

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
- 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

JUN - 4 1999

[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	<i>Kay Maddox</i>	Regulatory Agent	6/2/99
Print or Type Name	Signature	Title	Date

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241 1980

DISTRICT II
811 South First St. Artesia NM 88210 2835

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico
Energy, Minerals and Natural Resources 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 are 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	a. (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	330		575
Gas & Oil - Flowing: Measured Current	b. (Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	1175		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 last production	Date Rates	Date Rates	Date Rates
Note For new zones with no production history applicant should be required to attach production estimates and supporting data			
• If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates 4/99 24 MCFD, 0 BOPD, 0 BOWD	Date Rates 4/99 140 MCFD, 1 BOPD, 0 BOWD	Date Rates 4/99 140 MCFD, 1 BOPD, 0 BOWD
8. Fixed Percentage Allocation Formula - % for 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

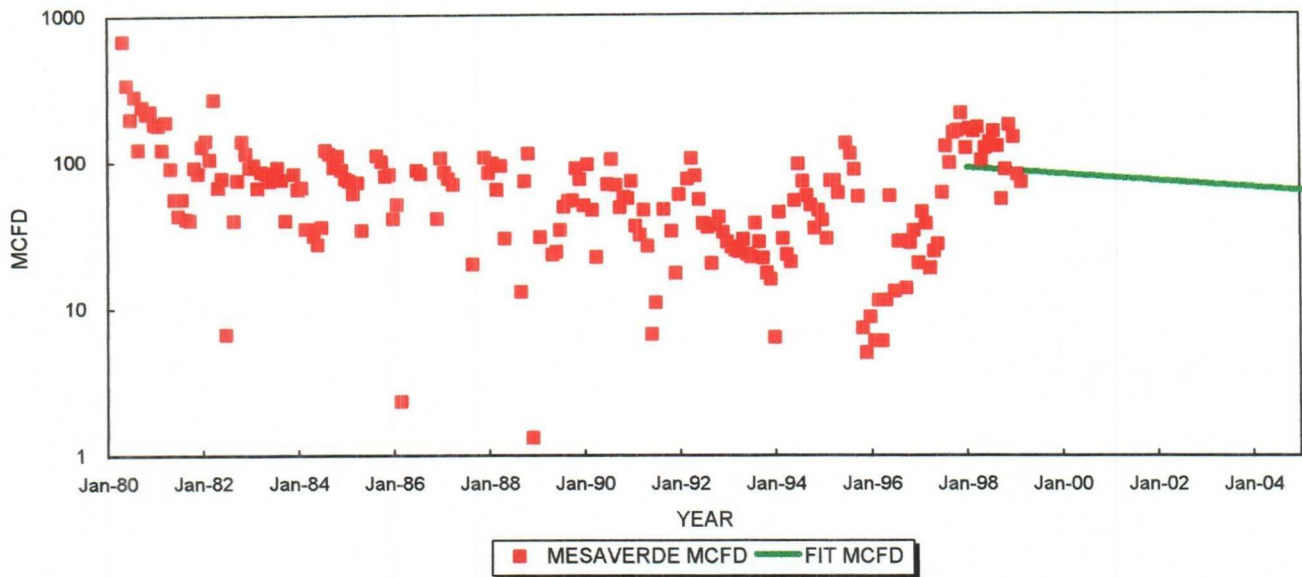
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation 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**



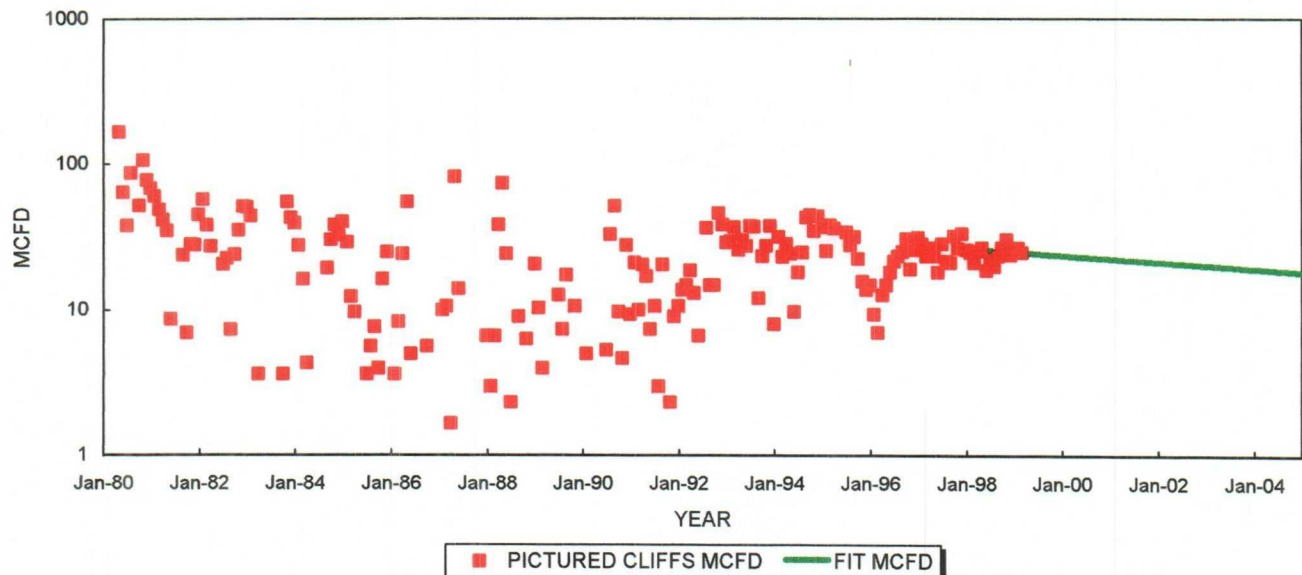
MESAVERDE HISTORICAL DATA: 1ST PROD: 05/80

OIL CUM:	2.05	MBO
GAS CUM:	448.2	MMCF
OIL YIELD:	0.0046	BBL/MCF

MESAVERDE PROJECTED DATA

1/1/98 Qi:	90	MCFD
DECLINE RATE:	5.0%	(EXPONENTIAL)

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



MESAVERDE HISTORICAL DATA: 1ST PROD: 05/80

OIL CUM:	0.0	MBO
GAS CUM:	140.3	MMCF
OIL YIELD:	0.000	BBL/MCF

PICTURED CLIFFS PROJECTED DATA

1/1/98 Qi:	26	MCFD
DECLINE RATE:	5.0%	(EXPONENTIAL)

FIXED COMMINGLE ALLOCATION FACTORS:

	GAS	OIL
MESAVERDE	78%	100%
PICT. CLIFFS	22%	0%

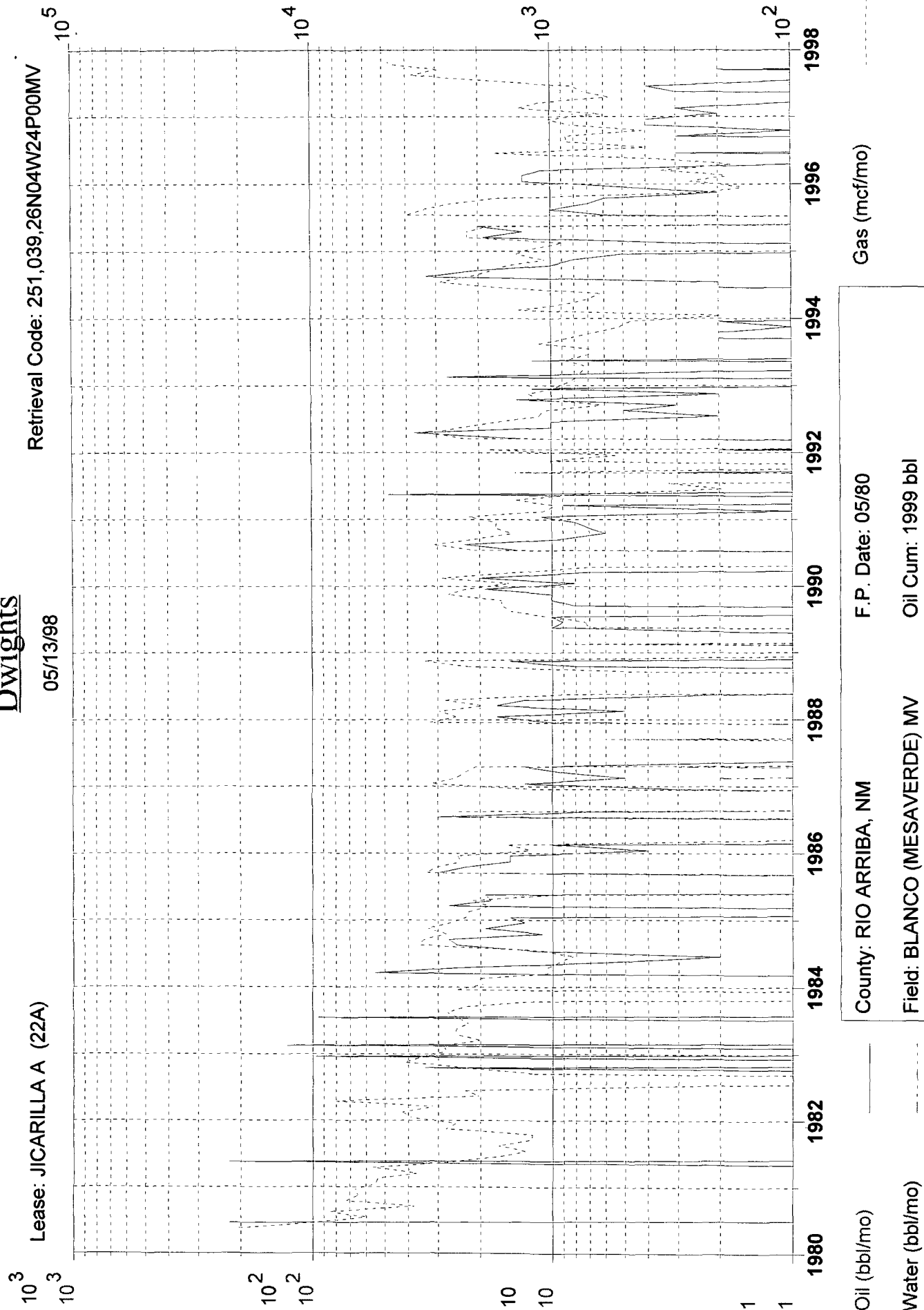
NOTE: ALL PRODUCTION DATA FROM DWIGHTS ENERGYDATA

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

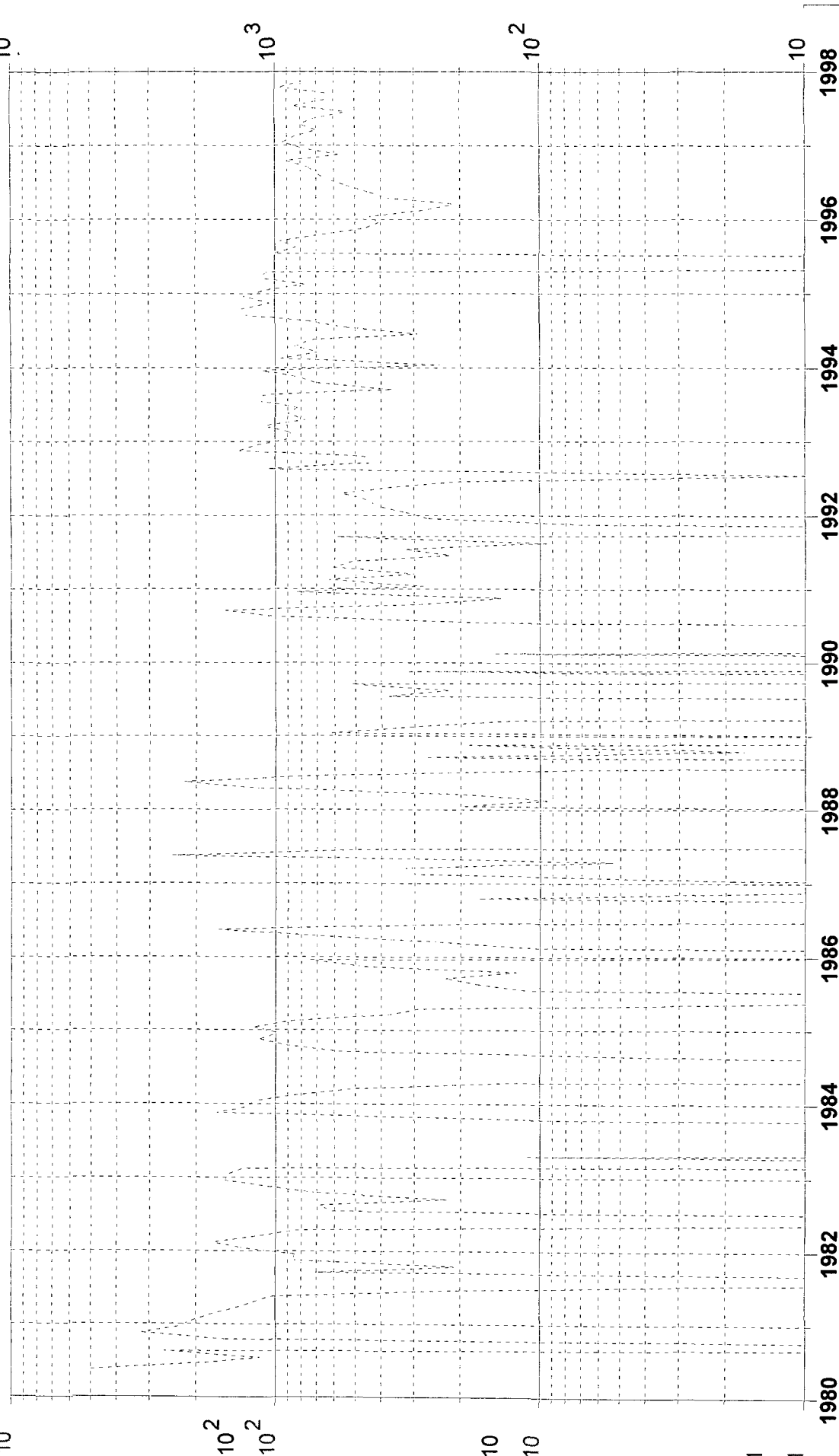
Dwights

Lease: JICARILLA A (22A)

Retrieval Code: 251,039,26N04W24P00PC

05/13/98

10³
10³
10⁴



Oil (bbl/mo)

Water (bbl/mo)

Gas (mcf/mo)

F.P. Date: 05/80

Oil Cum: 10 bbl

Gas Cum: 128.3 mmcf

Location: 24P 26N 4W

County: RIO ARriba, NM

Field: TAPACITO (PICTURED CLIFFS)

Reservoir: PICTURED CLIFFS

Operator: CONOCO INC

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supplemental
Effects

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

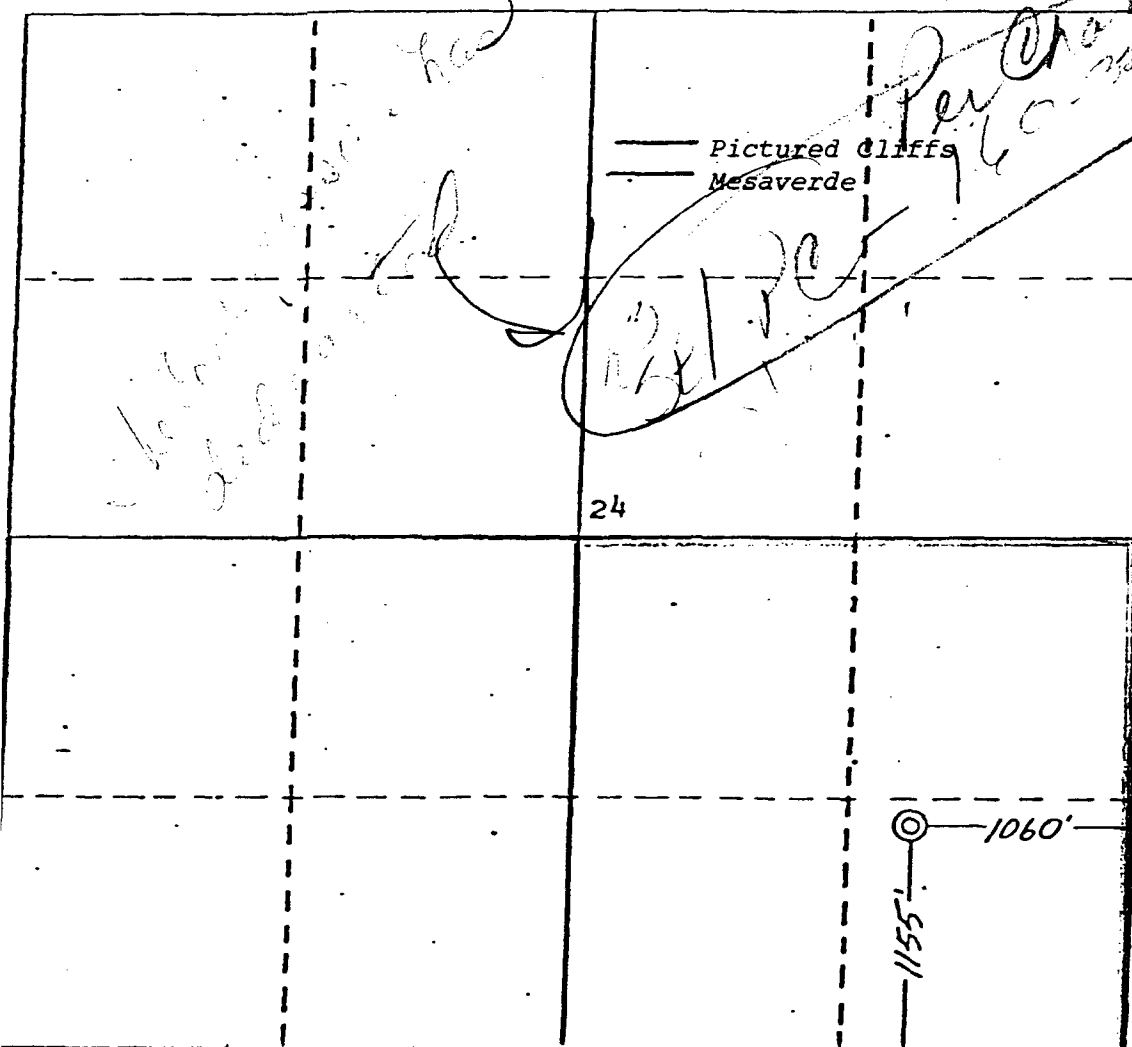
Operator SUPRON ENERGY CORPORATION			Lease JICARILLA "A"		Well No. 23
Unit Letter P	Section 24	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well:					
1155 feet from the SOUTH line and		1060 feet from the EAST line			
Ground Level Elev. 7270	Producing Formation MESAVERDE	Pictured Cliffs	Pool Tapacito BLANCO	Dedicated Acreage S1/2 320	

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

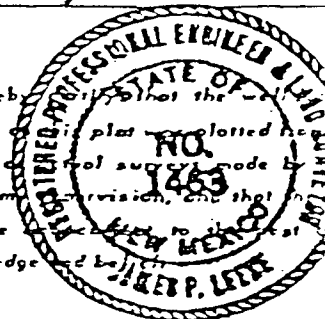
Company

SUPRON ENERGY CORPORATION

Date

April 10, 1979

I hereby certify that the information shown on this plat was plotted from notes of a professional survey made by me or under my supervision, and that it 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

320 640 960 1280 1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 5120 5440 5760 6080 6400

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 875

Form C-102
Revised 10-1-77NOTE: NAME CHANGE from JICARILLA "A" 23
All distances must be from the outer boundaries of the Section.

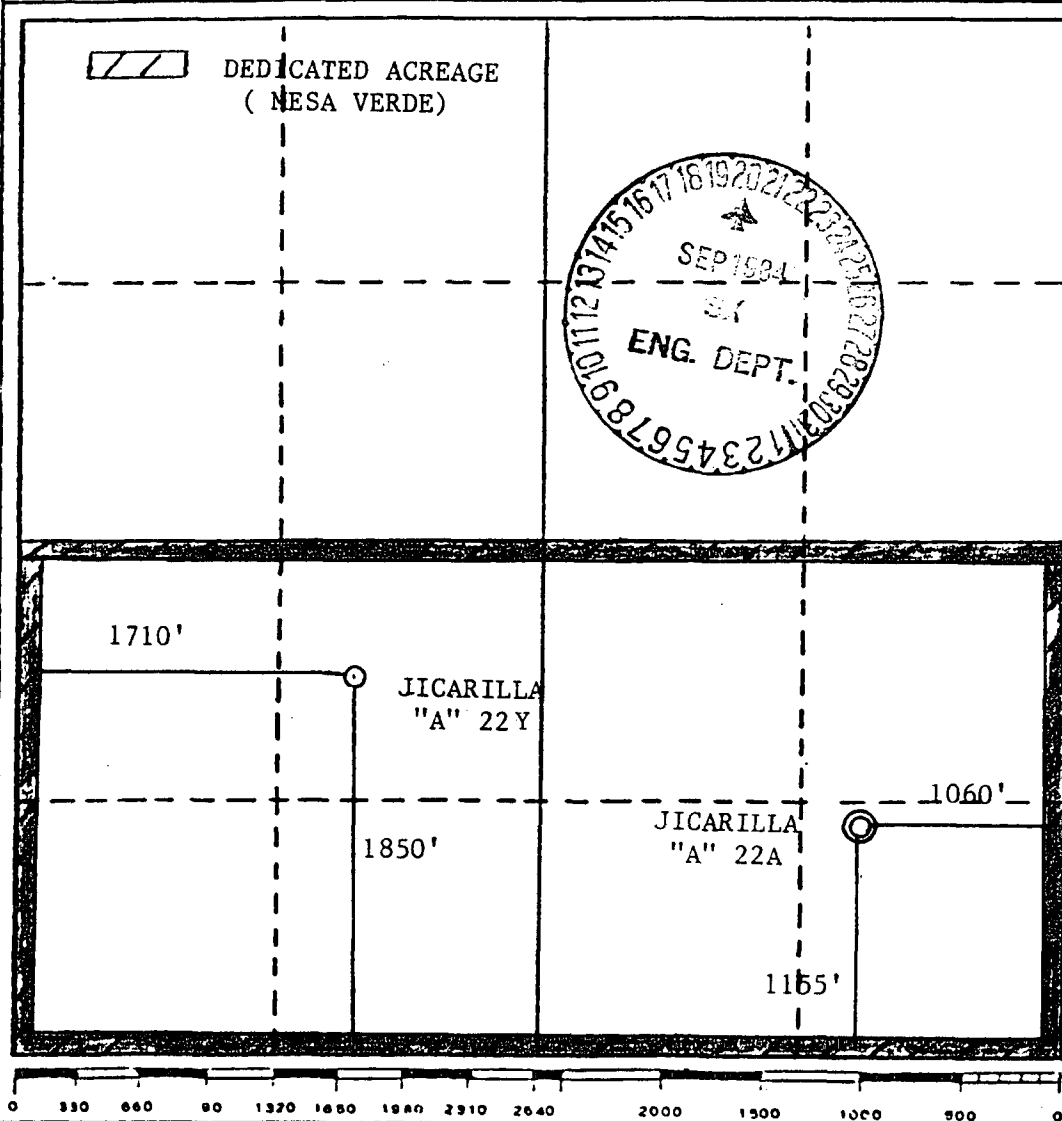
Operator SOUTHERN UNION EXPLORATION			Lease JICARILLA "A"		Well No. 22A
Unit Letter P	Section 24	Township 26 NORTH	Range 4 WEST	County RIO ARriba	
Actual Footage Location of Well: 1155 feet from the SOUTH line and 1060 feet from the EAST line					
Ground Level Elev. 7270'	Producing Formation MESA VERDE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

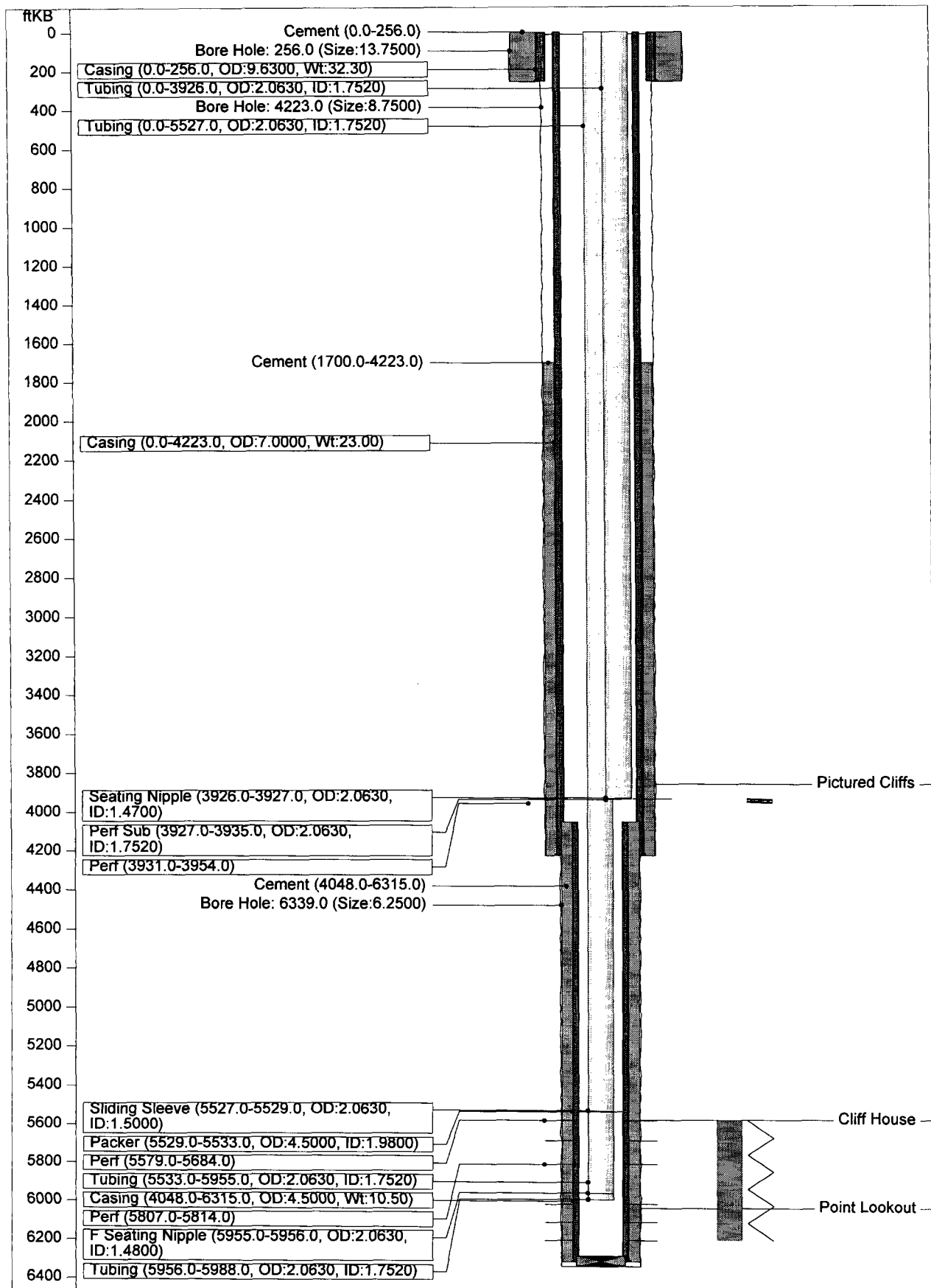
Economic/Rate Justification for Down Hole Commingling

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.

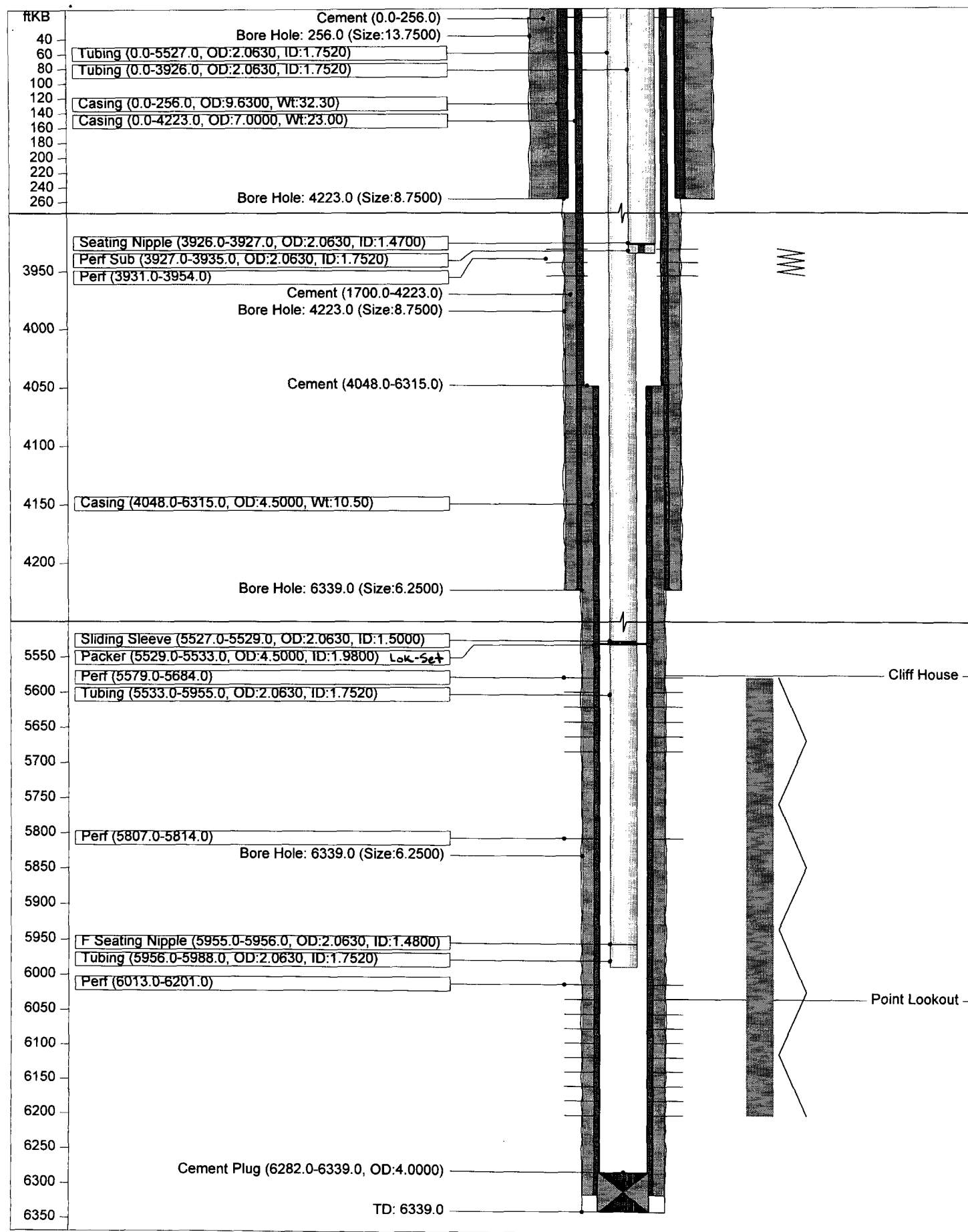
The single larger tubing string will not only allow for more efficient plunger operation, but will eliminate the cost to install a second plunger lift system and save approximately \$2000 per year in plunger lift operating expenses.

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.

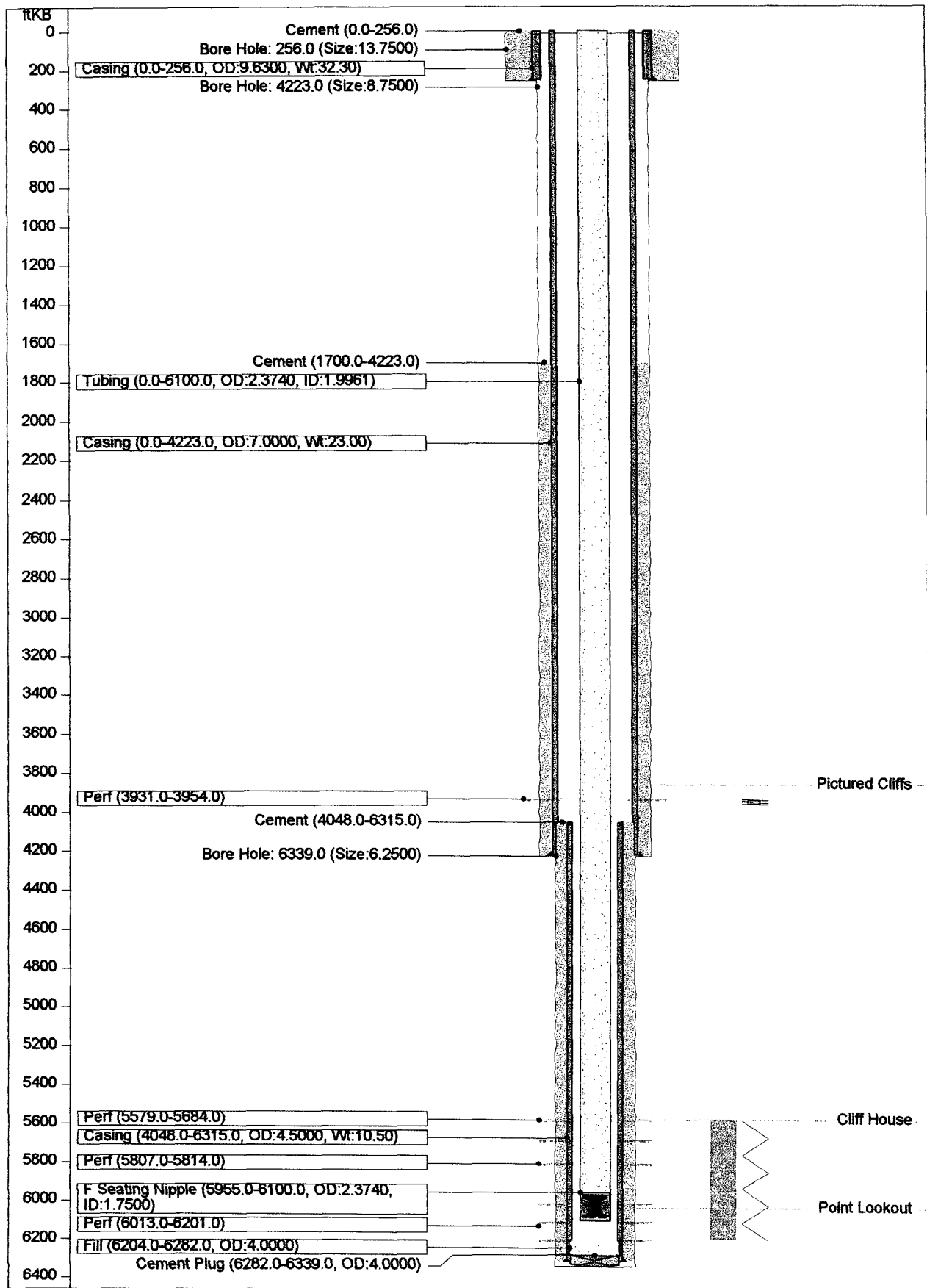
JICARILLA A 22A (GMH 8/20/97)



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					
Twnship	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 Fing	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 in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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. 105	
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. DESVR. <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 "A"	
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.				9. WELL NO. 23 22-A	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs	
15. DATE SPUDDED 9-19-79 16. DATE T.D. REACHED 10-3-79 17. DATE COMPL. (Ready to prod.) 1-3-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T-26 N, R-4 W	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7282 R.K.B.				12. COUNTY OR PARISH Rio Arriba	
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				13. STATE New Mexico	
23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 6339 CABLE TOOLS --				19. ELEV. CASINGHEAD 7270	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3931 - 3954 (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
9-5/8"	32.30	256	13-3/4"	225 SX	AMOUNT PULLED
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.
1-3-80	3	3/4"	→		128
WATER—BBL.	GAS-OIL RATIO				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
72	232	→		1020	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <u>Contract No. 105</u>																									
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 <u>Jicarilla Apache</u>																									
2. NAME OF OPERATOR <u>SUPRON ENERGY CORPORATION</u>		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR <u>P.O. Box 808, Farmington, New Mexico 87401</u>		8. FARM OR LEASE NAME <u>Jicarilla "A"</u>																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>1155 ft./S ; 1060 ft./E line</u> At top prod. interval reported below <u>Same as above.</u> At total depth <u>Same as above.</u>		9. WELL NO. <u>23</u>																									
14. PERMIT NO.		DATE ISSUED																									
15. DATE SPURRED <u>9-19-79</u>		16. DATE T.D. REACHED <u>10-3-79</u>																									
17. DATE COMPL. (Ready to prod.) <u>1-3-80</u>		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* <u>7282 R.K.B.</u>																									
19. ELEV. CASINGHEAD <u>7270</u>		10. FIELD AND POOL, OR WILDCAT <u>Blanco Mesaverde</u>																									
20. TOTAL DEPTH, MD & TVD <u>6339 MD & TVD</u>		21. PLUG, BACK T.D., MD & TVD <u>6282 MD & TVD</u>																									
22. IF MULTIPLE COMPL., HOW MANY* <u>2</u>		23. INTERVALS DRILLED BY <u>0 - 6339</u>																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>5579 - 6201 Mesaverde MD & TVD</u>		25. WAS DIRECTIONAL SURVEY MADE <u>No</u>																									
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Induction Electric and Compensated Density</u>		27. WAS WELL CORED <u>No</u>																									
28. CASING RECORD (Report all strings set in well)																											
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DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)																									
DATE OF TEST <u>12-27-79</u>		HOURS TESTED <u>3</u>																									
CHOKE SIZE <u>3/4"</u>		PROD'N. FOR TEST PERIOD <u>473</u>																									
OIL—BBL.		GAS—MCF.																									
WATER—BBL.		GAS-OIL RATIO																									
FLOW. TUBING PRESS. <u>290</u>		CASING PRESSURE <u>3780</u>																									
CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)																									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Vented</u>		TEST WITNESSED BY <u>Doyal Parret</u>																									
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
Kenneth E. RoddyTITLE Production SuperintendentDATE January 4, 1980

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