

Attachment for Item III on Form C-108:

DATA REQUIRED FOR EACH OF THE
INITIAL INJECTION WELLS

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
EXHIBIT NO.	3
CASE NO.	9738

INJECTION WELL DATA SHEET

Kelt Oil & Gas, Inc.
OPERATORCrosby "B" Federal
LEASE1
WELL NO.1980 FNL & 1980 FEL
FOOTAGE LOCATION9
SECTION8 South
TOWNSHIP30 East
RANGE

Schematic

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 300 sx.TOC Surface feet determined by CirculatedHole size 11"

Intermediate Casing N. A.

Size _____ " Cemented with _____ sx.

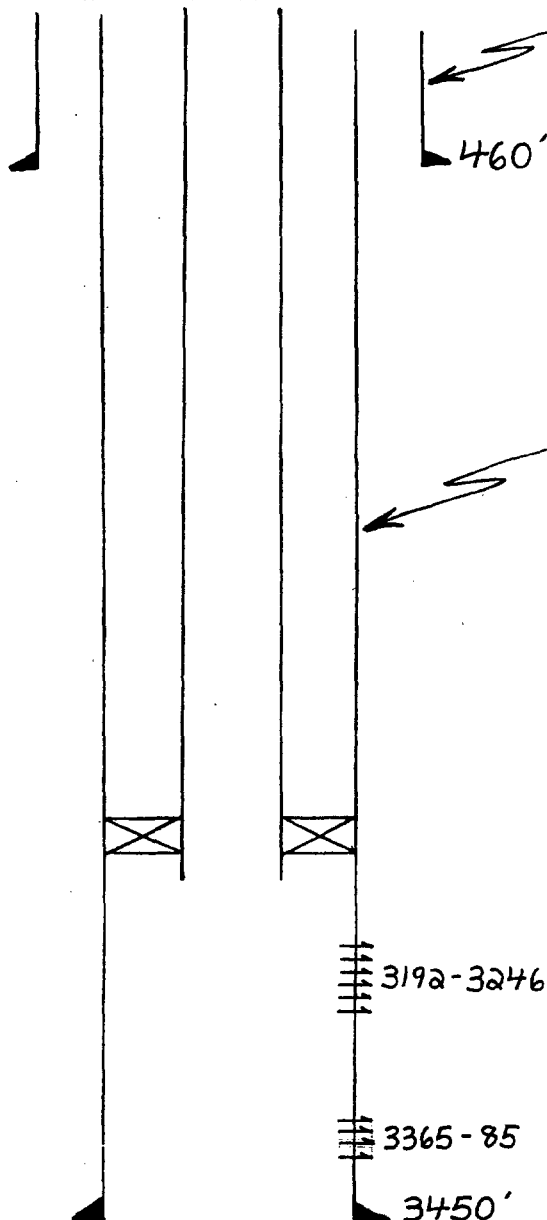
TOC _____ feet determined by _____

Hole size _____

Long string

Size 4 1/2 " Cemented with 800 sx.TOC 891 feet determined by CalculatedHole size 7 7/8"Total depth 3450 feet

Injection interval: Perforated

3192 feet to 3385 feet
(perforated or open-hole, indicate which)Tubing size 2 3/8" J-55 lined with Plastic set in a
(material)Baker Model AD-1 packer at approx. 3150 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) Cato
- Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? Oil & gas production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Lightcap Field (Devonian) occurring at depth of 7900 feet

INJECTION WELL DATA SHEET

Kelt Oil & Gas, Inc.

UT Crosby "1"

OPERATOR

LEASE

5 1980 FSL & 660 FEL 9 8 South 30 East
WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 300 sx.TOC Surface feet determined by CirculatedHole size 12 1/4"

Intermediate Casing N. A.

Size _____ " Cemented with _____ sx.

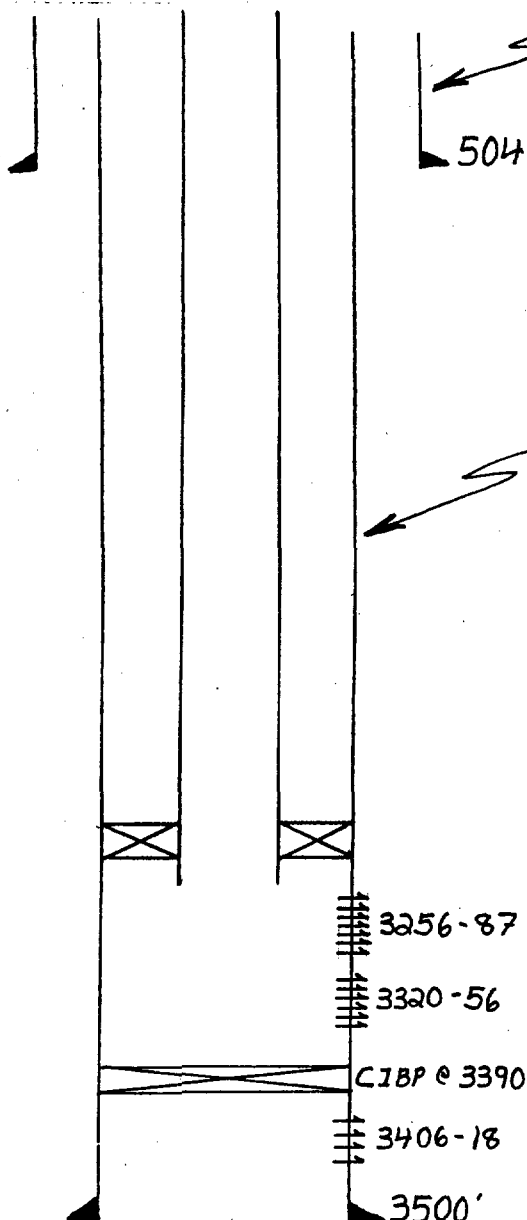
TOC _____ feet determined by _____

Hole size _____

Long string

Size 4 1/2 " Cemented with 300 sx.TOC 2300 feet determined by Temp. SurveyHole size 7 7/8"Total depth 3500 feet

Injection interval: Perforated

3256 feet to 3356 feet
(perforated or open-hole, indicate which)Tubing size 2 3/8" J-55 lined with Plastic set in a
(material)Baker Model AD-1 packer at approx. 3225 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) Cato
- Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? Oil & gas production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Yes. Lowest producing interval of San Andres--P3 zone--from 3406-18 feet. Closed-off from production with CIBP set at 3390 feet.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Lightcap Field (Devonian) occurring at depth of 7900 feet

INJECTION WELL DATA SHEET

Kelt Oil & Gas, Inc.		UT Winkler Federal	
OPERATOR		LEASE	
2	660 FNL & 660 FEL	9	8 South
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP
			30 East
			RANGE

Schematic

Tabular Data

Surface Casing

Size 8 5/8 " Cemented with 300 sx.
 TOC Surface feet determined by Circulated
 Hole size 12 1/4"

Intermediate Casing N. A.

Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____

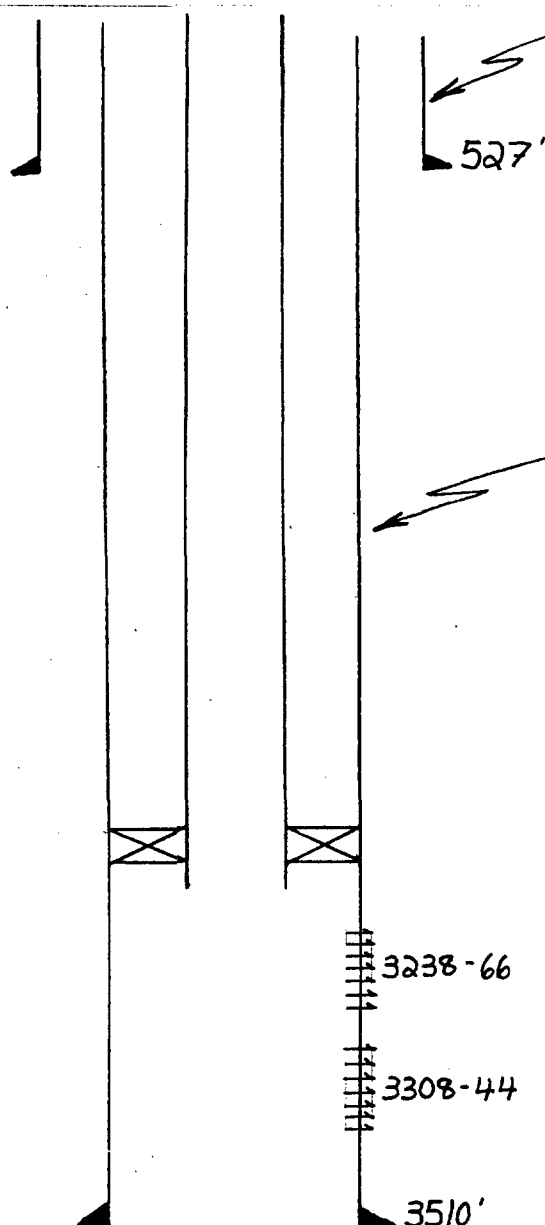
Long string

Size 5 1/2 " Cemented with 225 sx.
 TOC 2390 feet determined by Temp. Survey
 Hole size 7 7/8"

Total depth 3510

Injection interval: Perforated

3238 feet to 3344 feet
 (perforated or open-hole, indicate which)



Tubing size 2 3/8" J-55 lined with Plastic set in a
 (material)

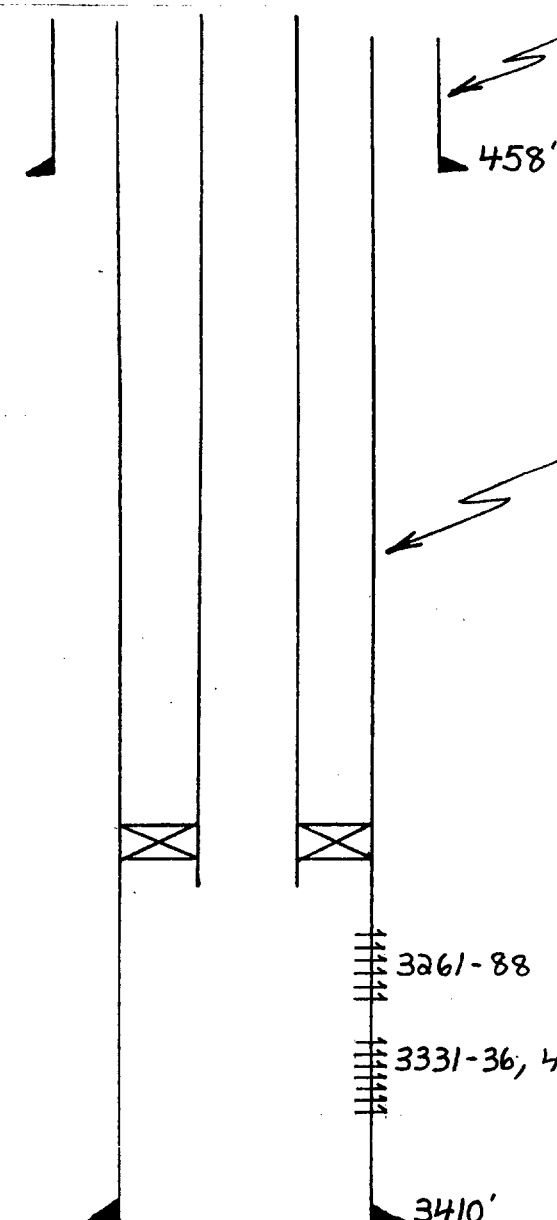
Baker Model AD-1 packer at approx. 3200 feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) Cato
- Is this a new well drilled for injection? ☐ Yes ☒ No
 If no, for what purpose was the well originally drilled? Oil & gas production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Lightcap Field (Devonian) occurring at depth of 7900 feet

INJECTION WELL DATA SHEET

Kelt Oil & Gas, Inc.
OPERATORQueen
LEASE2
WELL NO.1980 FNL & 660 FWL
FOOTAGE LOCATION10
SECTION8 South
TOWNSHIP30 East
RANGESchematicTabular DataSurface CasingSize 8 5/8 " Cemented with 300 sx.TOC Surface feet determined by CirculatedHole size 12 1/4"Intermediate Casing N. A.

Size _____ " Cemented with _____ sx.

TOC _____ feet determined by _____

Hole size _____

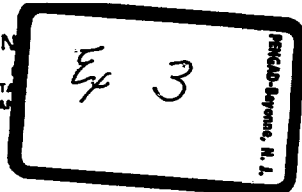
Long stringSize 4 1/2 " Cemented with 800 sx.TOC 851 feet determined by CalculatedHole size 7 7/8"Total depth 3410 feet

Injection interval: Perforated

3261 feet to 3380 feet
(perforated or open-hole, indicate which)Tubing size 2 3/8" J-55 lined with Plastic set in a
(material)Baker Model AD-1 packer at approx 3230 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data1. Name of the injection formation San Andres2. Name of Field or Pool (if applicable) Cato3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? Oil & gas production4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) No5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Lightcap Field (Devonian) occurring at depth of 7900 feet



Case 9738

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☒ no
- II. Operator: Kelt Oil & Gas, Inc.
Address: P.O. Box 1493, Roswell, New Mexico 88202
Contact party: Mark A. Degenhart Phone: (505) 398-6166 or 622-5324
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification
- I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- Name: Mark A. Degenhart Title: Petroleum Engineer
Signature: Mark A. Degenhart Date: July 11, 1989
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

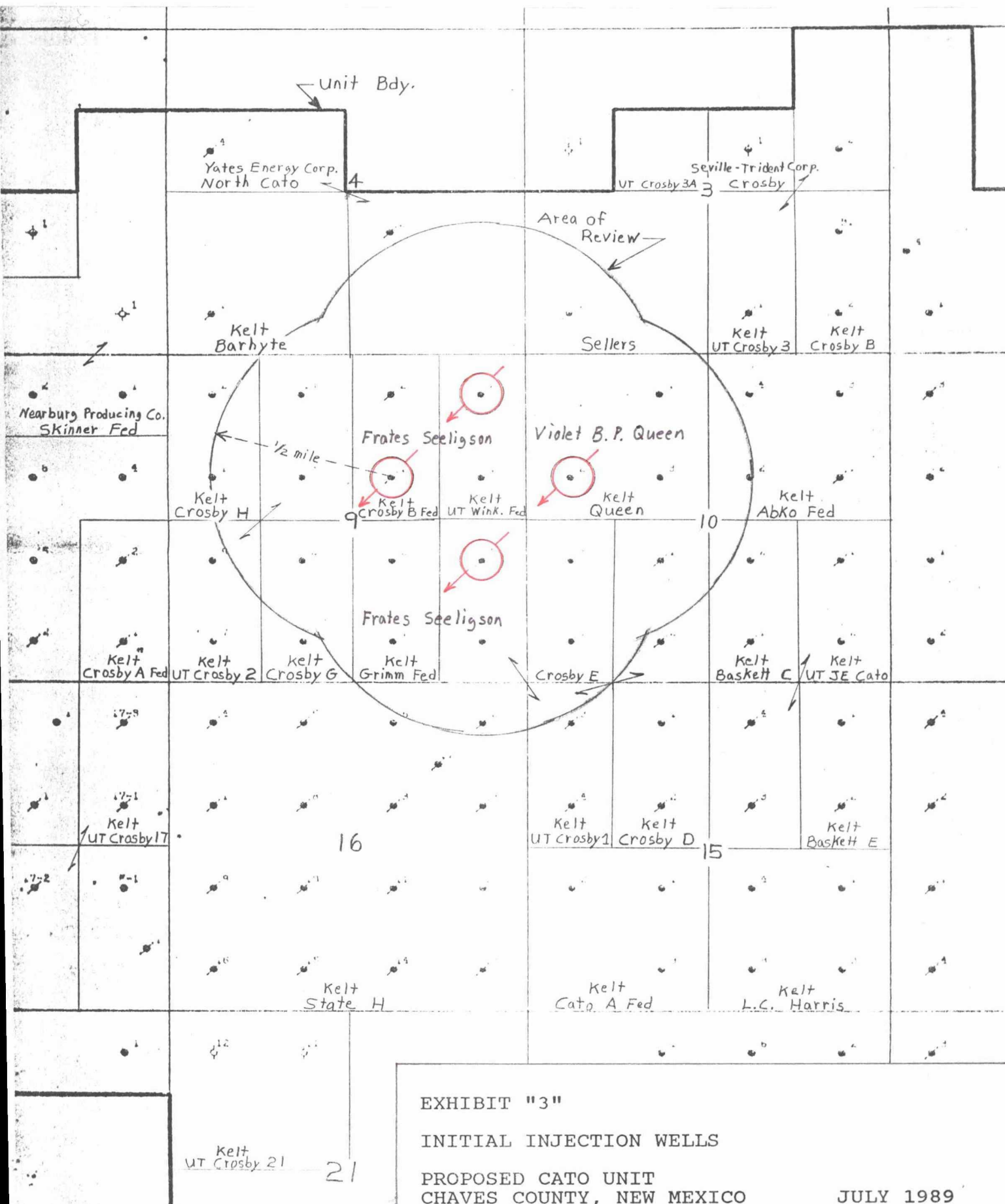


EXHIBIT D - PROPOSED CATO UNIT, CHAVES COUNTY, NEW MEXICO

Last Revision: 12 May 89

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase 1	Phase 11
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***** Federal Leases *****

1	Hodges Fed Hodges Fed Hodges A Fed Hodges B Fed Hodges C Fed Eastland Hodges Fed (N) Eastland Hodges Fed (S)	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	11.06006762	10.02344457
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2	Conley Fed	Quanico Oil & Gas, Inc. 100%	Kelt New Mexico, Inc. 100%	0.15392061	0.37885047
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3	Hodges D Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.43380433	0.47445109
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4	Howard Smith	Howard Smith 100%	Kelt New Mexico, Inc. 100%	0.01305327	0.01305327
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5	Smith Fed	Howard Smith 100%	Kelt New Mexico, Inc. 100%	3.50831288	1.47667846
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6	Corder Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.42159981	1.82524627
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7	Crosby A Fed (A) Crosby A Fed	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 100%	0.76385841	0.66293358
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(B) Baxter Fed	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 83.33% (5/6) Summit Energy, Inc. 16.67% (1/6)	2.00589429	2.21362183
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(C) No Wells	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 83.33% (5/6) Sun Operating Ltd. Ptrshp. 16.67% (1/6)	0.02610654	0.02610654
8 Skinner Fed (Nearburg Producing Co.)	Nearburg Petroleum Partnership 50% Stephen A. Wells 50%		0.37734835	0.41255275
9 Amco Fed Amco Fed Amco A Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	3.88020461 0.76708939	3.58038923 1.28027667
10 Crosby B Fed (A) Crosby B Fed (B) UT Winkler Fed	Kelt New Mexico, Inc. 100% Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100% Kelt New Mexico, Inc. 100%	1.23016564 0.87224425	1.06962901 1.42930004
11 Arco Winkler Fed	Atlantic Richfield Co. 100%		0.08117350	0.08846503
12 Winkler Fed	Atlantic Richfield Co. 100%	Kelt New Mexico, Inc. 100%	1.41276388	3.55823311
13 Cato A & B Fed Cato A Fed Cato A1 Fed Cato B Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	3.23328611	4.18766886
14 Coll Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	0.72034168	0.34783181
15 Fischer Fed Fischer Fed Fischer B Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	1.16749171	0.82053468
16 Brown Fed Brown Fed Brown A Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.28714915	2.06027731
17 Woodman Fed	Quanico Oil & Gas, Inc. 100%	Kelt New Mexico, Inc. 100%	1.03897392	2.10919282

18	Crosby C, Grimm & Cato D Fed Crosby C Fed Grimm Fed Cato D Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	8.84699525	5.05290452
19	Abko Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	3.41729465	2.46240225
20	Cato C Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	1.23271119	1.53655382
21	Peterson Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.16958432	0.28160369
22	Mac Fed	McLean, James D 50% Tillett, W C 50%	Kelt New Mexico, Inc. 100%	3.87496713	1.78492353
23	West Sinclair Fed	Explorers Petroleum Corp. 7.5% Spiral, Inc. 7.5% Fred B. Yates, Inc. 7.5% Harvey E. Yates Co. 52.030468% Yates Energy Corp. 25.469532%		0.01305327	0.01305327
24	Fed 13	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		0.05643306	0.05067531
25	Arco Conley Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		0.07096601	0.12043455
26	Packer A Fed	Crist, Jay K 100%		0.04847981	0.05069511
27	Alexander Crist Fed	Crist, Jay K 100%		0.01305327	0.01305327

28	Packer Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.16008792	0.19805628
29	Fed 21	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.02629760	0.02623391
30	Amoco Woodman Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.02831705	0.02758021
31	Alexander Fed	Yates Petroleum Corp. 40% Myco Industries, Inc. 20% Yates Drilling Co. 20% Abo Petroleum Corp. 20%	0.12205058	0.12559876
32	Anderson Fed	Kelt New Mexico, Inc. 100%	0.54622358	0.35184826
33	Alexander YPC Fed	Yates Petroleum Corp. 100%	0.01336906	0.01326380
34	East Sinclair Fed	Yates Petroleum Corp. 100%	0.01359575	0.01341492
35	Arco Woodman Fed	*** Unleased. Lease Expired 4-1-85. 100% U.S. ***	0.26715011	0.36566329

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase I Phase II
***** State Leases *****				
36	A State	Yates Petroleum Corp.	100%	0.09820882 0.10353017
37	H State	Kelt New Mexico, Inc.	100%	2.68212494 9.96786027
38	Bell State	Yates Petroleum Corp.	100%	0.08410541 0.08773067
39	Cato State	Williams, R Ken	100%	1.31499423 0.85723804

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase I Phase II
***** Fee Leases *****				
40	Barhyte	Kelt New Mexico, Inc.	100%	0.18775462 0.29397121
41	Daphne C. Baskett 1			
(A)	Cato Baskett Baskett B	Kelt New Mexico, Inc.	100%	1.04292602 0.57164984
(B)	Baskett C Baskett E	Kelt New Mexico, Inc.	100%	0.41823041 1.56656926
(C)	UT Baskett	Kelt New Mexico, Inc.	100%	0.54083628 0.49648918
(D)	UT JE Cato	Kelt New Mexico, Inc.	100%	0.77165602 1.73209341
42	Daphne C. Baskett 2 Baskett D	Kelt New Mexico, Inc.	100%	3.34528696 1.35606905
43	Marie Crosby			
(A)	Crosby B Crosby D Crosby E Crosby F Crosby G Crosby H	Kelt New Mexico, Inc.	100%	9.07858134 7.13589733
(B)	UT Crosby 1 UT Crosby 2 UT Crosby 3 UT Crosby 3A UT Crosby 17 UT Crosby 21	Kelt New Mexico, Inc.	100%	12.09614918 9.49250985
(C)	Annek Crosby	Kelt New Mexico, Inc.	100%	0.32736942 0.48540547

44	Crosby (Seville-Trident Corp.)			0.04161133	0.07283644
45	Crosby (Eugene E. Nearburg)			0.01350864	0.01335685
46	Crosby (Tamarack Petroleum Co. Inc.)			0.01453420	0.01404056
47	Thelma Crosby (A) T Crosby A1	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
	(B) T Crosby A2	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	75%
	(C) T Crosby A3 T Crosby B	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
	(D) T Crosby C	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
48	D.H. Fowler	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
49	L.C. Harris	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
50	Marshall	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%
51	McGrail	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	89.763889%
				Hilliard, H T	1.464391%
				O'Neill Properties LTD	1.449765%
				Wainoco Oil & Gas Co.	1.464391%
				Wolfson, Sam	5.857564%
52	North Cato (Yates Energy Corp.)			Yates Energy Corp.	
53	Queen	Kelt New Mexico, Inc.	100%	Kelt New Mexico, Inc.	100%

0.46376240 0.32517729

0.96529821 1.19478410

54	Rector	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.13589007	0.21408487
55	Sellers (Pan American Corp.)			0.05228634	0.05226192
56	Wagoner (Getty Oil Co.)			0.05221308	0.05221308
57	Calla Cato Masley	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.67920668	2.49345285
58	FEE 21			0.05221308	0.05221308
59	FEE 34			0.01305327	0.01305327
60	FEE 07			0.02610654	0.02610654
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				100.00000000	100.00000000

EXHIBIT B - PROPOSED CATO UNIT, CHAVES COUNTY, NEW MEXICO

Last Revision: 12 May 89
 Note: All leases lie within T8&9S-R30E

Tract No.	Tract Name / Lease	No. of Acres	Lease Description Sub-Tract ID	Basic Royalty and Ownership (NRI) Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
***** Federal Leases *****							
1	Hodges Fed Hodges A Fed Hodges B Fed Hodges C Fed Eastland Hodges Fed (N) Eastland Hodges Fed (S)	200 480 320 160 80 160	NM-022636 SW/4, SE/4 Sec 23 T8S W/2, SE/4 Sec 27 T8S W/2 Sec 34 T8S SW/4 Sec 22 T8S W/2 SE/4 Sec 23 T8S NE/4 Sec 27 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Blanco Company 2% (PPI) Hodges, Margaret M 1% (PPI) Tyson, Gertrude Olinger 1% (PPI) Tyson, Jont 0.5% (PPI) Tyson, Peter, Estate 0.5% (PPI)	Kelt New Mexico, Inc. 100%
2	Conley Fed	40	NM-024136-A NE/4 SE/4 Sec 28 T8S	U.S. 12.5%	Quanico Oil & Gas, Inc. 100%	Conley, George E 2.625%	Kelt New Mexico, Inc. 100%
3	Hodges D Fed	440.54	NM-025585-B Lots 2,3,4, SW/4 NE/4, S/2 NW/4, SW/4, NW/4 SE/4 Sec 3 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Blanco Company 2% (PPI) Hodges, Margaret M 1% (PPI) Tyson, Gertrude Olinger 1% (PPI) Tyson, Jont 0.5% (PPI) Tyson, Peter, Estate 0.5% (PPI)	Kelt New Mexico, Inc. 100%
4	Howard Smith	40	NM-071955 NE/4 SW/4 Sec 13 T8S		Howard Smith 100%		
5	Smith Fed	40	NM-071955 SW/4 NW/4 Sec 13 T8S	U.S. 12.5%	Howard Smith 100%	Conley, George E 1.5% Hudson, Edward R, Jr 1.5% Smith, Howard C and Helen J 3.25%	Kelt New Mexico, Inc. 100%

6	Corder Fed	479.97	NH-073394-D SW/4 Sec 4, T9S Lots 1, 2, S/2 NE/4 Sec 5 T9S NW/4 Sec 9 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Corder, H R and Mary Allen 2.5% (PPI) Howard, S or Bernice 2.5% (PPI)	Kelt New Mexico, Inc. 100%
7	Crosby A Fed (A) Crosby A Fed	80	NH-0142233 E/2 SE/4 Sec 8 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5% Newberry, W B 1.17187% Scherer, John E 0.78126% Wiet, J Don 1.17187%	Kelt New Mexico, Inc. 100%
	(B) Baxter Fed	400	S/2 NE/4, W/2 SE/4 Sec 8 T8S W/2 SW/4, NW/4 Sec 17 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5%	Kelt New Mexico, Inc. 83.33% (5/6) Summit Energy, Inc. 16.67% (1/6)
	(C) No Wells	80	E/2 SW/4 Sec 17 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5%	Kelt New Mexico, Inc. 83.33% (5/6) Sun Operating Ltd. Ptrshp. 16.67%
8	Skinner Fed (Nearburg Producing Co.)	240	NH-0142321 N/2 NE/4 Sec 8 T8S SE/4 NE/4, E/2 SE/4, SW/4 SE/4 Sec 5 T8S	U.S. 12.5%	Nearburg Petroleum Partnership 50% Stephen A. Wells 50%		
9	Amco Fed Amco Fed Amco A Fed	560 320.32	NH-0155254-D W/2 NE/4, NW/4, S/2 Sec 33 T8S Lots 1, 2, 3, 4, S/2 N/2 Sec 4 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Culver, A M 5%	Kelt New Mexico, Inc. 100%
10	Crosby B Fed (A) Crosby B Fed	80	NH-0155494 W/2 NE/4 Sec 9 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Coll, Charles H 0.08849% Coll, James N 0.08849% Coll, Jon F 0.08849% Coll, Max W, II 0.23453% Raynie, Robert L 0.25% Mayer, Len 0.25% Newberry, W B 1.21875% Scherer, John E 0.8125% Wiet, J Don 1.21875% Winkler, Bettylee N 2%	Kelt New Mexico, Inc. 100%

11	(B) UT Winkler Fed	160	E/2 NE/4 Sec 9 T8S S/2 NW/4 Sec 22 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Coll, Max W, II 0.23453% Coll, James N 0.08849% Coll, Jon F 0.08849% Coll, Charles H 0.08849% Haynie, Robert L 0.25% Mayer, Len 0.25% Winkler, Bettylee N 2%	Kelt New Mexico, Inc. 100%
		200	NM-0155494-A E/2 W/2, NW/4 NE/4 Sec 29 T8S	U.S. 12.5%	Atlantic Richfield Co. 100%		
		480	NM-0155494-A SW/4, W/2 SE/4 Sec 28 T8S SE/4 Sec 29 T8S SW/4 NE/4, SE/4 NW/4 Sec 32 T8S	U.S. 12.5%	Atlantic Richfield Co. 100%	Winkler, Bettylee N 3%	Kelt New Mexico, Inc. 100%
		160	NM-0177517 SW/4 Sec 15 T8S	U.S. 12.5%	Amoco Production Co. 100%	Coll, Charles H 0.88495% Coll, James N 0.88496% Coll, Jon F 0.88495% Coll, Max W, II 1.61505% Western Bank 0.73009%	Kelt New Mexico, Inc. 100%
		160	SW/4 Sec 21 T8S				
13	Cato A & B Fed Cato A Fed Cato A1 Fed Cato B Fed	320	SW/4 Sec 14, NW/4 Sec 23 T8S				
14	Coll Fed	40	NM-0177517 NW/4 NW/4 Sec 13 T8S	U.S. 12.5%	Amoco Production Co. 100%	Coll, Charles H 1.5625% Coll, James N 1.5625% Coll, Jon F 1.5625% Coll, Max W, II 1.5625%	Kelt New Mexico, Inc. 100%
		40	NE/4 NW/4 Sec 13 T8S				
15	Fischer Fed Fischer Fed Fischer B Fed	320	NM-0254700 W/2 Sec 12 T8S	U.S. 12.5%	Amoco Production Co. 100%	Burnside, R J 1.5% Coll, Charles H 0.08849% Coll, James N 0.08850% Coll, Jon F 0.08849% Coll, Martha and Max W 0.07301% Coll, Max W, II (a/w) 0.07301% Coll, Max W, II 0.08850% Fischer, Robert E and Johana 1%	Kelt New Mexico, Inc. 100%
		40	SE/4 NE/4 Sec 32 T8S				
16	Brown Fed Brown Fed Brown A Fed	160	NM-0276225 SE/4 Sec 22 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Brown, Hubert L, Jr 3.4375% Laughlin, Gary B 0.3125% Smith, R E 0.625% Smith, Vivian L 0.625%	Kelt New Mexico, Inc. 100%
		360	NW/4, W/2 NE/4, N/2 SW/4, SW/4 SW/4 Sec 26 T8S				

17	Woodman Fed	280	NM-0346362 NW/4 Sec 28 T8S E/2 NE/4, SW/4 NE/4 Sec 29 T8S	U.S. 12.5%	Quemico Oil & Gas, Inc. 100%	Erving Wolf Properties 1.5% Wolf, Marvin 1.5% Wolfe, Melvin 1.5% Fleming, A W, and Co. 0.35% Woodman, C B, Jr 0.15%	Kelt New Mexico, Inc. 100%
18	Crosby C, Grimm & Cato D Fed Crosby C Fed Grimm Fed Cato D Fed	80 80 160	NM-0354427-A N/2 NW/4 Sec 22 T8S W/2 SE/4 Sec 9 T8S NE/4 Sec 23 T8S	U.S. 12.5%	Amoco Production Co. 100%	Sabine Royalty Trust 5%	Kelt New Mexico, Inc. 100%
19	Abko Fed	160	NM-0403706 NE/4 Sec 10 T8S	U.S. 12.5%	Amoco Production Co. 100%	A B K O , Inc 1% Wolf, Erving 3% Wolf, Marvin 1%	Kelt New Mexico, Inc. 100%
20	Cato C Fed	160	NM-0444628 SE/4 Sec 14 T8S	U.S. 12.5%	Amoco Production Co. 100%	Hackathorn, Ruth Irene 2% Haynie, Robert L 0.5% Hays, Joseph M 1% Hughes, Mary K 1% Mayer, Len 0.5%	Kelt New Mexico, Inc. 100%
21	Peterson Fed	80	NM-9407-A W/2 SE/4 Sec 6 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Peterson, Barbara J 5% Wood, John W, Jr 0.5% Cockburn, Archie B 0.5%	Kelt New Mexico, Inc. 100%
22	Mac Fed	160	NM-25478 SE/4 NW/4, NE/4 SW/4, E/2 SE/4 Sec 6 T9S	U.S. 12.5%	McLean, James D 50% Tillett, W C 50%	McLean, James D 2.5% Tillett, W C 1.25% Tillett, Martha Alice C 1.25%	Kelt New Mexico, Inc. 100%
23	West Sinclair Fed	40	NM-29224-A NW/4 NE/4 Sec 20	U.S. 12.5%	Explorers Petroleum Corp. 7.5% Spiral, Inc. 7.5% Fred B. Yates, Inc. 7.5% Harvey E. Yates Co. 52.030468% Yates Energy Corp. 25.469532%		

24	Fed 13	NM-57637 120 W/2 SW/4, SE/4 NW/4 Sec 13 T8S	U.S. 12.5%	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		
25	Arco Conley Fed	NM-58931 40 SE/4 SE/4 Sec 28 T8S	U.S. 12.5%	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		
26	Packer A Fed	NM-60347 (formerly NM-0354427) 40 SE/4 SE/4 Sec 32 T8S	U.S. 12.5%	Crist, Jay K 100%		
27	Alexander Crist Fed	NM-60347 40 SW/4 SE/4 Sec 32 T8S	U.S. 12.5%	Crist, Jay K 100%		
28	Packer Fed	NM-63352 80 E/2 NE/4 Sec 33 T8S	U.S. 12.5%	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		
29	Fed 21	NM-65413 80 N/2 SE/4 Sec 21 T8S	U.S. 12.5%	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		
30	Amoco Woodman Fed	NM-65413 80 S/2 SE/4 Sec 21 T8S	U.S. 12.5%	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%		
31	Alexander fed	NM-65963 200 N/2 SE/4, E/2 SW/4, SW/4 Sec 32 T8S	U.S. 12.5%	Yates Petroleum Corp. 40% Myco Industries, Inc. 20% Yates Drilling Co. 20% Abo Petroleum Corp. 20%		
32	Anderson Fed	NM-69642 80 S/2 NE/4 Sec 7 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	None	Kelt New Mexico, Inc. 100%

33	Alexander YPC Fed	40	NM-78255 NW/4 SW/4 Sec 32 T8S	U.S. 12.5%	Yates Petroleum Corp. 100%
34	East Sinclair Fed	40	NM-78255 NE/4 NE/4 Sec 20 T8S	U.S. 12.5%	Yates Petroleum Corp. 100%
35	Arco Woodman Fed	160	(formerly NM-55129) NE/4 Sec 28 T8S	*** Unleased. Lease Expired 4-1-85. 100% U.S. ***	

35 Federal tracts totalling 8840.83 acres
or 57.700875% of unit area

Tract No.	Tract Name / Lease	No. of Acres	Lease Description Sub-Tract ID	Basic Royalty and Ownership (NRI) Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
36	A State	40	VB - 193 NE/4 NE/4 Sec 32 T8S	State 12.5%	Yates Petroleum Corp. 100%		
37	H State	640	K-3259-7 All Sec 16 T8S	State 12.5%	Kelt New Mexico, Inc. 100%	Rad, F N and Castello, J S 5%	Kelt New Mexico, Inc. 100%
38	Bell State	80	VB - 193 NW/4 NE/4, NE/4 NW/4 Sec 32 T8S	State 12.5%	Yates Petroleum Corp. 100%		
39	Cato State	360.21	K-3754 Lot 4, SW/4, SW/4 NW/4, S/2 SE/4, NW/4 SE/4 Sec 2 T8S	State 12.5%	Williams, R Ken 100%		HWJ Operating Co.
4 State tracts totalling 1120.21 acres or 7.311202% of unit area							

Tract No.	Tract Name / Lease	No. of Acres	Lease Description Sub-Tract ID	Basic Royalty and Ownership (NRI) Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
40	Barhyte	160	SW/4 Sec 4 T8S	6 owners total 17.1875%	Kelt New Mexico, Inc.	100%	100%
41	Daphne C. Baskett 1 (A) Cato Baskett Baskett B	80 80	W/2 SW/4 Sec 11 T8S E/2 NW/4 Sec 11 T8S	5 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
(B)	Baskett C Baskett E	80 80	W/2 SE/4 Sec 10 T8S E/2 NE/4 Sec 15 T8S	4 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
(C)	UT Baskett	160	W/2 NW/4, E/2 SW/4 Sec 11 T8S	6 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
(D)	UT JE Cato	160	E/2 SE/4 Sec 10, W/2 NE/4 Sec 15 T8S	5 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
42	Daphne C. Baskett 2 Baskett D	320	E/2 Sec 11 T8S	4 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
43	Marie Crosby (A) Crosby B Crosby D Crosby E Crosby F Crosby G Crosby H	80 80 80 80 80 80	E/2 SE/4 Sec 3 T8S E/2 NW/4 Sec 15 T8S W/2 SW/4 Sec 10 T8S SW/4 NE/4, NE/4 SE/4 Sec 17 T8S E/2 SW/4 Sec 9 T8S W/2 NW/4 Sec 9 T8S	28 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
(B)	UT Crosby 1	240	E/2 SE/4 Sec 9 T8S W/2 NW/4 Sec 15 T8S E/2 SW/4 Sec 10 T8S	28 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
	UT Crosby 2 UT Crosby 3 UT Crosby 3A UT Crosby 17 UT Crosby 21	160 160.25 40 160 160	E/2 NW/4, W/2 SW/4 Sec 9 T8S Lot 1, SE/4 NE/4, W/2 SE/4 Sec 3 T8S SE/4 NW/4 Sec 3 T8S E/2 NE/4, W/2 SE/4 Sec 17 T8S NW/4 Sec 21 T8S	27 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%
(C)	Annek Crosby	40	NW/4 NE/4 Sec 17 T8S	27 owners total 12.5%	Kelt New Mexico, Inc.	100%	100%

***** Fee Leases *****

[illegible]

54	Rector	40	NW/4 NW/4 Sec 8 T9S	2 owners total 17.1875%	Kelt New Mexico, Inc. 100%	None	Kelt New Mexico, Inc. 100%
55	Sellers (Pan American Corp.)	160	SW/4 Sec 3 T8S				
56	Wagoner (Getty Oil Co.)	160	W/2 E/2 Sec 34 T8S				
57	Calla Cato Wasley	320	N/2 Sec 14 T8S	2 owners total 12.5%	Kelt New Mexico, Inc. 100%	2 owners total 5%	Kelt New Mexico, Inc. 100%
58	FEE 21	160	NE/4 Sec 21 T8S				
59	FEE 34	40	NE/4 NE/4 Sec 34 T8S				
60	FEE 07	80	N/2 NE/4 Sec 7 T9S				

21 Fee tracts totalling 5360.79 acres
or 34.987922% of unit area

TOTAL: 60 tracts covering 15,321.83 acres in entire unit area.

EXHIBIT B - PROPOSED CATO UNIT, CHAVES COUNTY, NEW MEXICO

Last Revision: 12 May 89
Note: All leases (ie within T8&9S-R30E

Tract No.	Tract Name / Lease	No. of Acres	Lease Description Sub-Tract ID	Basic Royalty and Ownership (NRI) Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
***** Federal Leases *****							
1	Hodges Fed Hodges A Fed Hodges B Fed Hodges C Fed Eastland Hodges Fed (N) Eastland Hodges Fed (S)	200 480 320 160 80 160	NM-022636 SW/4, SW/4 SE/4 Sec 23 T8S W/2, SE/4 Sec 27 T8S W/2 Sec 34, T8S SW/4 Sec 22 T8S N/2 SE/4 Sec 23 T8S NE/4 Sec 27 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Blanco Company 2% (PPI) Hodges, Margaret M 1% (PPI) Tyson, Gertrude Olinger 1% (PPI) Tyson, Jont 0.5% (PPI) Tyson, Peter, Estate 0.5% (PPI)	Kelt New Mexico, Inc. 100%
2	Conley Fed	40	NM-024136-A NE/4 SE/4 Sec 28 T8S	U.S. 12.5%	Quanico Oil & Gas, Inc. 100%	Conley, George E 2.625%	Kelt New Mexico, Inc. 100%
3	Hodges D Fed	440.54	NM-025585-B Lots 2,3,4, SW/4 NE/4, S/2 NW/4, SW/4, NW/4 SE/4 Sec 3 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Blanco Company 2% (PPI) Hodges, Margaret M 1% (PPI) Tyson, Gertrude Olinger 1% (PPI) Tyson, Jont 0.5% (PPI) Tyson, Peter, Estate 0.5% (PPI)	Kelt New Mexico, Inc. 100%
4	Howard Smith	40	NM-071955 NE/4 SW/4 Sec 13 T8S		Howard Smith 100%		
5	Smith Fed	40	NM-071955 SW/4 NW/4 Sec 13 T8S	U.S. 12.5%	Howard Smith 100%	Conley, George E 1.5% Hudson, Edward R, Jr 1.5% Smith, Howard C and Helen J 3.25%	Kelt New Mexico, Inc. 100%

6	Corder Fed	479.97	NH-073394-D SW/4 Sec 4 T9S Lots 1,2, S/2 NE/4 Sec 5 T9S NW/4 Sec 9 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Corder, H R and Mary Allen 2.5% (PPI) Howard, S or Bernice 2.5% (PPI)	Kelt New Mexico, Inc. 100%
7	Crosby A Fed (A) Crosby A Fed	80	NH-0142233 E/2 SE/4 Sec 8 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5% Newberry, W B 1.17187% Scherer, John E 0.78126% Wiet, J Don 1.17187%	Kelt New Mexico, Inc. 100%
	(B) Baxter Fed	400	S/2 NE/4, W/2 SE/4 Sec 8 T8S W/2 SW/4, NW/4 Sec 17 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5%	Kelt New Mexico, Inc. 83.33% (5/6) Summit Energy, Inc. 16.67% (1/6)
	(C) No Wells	80	E/2 SW/4 Sec 17 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Culver, A M, Company 2.5%	Kelt New Mexico, Inc. 83.33% (5/6) Sun Operating Ltd. Ptrshp. 16.67%
8	Skinner Fed (Nearburg Producing Co.)	240	NH-0142321 N/2 NE/4 Sec 8 T8S SE/4 NE/4, E/2 SE/4, SW/4 SE/4 Sec 5 T8S	U.S. 12.5%	Nearburg Petroleum Partnership 50% Stephen A. Wells 50%		
9	Amco Fed Amco Fed Amco A Fed	560 320.32	NH-0155254-D W/2 NE/4, NW/4, S/2 Sec 33 T8S Lots 1,2,3,4, S/2 N/2 Sec 4 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Culver, A M 5%	Kelt New Mexico, Inc. 100%
10	Crosby B Fed (A) Crosby B Fed	80	NH-0155494 W/2 NE/4 Sec 9 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Coll, Charles H 0.08849% Coll, James N 0.08849% Coll, Jon F 0.08849% Coll, Max W, II 0.23453% Haynie, Robert L 0.25% Mayer, Len 0.25% Newberry, W B 1.21875% Scherer, John E 0.8125% Wiet, J Don 1.21875% Winkler, Bettylee N 2%	Kelt New Mexico, Inc. 100%

(B) UT Winkler Fed	160	E/2 NE/4 Sec 9 T8S S/2 NW/4 Sec 22 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Coll, Max W, II 0.23453% Coll, James N 0.08849% Coll, Jon F 0.08849% Coll, Charles H 0.08849% Haynie, Robert L 0.25% Mayer, Len 0.25% Winkler, Bettylee N 2%	Kelt New Mexico, Inc. 100%
	200	NM-0155494-A E/2 W/2, NW/4 NE/4 Sec 29 T8S	U.S. 12.5%	Atlantic Richfield Co. 100%		
	480	NM-0155494-A SW/4, W/2 SE/4 Sec 28 T8S SE/4 Sec 29 T8S SW/4 NE/4, SE/4 NW/4 Sec 32 T8S	U.S. 12.5%	Atlantic Richfield Co. 100%	Winkler, Bettylee N 3%	Kelt New Mexico, Inc. 100%
	160 160 320	NM-0177517 SW/4 Sec 15 T8S SW/4 Sec 21 T8S SW/4 Sec 14, NW/4 Sec 23 T8S	U.S. 12.5%	Amoco Production Co. 100%	Coll, Charles H 0.88495% Coll, James N 0.88496% Coll, Jon F 0.88495% Coll, Max W, II 1.61505% Western Bank 0.73009%	Kelt New Mexico, Inc. 100%
	40 40	NM-0177517 NW/4 NW/4 Sec 13 T8S NE/4 NW/4 Sec 13 T8S	U.S. 12.5%	Amoco Production Co. 100%	Coll, Charles H 1.5625% Coll, James N 1.5625% Coll, Jon F 1.5625% Coll, Max W, II 1.5625%	Kelt New Mexico, Inc. 100%
(B) Fischer Fed Fischer Fed Fischer B Fed	320 40	NM-0254700 W/2 Sec 12 T8S SE/4 NE/4 Sec 32 T8S	U.S. 12.5%	Amoco Production Co. 100%	Burnside, R J 1.5% Coll, Charles H 0.08849% Coll, James N 0.08850% Coll, Jon F 0.08849% Coll, Martha and Max W 0.07301% Coll, Max W, II (a/w) 0.07301% Coll, Max W, II 0.08850% Fischer, Robert E and Johana 1%	Kelt New Mexico, Inc. 100%
	160 360	NM-0276225 SE/4 Sec 22 T8S NW/4, W/2 NE/4, W/2 SW/4, SW/4 SW/4 Sec 26 T8S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Brown, Hubert L, Jr 3.4375% Laughlin, Gary B 0.3125% Smith, R E 0.625% Smith, Vivian L 0.625%	Kelt New Mexico, Inc. 100%
11 Arco Winkler Fed						
12 Winkler Fed						
13 Cato A & B Fed Cato A Fed Cato A1 Fed Cato B Fed						
14 Coll Fed						
15 Fischer Fed Fischer Fed Fischer B Fed						
16 Brown Fed Brown Fed Brown A Fed						

17	Woodman Fed	280	NH-0346362 NW/4 Sec 28 T8S E/2 NE/4, SW/4 NE/4 Sec 29 T8S	U.S. 12.5%	Quanico Oil & Gas, Inc. 100%	Erving Wolf Properties 1.5% Wolf, Marvin 1.5% Wolfe, Melvin 1.5% Fleming, A W, and Co. 0.35% Woodman, C B, Jr 0.15%	Kelt New Mexico, Inc. 100%
18	Crosby C, Grimm & Cato D Fed Crosby C Fed Grimm Fed Cato D Fed	80 80 160	NH-0354427-A N/2 NW/4 Sec 22 T8S W/2 SE/4 Sec 9 T8S NE/4 Sec 23 T8S	U.S. 12.5%	Amoco Production Co. 100%	Sabine Royalty Trust 5%	Kelt New Mexico, Inc. 100%
19	Abko Fed	160	NH-0403706 NE/4 Sec 10 T8S	U.S. 12.5%	Amoco Production Co. 100%	A B K O, Inc 1% Wolf, Erving 3% Wolf, Marvin 1%	Kelt New Mexico, Inc. 100%
20	Cato C Fed	160	NH-0444628 SE/4 Sec 14 T8S	U.S. 12.5%	Amoco Production Co. 100%	Hackathorn, Ruth Irene 2% Haynie, Robert L 0.5% Hays, Joseph M 1% Hughes, Mary K 1% Mayer, Len 0.5%	Kelt New Mexico, Inc. 100%
21	Peterson Fed	80	NH-9407-A W/2 SE/4 Sec 6 T9S	U.S. 12.5%	Kelt New Mexico, Inc. 100%	Peterson, Barbara J 5% Wood, John W, Jr 0.5% Cockburn, Archie B 0.5%	Kelt New Mexico, Inc. 100%
22	Mac Fed	160	NH-25478 SE/4 NW/4, NE/4 SW/4, E/2 SE/4 Sec 6 T9S	U.S. 12.5%	McLean, James D 50% Tillett, W C 50%	McLean, James D 2.5% Tillett, W C 1.25% Tillett, Martha Alice C 1.25%	Kelt New Mexico, Inc. 100%
23	West Sinclair Fed	40	NH-29224-A NW/4 NE/4 Sec 20	U.S. 12.5%	Explorers Petroleum Corp. 7.5% Spiral, Inc. 7.5% Fred B. Yates, Inc. 7.5% Harvey E. Yates Co. 52.030468% Yates Energy Corp. 25.469532%		

33	Alexander YPC Fed	40	NM-78255 NW/4 SW/4 Sec 32 T8S	U.S. 12.5%	Yates Petroleum Corp. 100%
34	East Sinclair Fed	40	NM-78255 NE/4 NE/4 Sec 20 T8S	U.S. 12.5%	Yates Petroleum Corp. 100%
35	Arco Woodman Fed	160	(formerly NM-55129) NE/4 Sec 28 T8S	*** Unleased. Lease Expired 4-1-85. 100% U.S. ***	

35 Federal tracts totalling 8840.83 acres
or 57.700875% of unit area

Tract No.	Tract Name / Lease	No. of Acres	Lease Description Sub-Tract ID	Basic Royalty and Ownership (NRI) Percentage	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
40	Barbyte	160	SW/4 Sec 4 T8S	6 owners total 17.1875%	Kelt New Mexico, Inc.	None	Kelt New Mexico, Inc. 100%
41	Daphne C. Baskett 1 (A) Cato Baskett Baskett B	80 80	W/2 SW/4 Sec 11 T8S E/2 NW/4 Sec 11 T8S	5 owners total 12.5%	Kelt New Mexico, Inc.	3 owners total 6.25%	Kelt New Mexico, Inc. 100%
(B)	Baskett C Baskett E	80 80	W/2 SE/4 Sec 10 T8S E/2 NE/4 Sec 15 T8S	4 owners total 12.5%	Kelt New Mexico, Inc.	3 owners total 6.25%	Kelt New Mexico, Inc. 100%
(C)	UT Baskett	160	W/2 NW/4, E/2 SW/4 Sec 11 T8S	6 owners total 12.5%	Kelt New Mexico, Inc.	None	Kelt New Mexico, Inc. 100%
(D)	UT JE Cato	160	E/2 SE/4 Sec 10, W/2 NE/4 Sec 15 T8S	5 owners total 12.5%	Kelt New Mexico, Inc.	None	Kelt New Mexico, Inc. 100%
42	Daphne C. Baskett 2 Baskett D	320	E/2 Sec 11 T8S	4 owners total 12.5%	Kelt New Mexico, Inc.	2 owners total 5%	Kelt New Mexico, Inc. 100%
43	Marie Crosby (A) Crosby B Crosby D Crosby E Crosby F Crosby G Crosby H	80 80 80 80 80 80	E/2 SE/4 Sec 3 T8S E/2 NW/4 Sec 15 T8S W/2 SW/4 Sec 10 T8S SW/4 NE/4, NE/4 SE/4 Sec 17 T8S E/2 SW/4 Sec 9 T8S W/2 NW/4 Sec 9 T8S	28 owners total 12.5%	Kelt New Mexico, Inc.	3 owners total 6.25%	Kelt New Mexico, Inc. 100%
(B)	UT Crosby 1	240	E/2 SE/4 Sec 9 T8S W/2 NW/4 Sec 15 T8S E/2 SW/4 Sec 10 T8S	28 owners total 12.5%	Kelt New Mexico, Inc.	None	Kelt New Mexico, Inc. 100%
	UT Crosby 2 UT Crosby 3 UT Crosby 3A UT Crosby 17 UT Crosby 21	160 160.25 40 160 160	E/2 NW/4, W/2 SW/4 Sec 9 T8S Lot 1, SE/4 NE/4, W/2 SE/4 Sec 3 T8S SE/4 NW/4 Sec 3 T8S E/2 NE/4, W/2 SE/4 Sec 17 T8S NW/4 Sec 21 T8S				
(C)	Annek Crosby	40	NW/4 NE/4 Sec 17 T8S	27 owners total 12.5%	Kelt New Mexico, Inc.	4 owners total 12.5%	Kelt New Mexico, Inc. 100%

***** Fee Leases *****

[illegible]

54	Rector	40	NW/4 NW/4 Sec 8 T9S	2 owners total 17.1875%	Kelt New Mexico, Inc. 100%	None	Kelt New Mexico, Inc. 100%
55	Sellers (Pan American Corp.)	160	SW/4 Sec 3 T8S				
56	Wagoner (Getty Oil Co.)	160	W/2 E/2 Sec 34 T8S				
57	Calla Cato Wasley	320	N/2 Sec 14 T8S	2 owners total 12.5%	Kelt New Mexico, Inc. 100%	2 owners total 5%	Kelt New Mexico, Inc. 100%
58	FEE 21	160	NE/4 Sec 21 T8S				
59	FEE 34	40	NE/4 NE/4 Sec 34 T8S				
60	FEE 07	80	N/2 NE/4 Sec 7 T9S				

21 fee tracts totalling 5360.79 acres
or 34.987922% of unit area

TOTAL: 60 tracts covering 15,321.83 acres in entire unit area.

EXHIBIT D - PROPOSED CATO UNIT, CHAVES COUNTY, NEW MEXICO

Last Revision: 12 May 89

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase I	Tract Participation Percentage Phase II
=====	=====	=====	=====	=====	=====
*****	Federal Leases	*****			
1	Hodges Fed Hodges A Fed Hodges B Fed Hodges C Fed Eastland Hodges Fed (N) Eastland Hodges Fed (S)	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	11.06006762	10.02344457
2	Conley Fed	Quanico Oil & Gas, Inc. 100%	Kelt New Mexico, Inc. 100%	0.15392061	0.37885047
3	Hodges D Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.43380433	0.47445109
4	Howard Smith	Howard Smith 100%		0.01305327	0.01305327
5	Smith Fed	Howard Smith 100%	Kelt New Mexico, Inc. 100%	3.50831288	1.47667846
6	Corder Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.42159981	1.82524627
7	Crosby A Fed (A) Crosby A Fed	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 100%	0.76385841	0.66293358
	(B) Baxter Fed	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 83.33% (5/6) Summit Energy, Inc. 16.67% (1/6)	2.00589429	2.21382183

	(C) No Wells	Kelt New Mexico, Inc. 5/6 (83.33%) Sun Explor. & Prod. Co. 1/6 (16.67%)	Kelt New Mexico, Inc. 83.33% (5/6) Sun Operating Ltd. Ptrshp. 16.67% (1/6)	0.02610654	0.02610654
8	Skinner Fed (Nearburg Producing Co.)	Nearburg Petroleum Partnership 50% Stephen A. Wells 50%		0.37734835	0.41255275
9	Amco Fed Amco Fed Amco A Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	3.88020461 0.76708939	3.58038923 1.28027667
10	Crosby B Fed (A) Crosby B Fed (B) UT Winkler Fed	Kelt New Mexico, Inc. 100% Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100% Kelt New Mexico, Inc. 100%	1.23016564 0.87224425	1.06962901 1.42930004
11	Arco Winkler Fed	Atlantic Richfield Co. 100%		0.08117350	0.08846503
12	Winkler Fed	Atlantic Richfield Co. 100%	Kelt New Mexico, Inc. 100%	1.41276388	3.55823311
13	Cato A & B Fed Cato A Fed Cato A1 Fed Cato B Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	3.23328611	4.18766886
14	Coll Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	0.72034168	0.34783181
15	Fischer Fed Fischer Fed Fischer B Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	1.16749171	0.82053468
16	Brown Fed Brown Fed Brown A Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.28714915	2.06027731
17	Woodman Fed	Quanico Oil & Gas, Inc. 100%	Kelt New Mexico, Inc. 100%	1.03897392	2.10919282

18	Crosby C, Grimm & Cato D Fed Crosby C Fed Grimm Fed Cato D Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	8.84699525	5.05290452
19	Abko Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	3.41729465	2.46240225
20	Cato C Fed	Amoco Production Co. 100%	Kelt New Mexico, Inc. 100%	1.23271119	1.53655382
21	Peterson Fed	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.16958432	0.28160369
22	Mac Fed	McLean, James D 50% Tillett, W C 50%	Kelt New Mexico, Inc. 100%	3.87496713	1.78492353
23	West Sinclair Fed	Explorers Petroleum Corp. 7.5% Spiral, Inc. 7.5% Fred B. Yates, Inc. 7.5% Harvey E. Yates Co. 52.030468% Yates Energy Corp. 25.469532%	Kelt New Mexico, Inc. 100%	0.01305327	0.01305327
24	Fed 13	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	Kelt New Mexico, Inc. 100%	0.05643306	0.05067531
25	Arco Conley Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	Kelt New Mexico, Inc. 100%	0.07096601	0.12043455
26	Packer A Fed	Crist, Jay K 100%	Kelt New Mexico, Inc. 100%	0.04847981	0.05069511
27	Alexander Crist Fed	Crist, Jay K 100%	Kelt New Mexico, Inc. 100%	0.01305327	0.01305327

28	Packer Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.16008792	0.19805628
29	Fed 21	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.02629760	0.02623391
30	Amoco Woodman Fed	Yates Petroleum Corp. 10% Myco Industries, Inc. 30% Yates Drilling Co. 30% Abo Petroleum Corp. 30%	0.02831705	0.02758021
31	Alexander Fed	Yates Petroleum Corp. 40% Myco Industries, Inc. 20% Yates Drilling Co. 20% Abo Petroleum Corp. 20%	0.12205058	0.12559876
32	Anderson Fed	Kelt New Mexico, Inc. 100%	0.54622358	0.35184826
33	Alexander YPC Fed	Yates Petroleum Corp. 100%	0.01336906	0.01326380
34	East Sinclair Fed	Yates Petroleum Corp. 100%	0.01359575	0.01341492
35	Arco Woodman Fed	*** Unleased. Lease Expired 4-1-85. 100% U.S. ***	0.26715011	0.36566329

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase I	Tract Participation Percentage Phase II
***** State Leases *****					
36	A State	Yates Petroleum Corp. 100%		0.09820882	0.10353017
37	H State	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	2.68212494	9.96786027
38	Bell State	Yates Petroleum Corp. 100%		0.08410541	0.08773067
39	Cato State	Williams, R Ken 100%	MWJ Operating Co.	1.31499423	0.85723804

Tract No.	Tract Name / Lease	Lessee of Record	Working Interest and Percentage	Tract Participation Percentage Phase I	Tract Participation Percentage Phase II
40	Barhyte	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.18775462	0.29397121
41	Daphne C. Baskett 1 (A) Cato Baskett Baskett B	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.04292602	0.57164984
	(B) Baskett C Baskett E	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.41823041	1.56656926
	(C) UT Baskett	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.54083828	0.49648918
	(D) UT JE Cato	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.77165602	1.73209341
42	Daphne C. Baskett 2 Baskett D	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	3.34528696	1.35606905
43	Marie Crosby (A) Crosby B Crosby D Crosby E Crosby F Crosby G Crosby H	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	9.07858134	7.13589733
	(B) UT Crosby 1 UT Crosby 2 UT Crosby 3 UT Crosby 3A UT Crosby 17 UT Crosby 21	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	12.09614918	9.49250985
	(C) Annek Crosby	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.32736942	0.48540547

44	Crosby (Seville-Trident Corp.)			0.04161133	0.07283644
45	Crosby (Eugene E. Nearburg)			0.01350864	0.01335685
46	Crosby (Tamarack Petroleum Co. Inc.)			0.01453420	0.01404056
47	Thelma Crosby (A) T Crosby A1	Kelt New Mexico, Inc.	100%	0.18110600	0.34585000
	(B) T Crosby A2	Kelt New Mexico, Inc.	75%	2.78889748	1.36452746
		Kaiser-Francis Oil Co.	25%		
	(C) T Crosby A3 T Crosby B	Kelt New Mexico, Inc.	100%	3.27897061	2.34932116
	(D) T Crosby C	Kelt New Mexico, Inc.	100%	0.68576989	0.42702796
48	D.H. Fowler	Kelt New Mexico, Inc.	100%	0.12831911	0.20903756
49	L.C. Harris	Kelt New Mexico, Inc.	100%	1.20371712	4.28830893
50	Marshall	Kelt New Mexico, Inc.	100%	0.35461407	0.47382077
51	McGrail	Kelt New Mexico, Inc.	100%	1.50521662	1.34461538
		Hilliard, H T	1.464391%		
		O'Neill Properties LTD	1.449765%		
		Wainoco Oil & Gas Co.	1.464391%		
		Wolfson, Sam	5.857564%		
52	North Cato (Yates Energy Corp.)	Yates Energy Corp.		0.46376240	0.32517729
53	Queen	Kelt New Mexico, Inc.	100%	0.96529821	1.19478410

54	Rector	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	0.13589007	0.21408487
55	Sellers (Pan American Corp.)			0.05228634	0.05226192
56	Wagoner (Getty Oil Co.)			0.05221308	0.05221308
57	Calla Cato Wasley	Kelt New Mexico, Inc. 100%	Kelt New Mexico, Inc. 100%	1.67920668	2.49345285
58	FEE 21			0.05221308	0.05221308
59	FEE 34			0.01305327	0.01305327
60	FEE 07			0.02610654	0.02610654
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