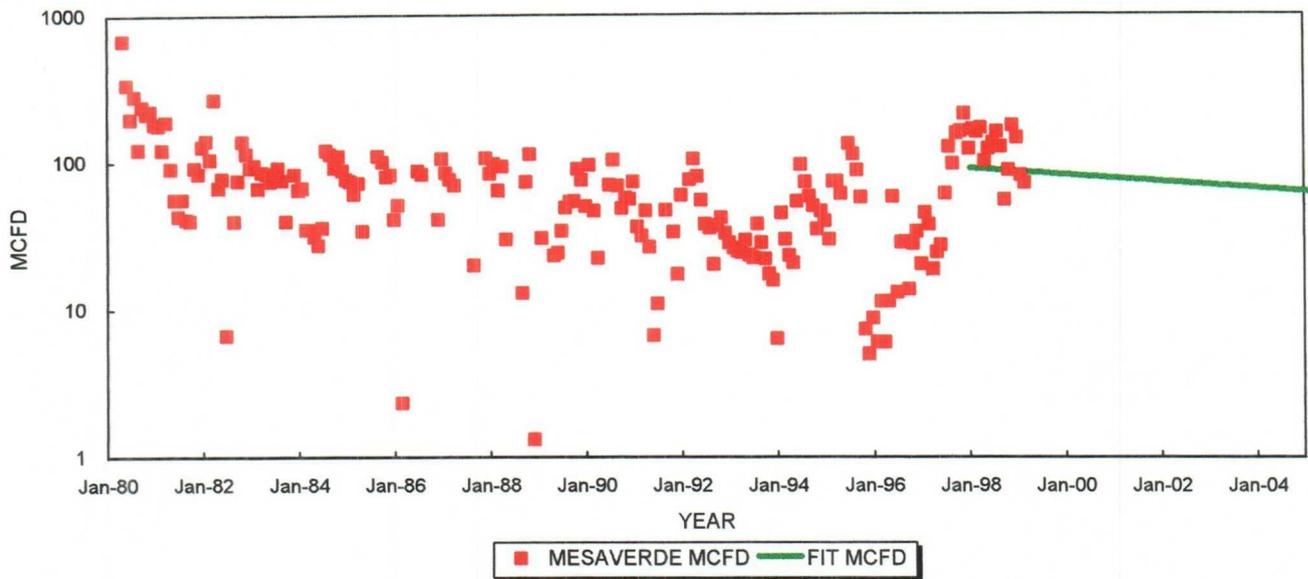
16. ATTACHMENTS
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - * Production curve for each zone for at least one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * Data to support allocation method or formula.
 - * Notification list of all offset operators.
 - * Notification list of working, overriding and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE June 2, 1999

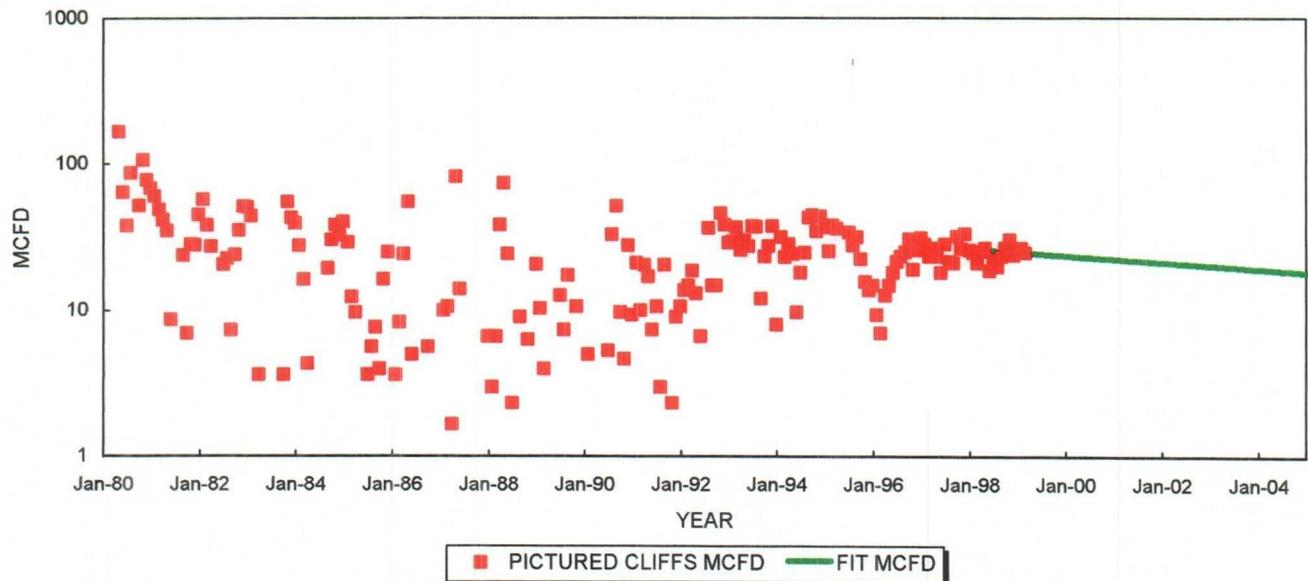
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

**JICARILLA A-22A MESAVERDE PRODUCTION
SECTION 32F-29N-08W, RIO ARRIBA COUNTY, NEW MEXICO**



MESAVERDE HISTORICAL DATA:		1ST PROD: 05/80	MESAVERDE PROJECTED DATA	
OIL CUM:	2.05	MBO	1/1/98 Qi:	90
GAS CUM:	448.2	MMCF	DECLINE RATE:	5.0%
OIL YIELD:	0.0046	BBL/MCF		MCFD (EXPONENTIAL)

**JICARILLA A-22A PICTURED CLIFFS PRODUCTION
SECTION 32F-29N-08W, RIO ARRIBA COUNTY, NEW MEXICO**



MESAVERDE HISTORICAL DATA:		1ST PROD: 05/80	PICTURED CLIFFS PROJECTED DATA	
OIL CUM:	0.0	MBO	1/1/98 Qi:	26
GAS CUM:	140.3	MMCF	DECLINE RATE:	5.0%
OIL YIELD:	0.000	BBL/MCF		MCFD (EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:		
	GAS	OIL
MESAVERDE	78%	100%
PICT. CLIFFS	22%	0%

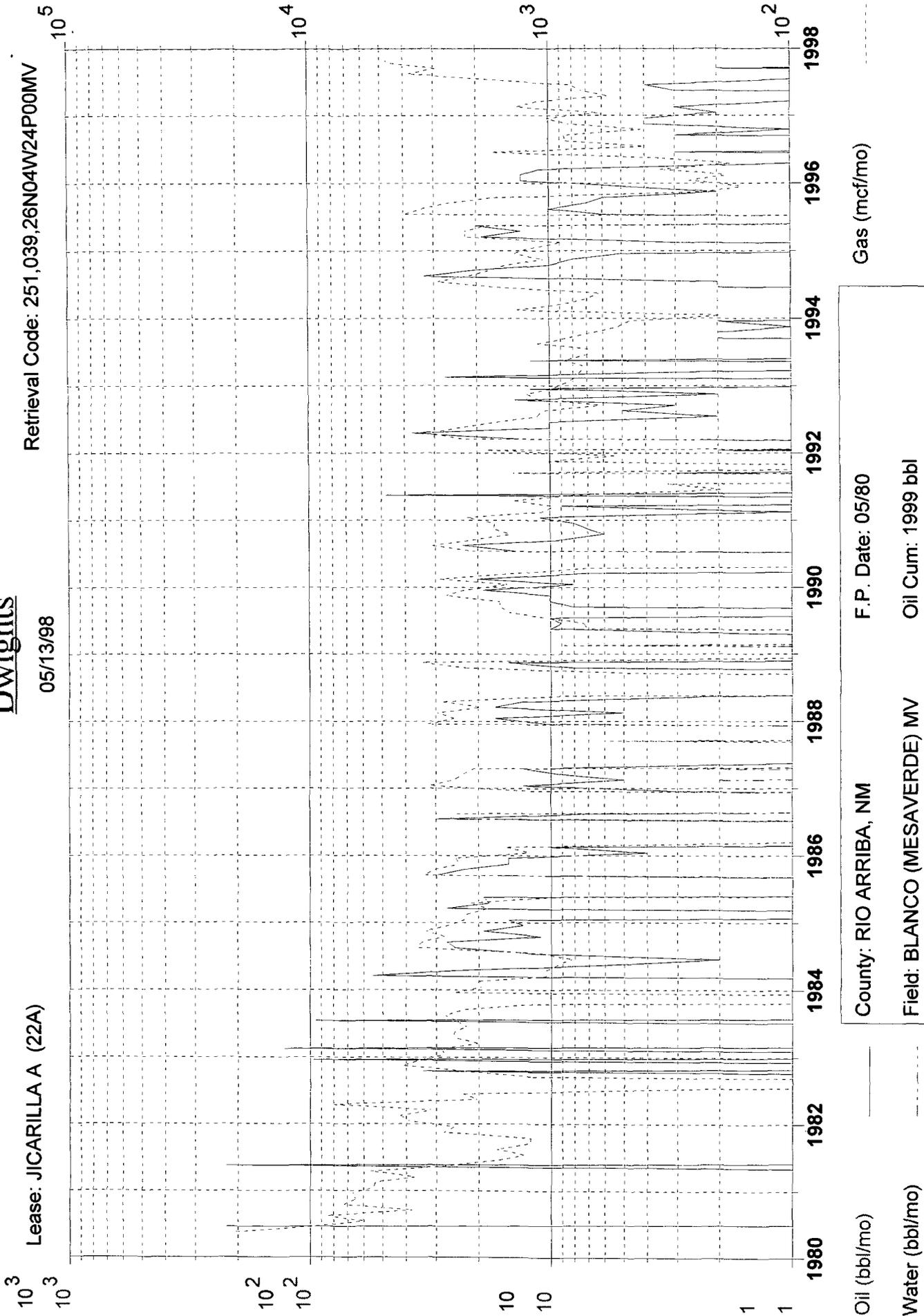
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

Dwights

Lease: JICARILLA A (22A)

05/13/98

Retrieval Code: 251,039,26N04W24P00MV



Oil (bbl/mo)

Water (bbl/mo)

Gas (mcf/mo)

County: RIO ARRIBA, NM

F.P. Date: 05/80

Field: BLANCO (MESAVERDE) MV

Oil Cum: 1999 bbl

Reservoir: MESAVERDE

Gas Cum: 385.9 mmcf

Operator: CONOCO INC

Location: 24P 26N 4W

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supra
Effect

All distances must be from the outer boundaries of Section.

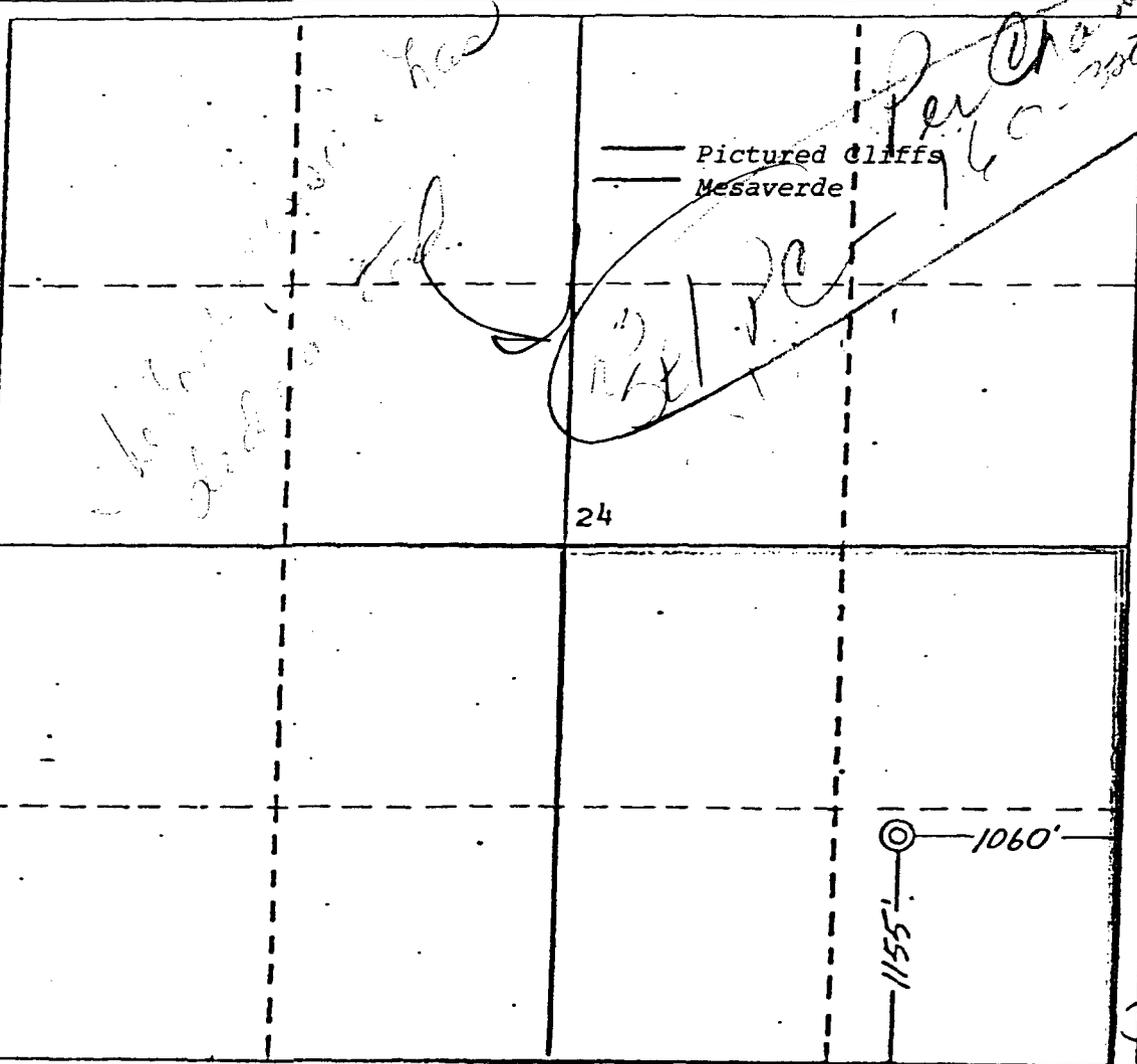
Operator SUPRON ENERGY CORPORATION		Lease JICARILLA "A"		Well No. 23
Unit Letter P	Section 24	Township 26 NORTH	Range 4 WEST	County RIO ARriba
Actual Footage Location of Well: 1155 feet from the SOUTH line and 1060 feet from the EAST line				
Ground Level Elev. 7270	Producing Formation MESAVERDE	Pictured Cliffs	Pool Tapacito BLANCO	Dedicated Acreage 51/2 320

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 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 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.

Rudy D. Motto
Name

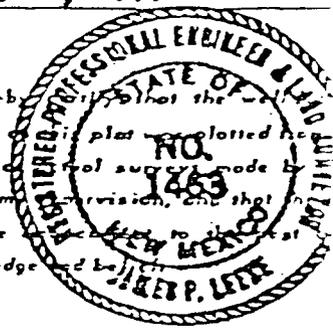
Rudy D. Motto
Position

Area Superintendent

Company
SUPRON ENERGY CORPORATION

Date
April 10, 1979

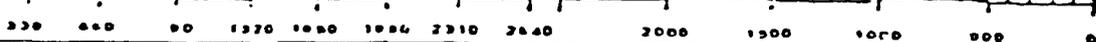
I hereby certify that the well shown on this plat was plotted hereunder my supervision, and that this is true to the best of my knowledge and belief.



Date Surveyed
4 April 1979

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

Certificate No.
1463



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 875

Form C-102
Revised 10-1-77

NOTE: NAME CHANGE from JICARILLA "A" 23
All distances must be from the outer boundaries of the Section.

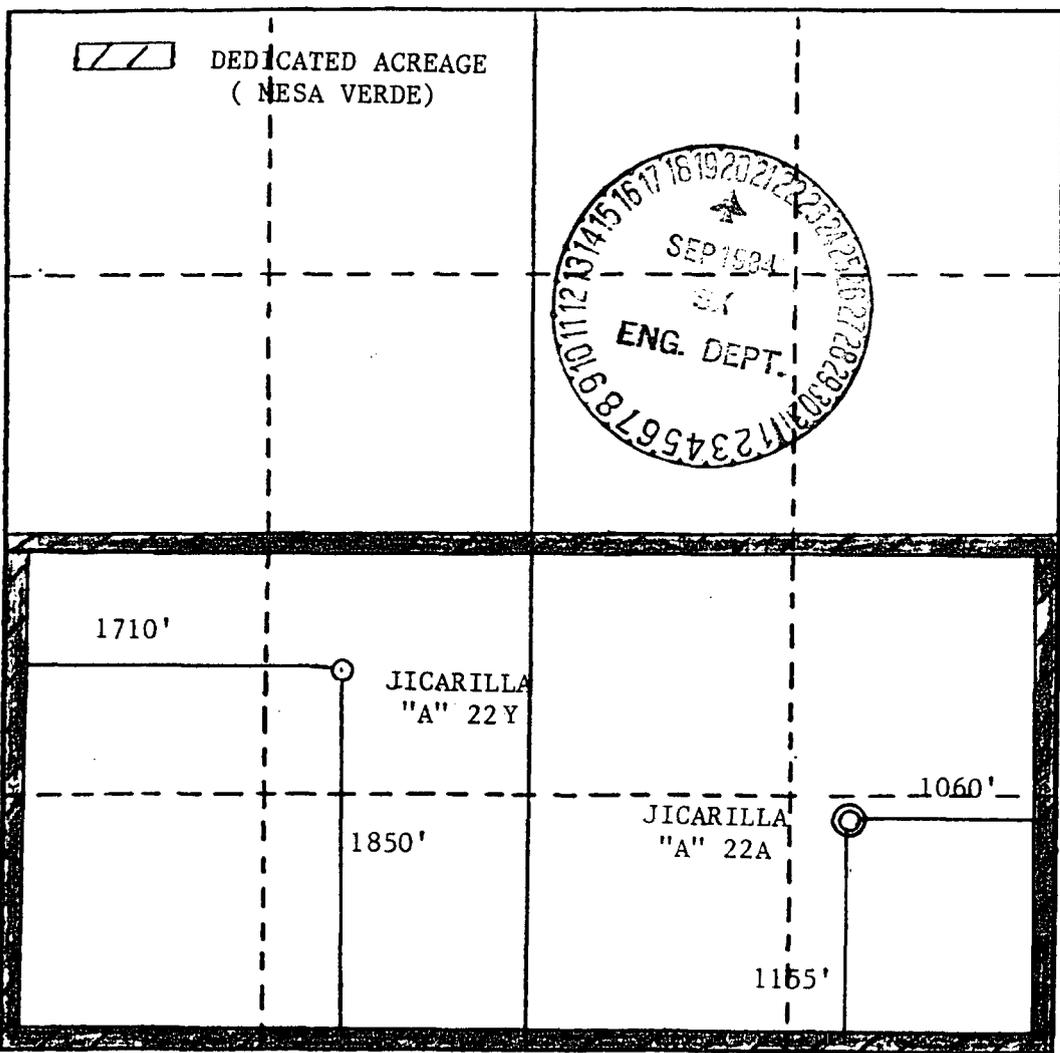
Operator SOUTHERN UNION EXPLORATION			Lease JICARILLA "A"		Well No. 22A
Unit Letter P	Section 24	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1155 feet from the SOUTH line and 1060 feet from the EAST line					
Ground Level Elev. 7270'	Producing Formation MESA VERDE		Pool BLANCO	Dedicated Acreage: S 1/2; 320 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 Division.



CERTIFICATION

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

Katherine F. Folk

Name
Katherine F. Folk

Position
Geologist

Company
Southern Union Exploration

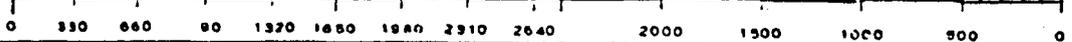
Date
September 19, 1984

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.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



Coff
PF

June 2, 1999

Jicarilla A #22A
Section 24, T-26-N, R-4-W, P
API # 30-039-22052
Rio Arriba , NM

RE: Application to Downhole Commingle (C107A)

Offset Operators:

Chateau Oil & Gas Inc.
5950 Berkshire Ln STE 275
Dallas, TX 75225

Burlington Resources
PO Box 4289
Farmington, NM 87499

A copy of the C-107A Application has been sent to the above listed parties.

Jicarilla A 22A

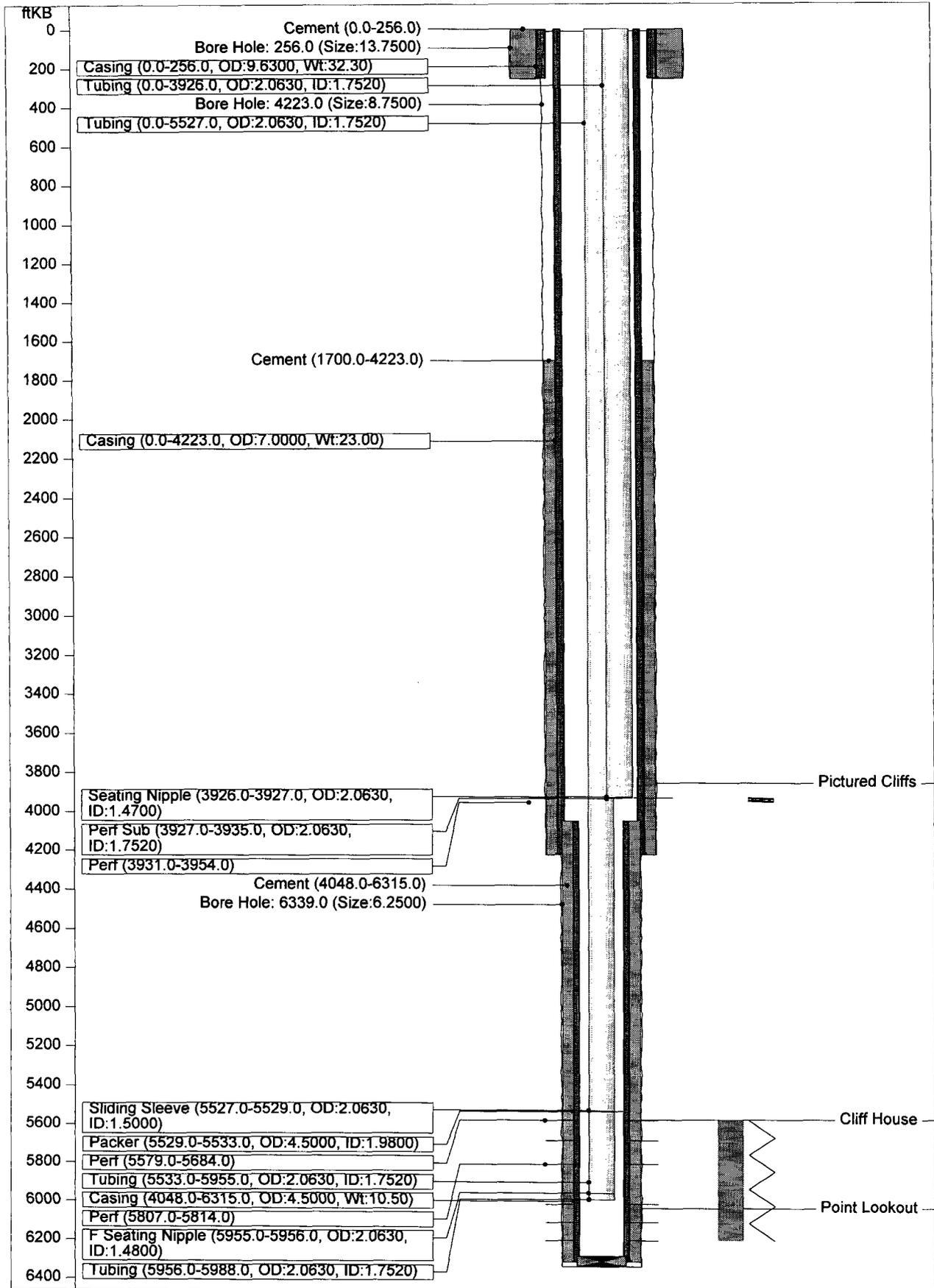
Economic/Rate Justification for Down Hole Commingling

Approval is requested to down hole commingle the existing zones in the subject well. The Jicarilla A 22A has a 4.5" production liner installed in 7" production casing. It is dually completed in the Mesa Verde and Picture Cliffs using two 2.06" tubing strings. Both zones produce some liquids and are producing well below the minimum critical rate required to unload liquids from the well bore. These low rates allow liquids to accumulate in the wellbore thereby preventing maximum production from this well. To optimize production it is recommended to pull the existing equipment from the well, and produce it using plunger lift in a single 2 3/8" tubing string. The expected production increase is estimated at 50 MCFD.

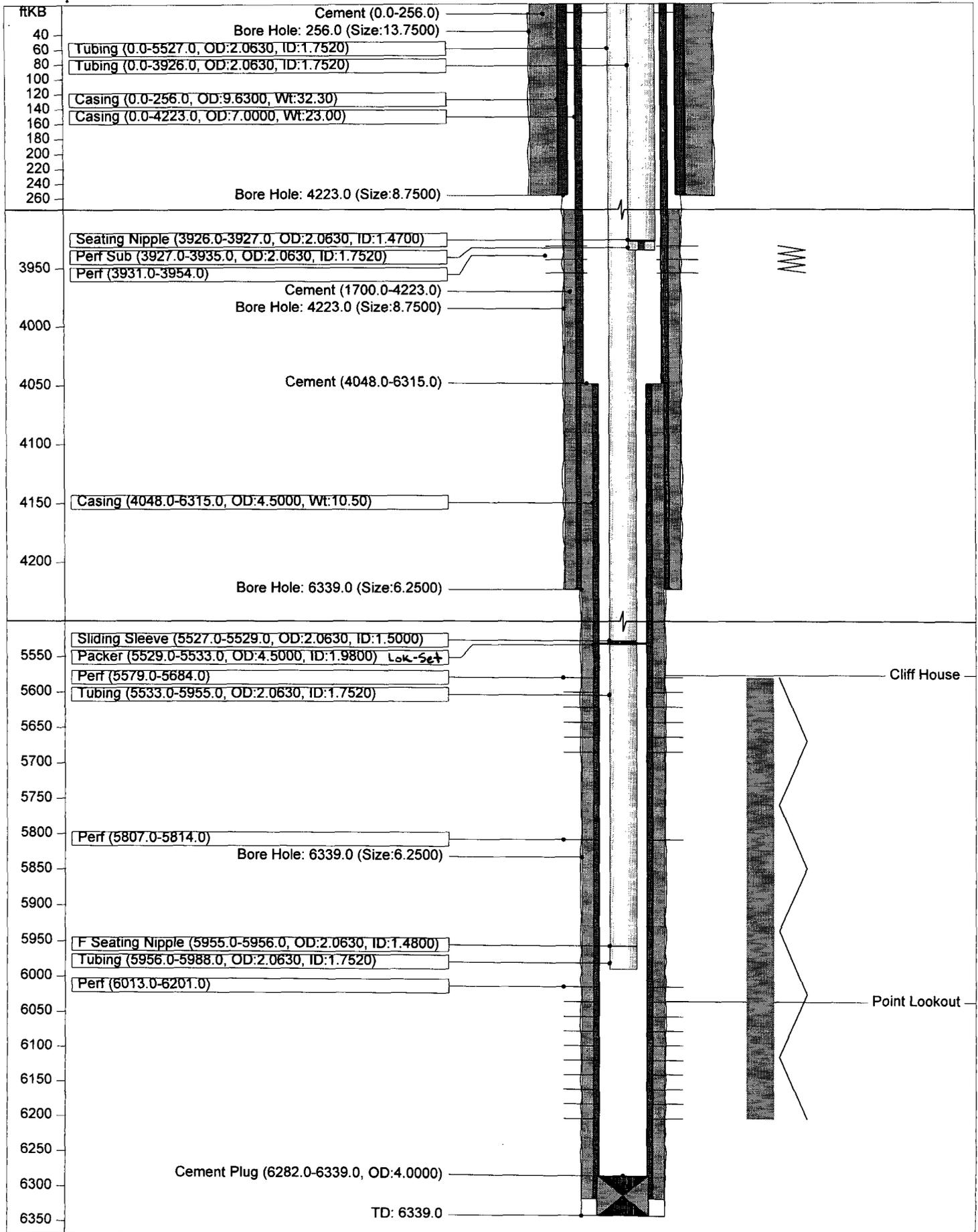
The single larger tubing string will not only allow for more efficient plunger operation, but will eliminate the cost to install a second plunger lift system and save approximately \$2000 per year in plunger lift operating expenses.

Production from these zones is established by ample production history. A production plot is attached showing best-fit projections of future production for each zone. Form 107A shows the subtraction method formula for allocation of production from each zone.

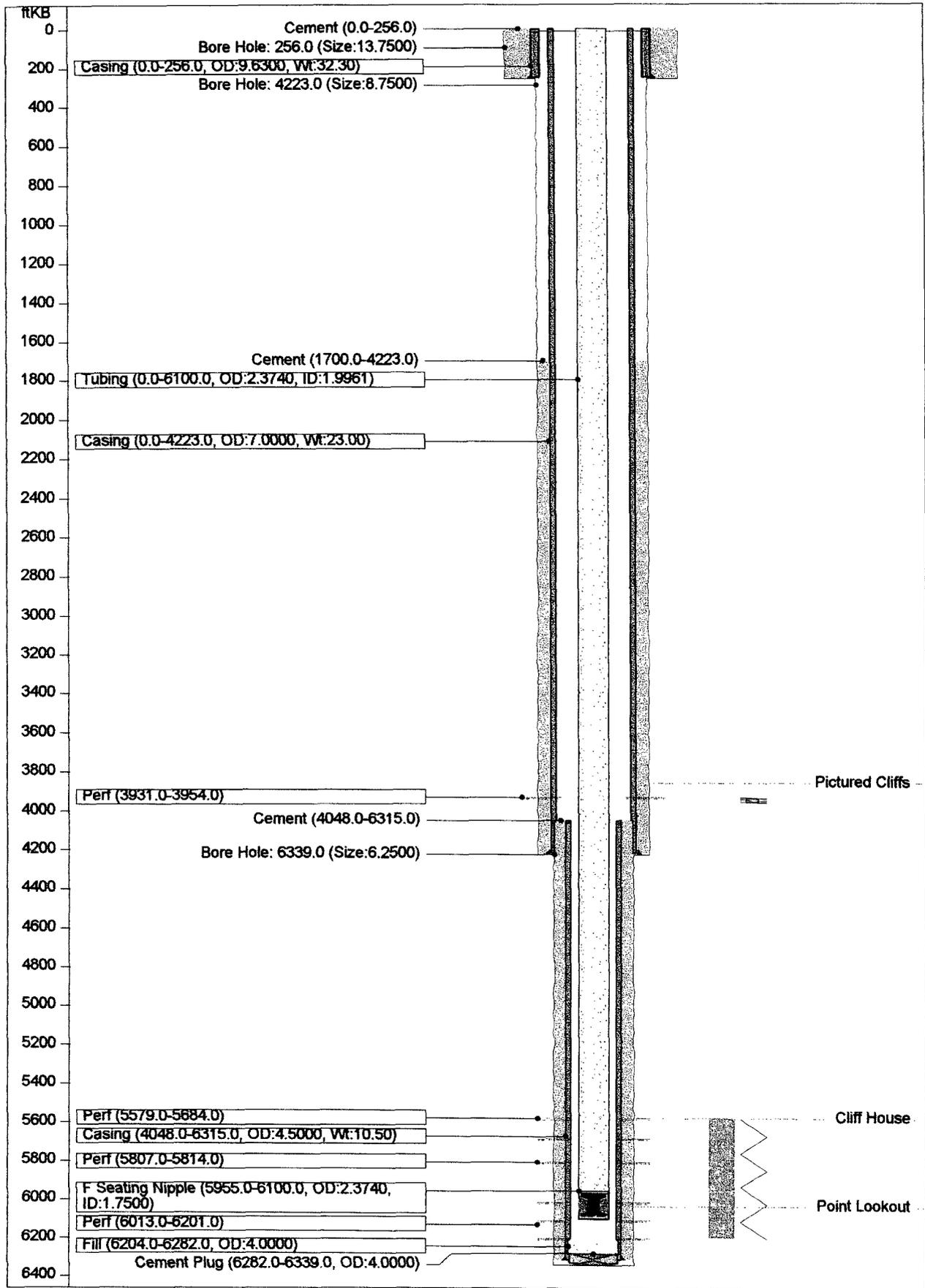
JICARILLA A 22A (GMH 8/20/97)



JICARILLA A 22A (GMH 8/20/97)



JICARILLA A 22A (Post DHC Work)



JICARILLA A 22A (GMH 8/20/97)

JICARILLA A 22A (GMH 8/20/97)								
API Code	300392205200			Field Code	676378819			
TD	6339.0 ftKB			Basin	SAN JUAN BASIN			
PBTD	6282.0 ftKB			Basin Code	580			
State	New Mexico			Permit	18-May-79			
County	RIO ARRIBA			Spud	19-Sep-79			
District	San Juan O.U.			Finish Dri	03-Oct-79			
Permit No.				Completion	04-Jan-80			
TD Measured	6339 ftKB			Abandon				
Reservoir	Pictured Cliffs/Mesaverde							
Field	BLANCO MV/TAPACITO PC							
Location								
Meridian	NM			Top Latitude	36.46782			
Township	26N			Top Longitude	107.1976			
Range	4W			Top NS Distance	1155.0 ft S			
Section	24			Top EW Distance	1060.0 ft E			
Quarter	SE SE			Bottom Latitude	0			
				Bottom Longitude	0			
				Btm NS Distance	0.0 ft			
				Btm EW Distance	0.0 ft			
Elevations								
KB	7283.0 ft			Cas Flng	0.0 ft			
Grd	7271.0 ft			Tub Head	0.0 ft			
KB-Grd	12.0 ft							
Bore Hole Data								
	Depth (ftKB)			Size (in)				
	256.0			13.7500				
	4223.0			8.7500				
	6339.0			6.2500				
Casing String - Surface Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
9.6300 in Casing	256.0	7	9.0000	32.30	H-40			
Casing String - Intermediate Casing								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
7.0000 in Casing	4223.0	111	6.3700	23.00	K-55	8rd		
Casing String - Production Liner								
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments	
4.5000 in Casing	6315.0	69	4.0500	10.50	K-55			
Casing Cement								
Casing String	Top (ftKB)	Amount (sx)	Comments					
Surface Casing	0.0	225	Cement circ					
Intermediate Casing	1700.0	280	TOC unknown, this is an estimate.					
Production Liner	4048.0	350	Cement circ					
Other (plugs, equip., etc.) - Plug Backs								
Date	Item	Int (ftKB)		Comments				
04-Dec-79	Cement Plug	6282.0 - 6339.0						
Perforations								
Date	Int	Shots (ft)	Type	Comments				
05-Dec-79	3931.0 - 3954.0	1.0		11 holes @ 3931, 34, 36, 38, 40, 44, 46, 48, 50, 52, 54.				
05-Dec-79	5579.0 - 5684.0	1.0		6 holes @ 5579, 99, 5637, 48, 76, 84				
05-Dec-79	5807.0 - 5814.0	1.0		2 holes @ 5807, 14.				
05-Dec-79	6013.0 - 6201.0	1.0		22 holes @ 6013, 16, 20, 26, 42, 54, 58, 64, 74, 77, 85, 93, 97, 6102, 04, 10, 23, 29, 77, 84, 92, 6201 all perms 5579-6201 shot in 500 G 7 1/2% HCl.				
Stimulations & Treatments								
Date	Type	Zone	Int	Fluid	Comments			
05-Dec-79	Fracture	Mesaverde	5579.0 - 6201.0	Water	87,150 G w/ 90,000# 20/40. BD @ 2200#, ATP=1600# @ 59 bpm.			
05-Dec-79	Acid Squeeze	Mesaverde	5579.0 - 6201.0	15% HCl	1000 G w/ 45 BS, good action, no BO.			
06-Dec-79	Fracture	Pictured Cliffs	3931.0 - 3954.0	Foam	9000 G 1% KCl & 493 mcf N2 w/ 30,000# 20/40. Spearhead w/ 500 G 15% HCl. BD @ 2200#, AIR=6.6 bw & 16 mcf/min, ISIP=1800#			
Tubing String - Tubing (MV)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.0630 in Tubing	0.0	5527.0	171	1.7520	3.25		IJ	
2.0630 in Sliding Sleeve	5527.0	2.0		1.5000	0.00		IJ	Baker Model L
4.5000 in Packer	5529.0	4.0		1.9800	0.00		IJ	
2.0630 in Tubing	5533.0	422.0	13	1.7520	3.25		IJ	
2.0630 in F	5955.0	1.0		1.4800	0.00		IJ	
Seating Nipple								
2.0630 in Tubing	5956.0	32.0	2	1.7520	3.25		IJ	

JICARILLA A 22A (GMH 8/20/97)

Tubing String - Tubing (PC)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.0630 in Tubing	0.0	3926.0	122	1.7520	3.25		IJ	
2.0630 in Seating Nipple	3926.0	1.0		1.4700	0.00		IJ	
2.0630 in Perf Sub	3927.0	8.0		1.7520	0.00		IJ	
Formation/Horizon Tops								
Top (ftKB)		Formation						
3856.0		Pictured Cliffs						
5576.0		Cliff House						
6033.0		Point Lookout						
Logs Run								
Date	Type	Int	Company		Comments			
28-Sep-79	IND	256.0 - 4206.0	Gearhart					
28-Sep-79	DEN	3200.0 - 4206.0	Gearhart					
03-Oct-79	IND, DEN	5100.0 - 6340.0	Gearhart					
03-Dec-79	GR-CBL	0.0 - 0.0	Gearhart		Not in Midland files			
Drilling Notes								
Date	Note							
29-Sep-79	Drill 6 1/4" hole w/ air							
General Notes								
Date	Note							
04-Jan-80	Initial Potential: Dual Completion PC:1020 MCFPD 1389 AOF SICP 430#/15D MV: 3780 MCFPD 7281 AOF SITP 1070							
19-Sep-84	Changed name from Jicarilla A 23 to Jicarilla A 22A							
01-Nov-95	Conoco assumed operations from Merit							

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "A"

9. WELL NO.

23 20-A

10. FIELD AND POOL, OR WILDCAT

Tapacito Pictured Cliffs

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

Sec. 24, T-26 N, R-4 W

N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. DESVR. 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 and in accordance with any State requirements)*
At surface 1155 ft./S ; 1060 ft./E line
At top prod. interval reported below Same as above.
At total depth Same as above.

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 9-19-79 16. DATE T.D. REACHED 10-3-79 17. DATE COMPL. (Ready to prod.) 1-3-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7282 R.K.B. 19. ELEV. CASINGHEAD 7270

20. TOTAL DEPTH, MD & TVD 6339 MD & TVD 21. PLUG, BACK T.D., MD & TVD 6282 MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 6339 CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

3931 - 3954 Pictured Cliffs MD & TVD

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
9-5/8"	32.30	256	13-3/4"	225 SX	
7"	23.00	4223	8-3/4"	280 SX	
4-1/2"	10.50	4048-6315	6-1/4"	350 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	4048	6315	350	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.0625	3935	5529

31. PERFORATION RECORD (Interval, size and number)
3931, 3934, 3936, 3938, 3940, 3944, 3946, 3948, 3950, 3952, 3954.

Total of 11 0.40" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3931 - 3954	500 gal. 15% HCL, 30,000 lb. of 10-20 sand, 9030 gal. 1% KCL water, & 492,700 SCG N ₂

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	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
1-3-80	3	3/4"	→		128		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
72	232	→		1020			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY Jerry Lowry

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 Kenneth E. Roddy

TITLE Production Superintendent

DATE January 4, 1980

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

**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 GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. ESVR. 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 and in accordance with any State requirements)*
At surface **1155 ft./S ; 1060 ft./E line**
At top prod. interval reported below **Same as above.**
At total depth **Same as above.**

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 105
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla "A"

9. WELL NO.
23

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 24, T-26N, R-4W, NME

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPURRED **9-19-79** 16. DATE T.D. REACHED **10-3-79** 17. DATE COMPL. (Ready to prod.) **1-3-80** 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* **7282 R.K.B.** 19. ELEV. CASINGHEAD **7270**

20. TOTAL DEPTH, MD & TVD **6339 MD & TVD** 21. PLUG, BACK T.D., MD & TVD **6282 MD & TVD** 22. IF MULTIPLE COMPL., HOW MANY* **2** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **0 - 6339** CABLE TOOLS **---**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5579 - 6201 Mesaverde 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
9-5/8"	32.30	256	13-3/4"	225 SX	
7"	23.00	4223	8-3/4"	280 SX	
4-1/2"	10.50	4048-6315	6-1/4"	350 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4048	6315	350		2.0625	5988	5529

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

5579, 5599, 5637, 5648, 5676, 5684, 5807, 5814, 6013, 6016, 6020, 6026, 6042, 6054, 6058, 6064, 6074, 6077, 6085, 6093, 6097, 6102, 6104, 6110, 6123, 6129, 6177, 6184, 6192, 6201 Total of 30 0.40" holes	DEPTH INTERVAL (MD) 5579 - 6201	AMOUNT AND KIND OF MATERIAL USED 1000 gal. 15% HCL, 90,000 lb. 20-40 sand, 87,150 gal. 1% KCL water.
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33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
		Shut In					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-27-79	3	3/4"	→		473		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
290		→		3780			

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 Kenneth E. Roddy TITLE Production Superintendent DATE January 4, 1980
Kenneth E. Roddy

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