

Attachment for VI
on Form C-108
NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SEP 15 7 45 AM '67

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5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER-

LOST HOLE

Name of Operator
AN AMERICAN PETROLEUM CORPORATION

Address of Operator
BOX 68, HOBBS, N. M. 88240

Location of Well

UNIT LETTER L 1980 FEET FROM THE SOUTH LINE AND 660 FEET FROM
THE WEST LINE, SECTION 10 TOWNSHIP 8-S RANGE 30-E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
CROSBY "E"

9. Well No.
2

10. Field and Pool, or Wildcat
CATO SAN ANDRE

15. Elevation (Show whether DF, RT, GR, etc.)

4071' R. D. B.

12. County
CHAVES

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PLUG OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

In accordance w/ P & A procedure dated 8-21-6
well abandoned as follows: Set cement plugs
50 RT @ 1491', 25 RT @ 1000', 50 RT @ 338', 10 RT @
surface and erected P & A marker.

Made final cleanup and restored ground
to contour.

Skipped location and drilled CROSBY "E" #2Y.

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

AREA SUPERINTENDENT

DATE 9-14-67

NMOC-UV
NSW
WES
ED BY
BWS
12/87

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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 9 6 41 AM '68

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5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☐ OTHER- DRY HOLE TO BE USED AS SWD
Name of Operator
AN AMERICAN PETROLEUM CORPORATION
Address of Operator
BOX 68, HOBBS, N. M. 88240
Location of Well
UNIT LETTER M 660 FEET FROM THE SOUTH LINE AND 660 FEET FROM
THE WEST LINE, SECTION 3 TOWNSHIP 8-S RANGE 30-E NMPM.

7. Unit Agreement Name
8. Farm or Lease Name
CATO SALT WATER DISPOSAL SYSTEM
9. Well No.
1
10. Field and Pool, or Wildcat
12. County
CHAUES

15. Elevation (Show whether DF, RT, GR, etc.)

4076 R.D.B.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
FULL OR ALTER CASING ☐
OTHER CONVERSION OF WELL - PREPARATION OF WELL FOR SW DISPOSAL ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

WELL NAME FORMERLY - SELLERS No. 1
IN PREPARING WELL FOR INJECTION ADDITIONAL WORK REQUIRED
PROPOSE: SPOT 2504 cement plug from PBD 3378 TO APPX 3100'
(PERFS 3252-3363). 2004 plug 1700-1350'. Cut 4 1/2" casing
@ 1258' + reciprocate pipe and establish circulation. Cement
4 1/2" w/200 gx Incor 12% gel salt sat. + 22504 Incor ment,
salt sat. circulate on tie back into surface. WOC.
Perforate Rustler formation 1005-10035 w/25PF. Acidize
w/300 gal m.c.a. Swab test. Obtain water samples.
Run injectivity tests. Submit results to
regulatory bodies.

TD-3402 4 1/2" CSA 2402'
BD-3378 8 7/8" CSA 450'

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

SIGNED John W. Runyan TITLE AREA SUPERINTENDENT DATE AUG 9 1968
APPROVED BY John W. Runyan TITLE AREA SUPERINTENDENT DATE AUG 9 1968
NOTATIONS OF APPROVAL, IF ANY:
1-NSW
1-SUSP
1-PRY

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NEW MEXICO OIL CONSERVATION COMMISSION

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5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐	GAS WELL ☐	OTHER- <u>SALT WATER DISPOSAL WELL</u>
Name of Operator <u>PAN AMERICAN PETROLEUM CORPORATION</u>		
Address of Operator <u>BOX 68, HOBBS, N. M. 88240</u>		
Location of Well <u>NAME CHANGED: FROM: PAN AMERICAN PETR. CORP. TO: AMOCO PRODUCTION CO. EFFECTIVE: 2-1-71</u>		
UNIT LETTER <u>M</u>	<u>660</u>	FEET FROM THE <u>SOUTH</u> LINE AND <u>660</u> FEET FROM
THE <u>WEST</u> LINE, SECTION <u>3</u>	TOWNSHIP <u>8-S</u>	RANGE <u>30-E</u> NMPM.

7. Unit Agreement Name
8. Farm or Lease Name <u>CATO SALT WATER DISPOSAL SYSTEM</u>
9. Well No. <u>1</u>
10. Field and Pool, or Wildcat
11. Elevation (Show whether DF, RT, GR, etc.) <u>4076' R.D.B.</u>
12. County <u>CHAUSE</u>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
NULL OR ALTER CASING ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	OTHER <u>CONVERSION TO SWDS WELL</u> ☒

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

NMOCC Order SWD-70 authorizes use of well as a disposal well. Conversion accomplished as follows:

- Spotted 25 1/4 cement plug 3373 (PBD) - 3100;
- " 20 1/4 " " 1700 - 1350;
- Cut 4 1/2" casing @ 1260', fitted 3'- established circ, cemented w/ 425 SX. Cement circulated.
- Perforated Rustler @ 1005'-1035' w/ 21SPF. Acidized w/ 1000 gal 15%. Obtained water samples. Conducted injectivity tests.
- Injection started 12-11-68

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

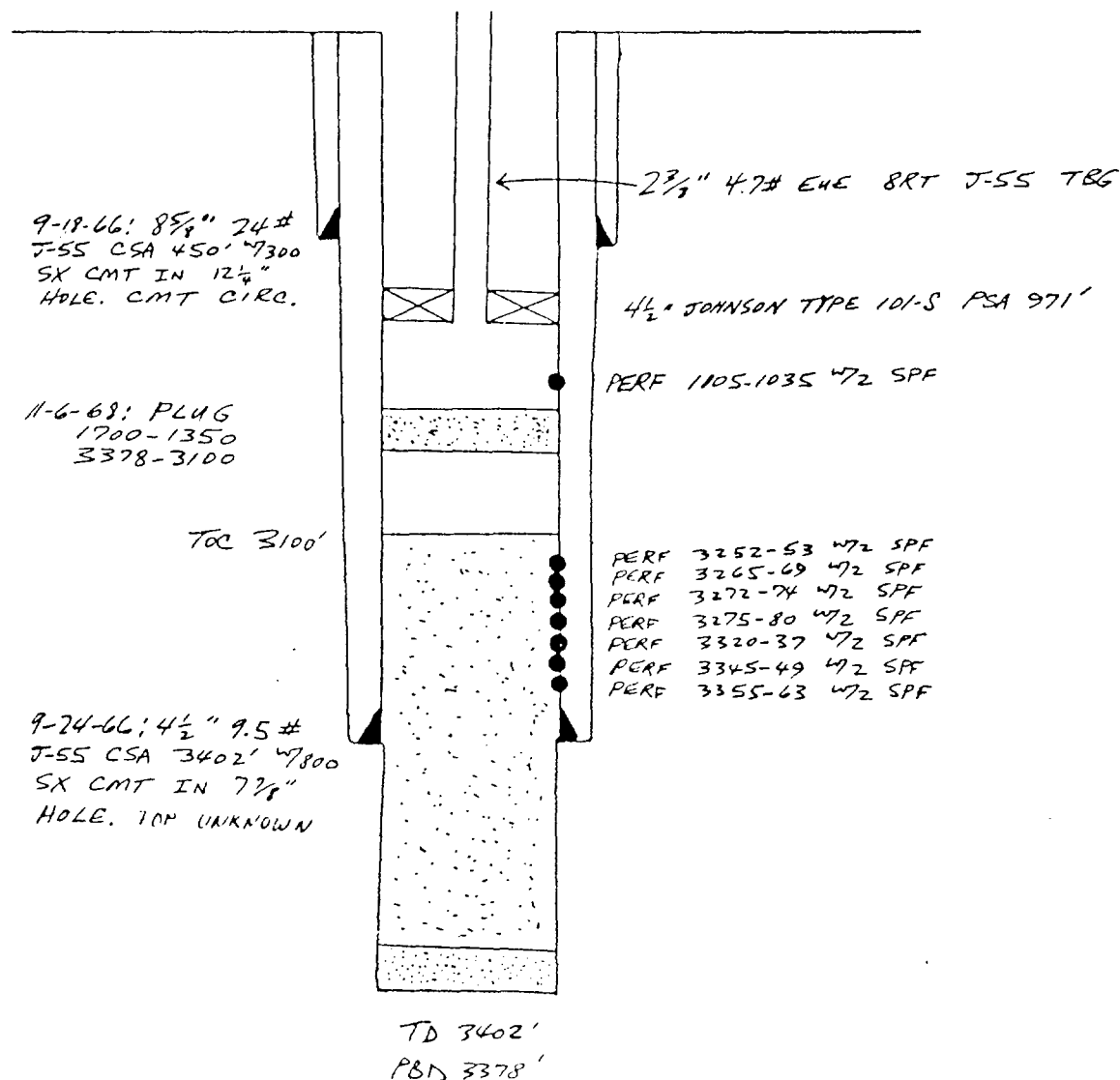
AREA SUPERINTENDENT

DEC 12 1968

APPROVED BY <u>[Signature]</u>	TITLE _____	DATE _____
3-NMOCC-N - SUSP - NSW - RRY	TITLE _____	DATE _____

WELL BORE SKETCH

CATO-SAN ANDRES		4076 RDB 4074 DF 4067 GL	APPROX. 9' ABOVE GL	12/20/66
FIELD	FORMERLY: SELLERS	ELEV	ELEV REF PT	COMPLETION DATE
CATO SWDLY	FORMERLY: JENNINGS	1	API NO. 30-025-1050 940778020	03/05/79
LSE/UNIT		WELL NO.	FLAC	DATE OF SKETCH
40 DEDICATED ACRES 660' FSL X 660' FWL	M	3	8S	30E CHAVES NM
FOOTAGE TO LOCATION	LETTER	SEC	TWNSHP	RANGE
				COUNTY
				STATE



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SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)		5a. Indicate Type of Lease State ☐ Fee ☒ 5. State Oil & Gas Lease No.
OIL WELL ☐ GAS WELL ☐ OTHER- Salt Water Disposal Well Name of Operator Amoco Production Company Address of Operator P. O. Box 68, Hobbs, NM 88240 Location of Well UNIT LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 3 TOWNSHIP 8-S RANGE 30-E NMPM.		7. Unit Agreement Name Cato Salt Water Disposal System 8. Form of Lease Disposal System 9. Well No. 1 10. Field and Pool, or Wildcat Cato San Andres
15. Elevation (Show whether DF, RT, GR, etc.)		12. County Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPERATIONS ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

Inscribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Propose to abandon well using the following procedure:

Pull tubing and packer. Set a cast iron bridge plug at 900'-950'. Spot 50 ft. of cement at 900'-950'. Spot a 10 sack surface plug and erect abandonment marker. Mud laden fluid will be placed between all plugs. Will notify the NMOCD when location is ready for inspection.

Well bore sketch attached.

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNED <u>Ray Cox</u>	TITLE <u>Administrative Supervisor</u>	DATE <u>6-4-79</u>
ORIG. SIGNED BY <u>Jerry Sexton</u>	TITLE <u>Dist 1, Supv</u>	DATE <u>11/11/79</u>
CONDITIONS OF APPROVAL, IF ANY: + 4 - NMOCD H 1- Susp		

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-Attachment for Item VI
on Form C-108

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1. Indicate Type of Lease	State ☐	Fed ☐
2. State Oil & Gas Lease No.		

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR APPLICATIONS TO OIL OR GAS RESERVOIRS OR TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO OIL OR GAS RESERVOIR AND PROPOSED WELL.)

OIL WELL ☐	GAS WELL ☐	OTHER - <u>Salt Water Disposal</u>
Name of Operator <u>Amoco Production Company</u>		
Address of Operator <u>P. O. Box 68, Hobbs, NM 88240</u>		
Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>3</u> TOWNSHIP <u>8-S</u> RANGE <u>30-E</u> NEBR.		

3. Unit Agreement Name	
4. Form of Lease Name	<u>Cato SWDS</u>
5. Well No.	<u>1</u>
6. Field and Pool, or Wildcat	<u>Cato San Andres</u>
7. County	<u>Chaves</u>

15. Flotation (Show whether DF, RF, SR, etc.)

4076 RDB

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any post-work) SEE RULE 1103.

Moved in Plugging Unit 10/10/79. Plugged tubing and packer. Set CIBP at 950'. Spotted 50' cement 950-900'. Spotted a 10 sack surface plug and erected P x A marker. Final Report.

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

CHECKED <u>John Cave</u>	TITLE <u>Assistant Admin. Analyst</u>	DATE <u>11-29-79</u>
PROVED BY <u>Eddie Leary</u>	TITLE <u>OIL & GAS INSPECTOR</u>	DATE <u>JUL 1980</u>

CONDITIONS OF APPROVAL, IF ANY:

0+4 NMOCD-H, 1-Hou, 1-Susp, 1-CC

ATTACHMENT FOR ITEM VI ON FORM C-108 -- TABULATION OF DATA ON WELLS WITHIN AREA OF REVIEW

WELL NAME	LOCATION		SURFACE CASING			PRODUCTION CASING			PERFORATION DEPTHS and STIMULATION	INITIAL POTENTIAL TEST DATA and REMARKS
	FOOTAGE (QTR-QTR)	SEC-TWP-RNG	DATE	TOTAL DEPTH	HOLE SIZE	CSG	DEPTH	HOLE SIZE		
							DEPTH / SET / CEMENT	CSG / SIZE / SET / CEMENT		
SELLERS #1	660' FSL & 660' FWL (SW/4 SW/4)	3-8S-30E	9-17-66	3402	12-1/4	8-5/8	450 / 300 sx-circ	7-7/8 / 4-1/2 / 3402 / 800 sx TOC @ 843 (calc)	3252-53, 65-69, 72-74, 75-80	12-27-66: Pmpd 1 B0 + 18 BW in 24 hrs TEMPORARILY ABANDONED
									3320-37, 45-49, 55-63	
									A/ 3252-3363 w/2000 gals	
CROSBY "B" #2	660' FSL & 1980' FWL (NW/4 NE/4)	9-8S-30E	10-11-67	3431	12-1/4	8-5/8	318 / 250 sx-circ	7-7/8 / 4-1/2 / 3431 / 300 sx TOC @ 2471 (calc)	FRAC/ 3252-3363 w/30000 gals oil + 30000 # sd.	12-11-68: Converted to SMD well Wellname changed to: Cato SMD System Well #1 (See attached information)
									A/ 3252-3363 w/3000 gals 28% + 3000 gals fr. wtr.	
									A/ 3296-3334 w/3000 gals	
CROSBY "C" #2	1980' FSL & 1980' FWL (NE/4 SW/4)	9-8S-30E	6-28-67	3404	11	8-5/8	260 / 250 sx-circ	7-7/8 / 4-1/2 / 3404 / 300 sx TOC @ 2444 (calc)	A/ 3296-3334 w/3000 gals	10-10-79: PLUGGED & ABANDONED (See attached well schematic and information)
									A/ 3378-92 w/1500 gals 20%	
									3161-95, 3311-17, 21-30, 37-42	
CROSBY "H" #1	1980' FNL & 660' FWL (SW/4 NW/4)	9-8S-30E	4-25-67	3350	12-1/4	8-5/8	476 / 300 sx-circ	7-7/8 / 4-1/2 / 3350 / 600 sx TOC @ 1431 (calc)	A/ 3161-3342 w/4000 gals 28%	10-25-67: SWbd 24 B0 + 96 BLW Gas NA in 24 hrs, gr. 25.2
									3225, 27, 31, 35, 39, 45, 52-57, 62-75	
									A/ 3225-3275 w/3000 gals 15%	
GRIMM FEDERAL #1	660' FSL & 1980' FEL (SW/4 SE/4)	9-8S-30E	3-4-67	3467	12-1/4	8-5/8	482 / 300 sx-circ	7-7/8 / 4-1/2 / 3467 / 800 sx TOC @ 908 (calc)	A/ 3100-60, 3260-94	5-9-67: FLwd 165 B0 + 7 BW Gas NA in 11 hrs on 10/64 Ch., gr. 26.7, TPF 200, CPF 0
									A/ 3100-60 w/3000 gals 28%	
									A/ 3260-94 w/3000 gals 28%	
GRIMM FEDERAL #2	1980' FSL & 1980' FEL (NW/4 SE/4)	9-8S-30E	6-22-67	3435	11	8-5/8	260 / 250 sx-circ	7-7/8 / 4-1/2 / 3435 / 300 sx TOC @ 2475 (calc)	3232-72, 3302-46	3-16-67: FLwd 153 B0 + 0 BW + 103 MCFG in 12 hrs on 17/64 Ch., gr. 25.2, GOR 672, TPF 220, CPF 50
									A/ 3232-3346 w/5000 gals 28%	
									3210-43, 3313-29, 61-81	
GRIMM FEDERAL #2	1980' FSL & 1980' FEL (NW/4 SE/4)	9-8S-30E	6-22-67	3435	11	8-5/8	260 / 250 sx-circ	7-7/8 / 4-1/2 / 3435 / 300 sx TOC @ 2475 (calc)	A/ 3210-43, 3313-29, 61-81	6-30-67: FLwd 68 B0 + 45 BLW Gas NA in 16 hrs on 16/64 Ch., gr. 26.2, TPF 50
									A/ 3210-3381 w/4000 gals 28%	

WELL NAME	LOCATION		SURFACE CASING			PRODUCTION CASING			PERFORATION DEPTHS and STIMULATION	INITIAL POTENTIAL TEST DATA and REMARKS
	FOOTAGE (QTR-QTR)	SEC-TWP-RNG	DATE SPUDDED	TOTAL DEPTH	HOLE SIZE	CSG / SIZE / SET / CEMENT	HOLE SIZE	CSG / SIZE / SET / CEMENT		
UT CROSBY "1" #6	660' FSL & 660' FEL (SE/4 SE/4)	9-8S-30E	1-28-67	3450	12-1/4	8-5/8 / 507 / 300 sx-circ	7-7/8	4-1/2 / 3448 / 300 sx TOC @ 2530 (temp. survey)	3283-3310, 3342-84 A/ 3283-3310 w/3000 gals 15% A/ 3342-84 w/4000 gals 15%	2-9-67: FLwd 170 B0 + 3 BAW Gas TSTM in 12 hrs on 16/64 Ch., TPF 250
UT CROSBY "2" #8	1980' FNL & 1980' FWL (SE/4 NW/4)	9-8S-30E	3-18-67	3500	12-1/4	8-5/8 / 536 / 300 sx-circ	7-7/8	4-1/2 / 3497 / 500 sx TOC @ 2380 (temp. survey)	3307-24 A/ 3307-24 w/2000 gals 15%	3-27-67: FLwd 162 B0 + 9 BAW Gas TSTM in 12 hrs on 12/64 Ch., gr. 27, TPF 110
UT CROSBY "2" #10	660' FNL & 1980' FWL (NE/4 NW/4)	9-8S-30E	4-29-67	3500	12-1/4	8-5/8 / 530 / 300 sx-circ	7-7/8	4-1/2 / 3494 / 300 sx TOC @ 2220 (temp. survey)	3349-61, 68-80 A/ 3349-80 w/3000 gals 15% 3328-42 A/ 3328-42 w/2000 gals 15% Sqzd/ 3328-80 w/100 sx cmt 3270-90 A/2500 gals 15% & 3000 gals 28% 3172-98 A/3000 gals 15% & 5000 gals 28%	6-5-67: FLwd 64 B0 + 11 BW Gas TSTM in 12 hrs on 20/64 Ch., gr. 27
UT WINKLER FED #1	1980' FNL & 660' FEL (SE/4 NE/4)	9-8S-30E	12-30-66	3610	12-1/4	8-5/8 / 511 / 300 sx-circ	7-7/8	4-1/2 / 3603 / 250 sx TOC @ 2770 (temp. survey)	3409-23 A/1500 gals 15% Sqzd 3409-23 3322-58 A/3000 gals 15% 3262-88 A/2500 gals 15%	1-15-67: FLwd 165 B0 + 53 BW Gas TSTM in 20 hrs on 30/64 Ch., gr. 27, TPF 125
ABKO FEDERAL #2	1980' FNL & 1980' FEL (SW/4 NE/4)	10-8S-30E	7-17-66	3548	11	8-5/8 / 465 / 300 sx-circ	7-7/8	4-1/2 / 3548 / 800 sx TOC @ 989 (calc)	3300-07, 17-25, 27-36, 72-80, 85-89, 95-02, 3408-14 A/ 3300-3414 w/2000 gals	7-31-66: FLwd 73 B0 + 2 BLW + 61 MCFG in 5 hrs on 18/64 Ch., GOR 840, gr. 25.5
CROSBY "E" #1	660' FSL & 660' FWL (SW/4 SW/4)	10-8S-30E	12-24-66	3492	12-1/4	8-5/8 / 450 / 300 sx-circ	7-7/8	4-1/2 / 3492 / 800 sx TOC @ 933 (calc)	3388-3430 A/3000 gals 28% Sqzd/ 3388-3430 w/150 sx cmt 3303-52 A/3000 gals 28%	1-8-67: SWbd & FLwd 175 B0 + 1 BLW + 91 MCFG in 24 hrs on 10/64 Ch, GOR 520, gr. 26.8, TPF 200, CPF 250
CROSBY "E" #2	1980' FSL & 660' FWL (NW/4 SW/4)	10-8S-30E	8-11-67	1493	12-1/4	8-5/8 / 288 / 250 sx-circ	--	None --	Lost hole--Could not break circ.	8-21-67: PLUGGED & ABANDONED (See attached information)

WELL NAME	LOCATION			SURFACE CASING			PRODUCTION CASING			PERFORATION DEPTHS and STIMULATION	INITIAL POTENTIAL TEST DATA and REMARKS
	FOOTAGE (QTR-QTR)	SEC-TWP-RNG	DATE SPUDDED	HOLE SIZE	CSG / SIZE	DEPTH / SET / CEMENT	HOLE SIZE	CSG / SIZE	DEPTH / SET / CEMENT		
CROSBY "E" #2-Y	1650' FSL & 660' FWL (NW/4 SW/4)	10-8S-30E	8-21-67	12-1/4	8-5/8	320 / 250 sx-circ	7-7/8	4-1/2	3445 / 300 sx TOC @ 2485 (calc)	3270-3308 A/3000 gals 3361-66, 70-77, 86-92 A/3000 gals 28%	9-2-67: SWbd 106 BO + 69 BLW Gas TSTM in 24 hrs, gr. 26
UT CROSBY "1" #1	1980' FSL & 1980' FWL (NE/4 SW/4)	10-8S-30E	11-11-66	12-1/4	8-5/8	507 / 300 sx-circ	7-7/8	4-1/2	3596 / 450 sx TOC @ 2200 (temp. survey)	3308-32, 3370-3416 A/ 3308-3416 w/2750 gals 15%	11-22-66: Flwd 120 BO + 25 BW Gas TSTM in 24 hrs on 3/4 Ch., TPF 50
QUEEN #1	660' FNL & 1980' FWL (NE/4 NW/4)	10-8S-30E	8-18-66	12-1/4	8-5/8	452 / 300 sx-circ	7-7/8	4-1/2	3420 / 800 sx TOC @ 861 (calc)	3263-65, 73-86, 89-94, 3329-49, 51-61, 68-71 A/ 3263-3371 w/2000 gals & FRAC w/30000 gals oil, 40500 # sd. + 3000 # beads	9-3-66: SWbd 63 BLO + 72 BNO + 0 BW + 19 MCFG in 12 hrs, gr. 25.1, GOR 540
QUEEN #3	1980' FNL & 1980' FWL (SE/4 NW/4)	10-8S-30E	11-15-67	12-1/4	8-5/8	296 / 250 sx-circ	7-7/8	4-1/2	3453 / 300 sx TOC @ 2493 (calc)	3280-86, 96-04, 3308-20 3354-81, 85-90 A/ 3280-3390 w/5000 gals 20% followed w/1000 gals gelled-acid	11/67: SWbd 147 BO + 30 BLW + 68 MCFG in 24 hrs, gr. 25.7, GOR 460
STATE "H" #2	660' FNL & 660' FEL (NE/4 NE/4)	16-8S-30E	2-2-67	12-1/4	8-5/8	450 / 300 sx-circ	7-7/8	4-1/2	3450 / 360 sx TOC @ 2078 (temp. survey)	3309, 11, 13, 16, 19, 20, 21, 25, 31, 33, 36, 38 A/ 3309-38 w/8000 gals 28%	2-13-67: Flwd 140 BO + 14 BW Gas TSTM in 3 hrs on 48/64 Ch., gr. 26.4, TPF 160



RECEIVED

JUN 8 1989

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

CHRISTY LAW OFFICES

S. E. REYNOLDS
STATE ENGINEER

BATAAN MEMORIAL BUILDING
STATE CAPITOL
SANTA FE, NEW MEXICO 87503

June 6, 1989

S.B. Christy IV, Esq.
Christy Law Offices
P.O. Box 569
Roswell, New Mexico 88202-0569

Re: Proposed Cato Unit, Chavez County, New Mexico

Dear Mr. Christy:

The State Engineer has asked me to respond to your May 30, 1989 letter regarding the proposed waterflood project in the Cato Unit, encompassing 15,321.83 acres, per the exhibit "A" you attached.

Please be advised, that the Cato Unit is not within a declared underground water basin administered by the State Engineer, and as such, no permit is required from this office to drill a well and appropriate groundwater for beneficial use. The ground water also belongs to the public and is subject to the doctrine of prior appropriation and as such owners of prior water rights have recourse to the courts if they believe that their water rights would be impaired by a new or later use. In seeking an injunction or damages, the owners of the prior right would have the burden of proof.

I am not able to furnish any specific information on wells within or near the Cato Unit other than 1981 water levels measured in six wells located approximately six to ten miles east of the Cato Unit as follows:

<u>Location</u>	<u>Owner</u>	<u>Water Level (in feet) Below Land Surface</u>
95.32E.11.244	Lewis Cooper Estate	105.55
95.32E.21.212	Lewis Cooper Estate	70.13
95.32E.25.113	J. McGuffin	153.94
95.32E.31.412	Caprock Ranch	208.43
95.32E.32.412	Caprock Ranch	183.56

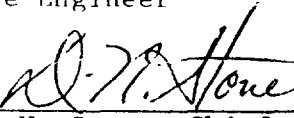
All of the above referenced wells are producing water from the Chinle Formation according to the USGS/SEO Basic Data Report - "Ground-Water Levels in the New Mexico, 1978-1980."

Page 2 of 2
S.E. Christy IV, Esq.

Please let me know if further discussion of this matter would be helpful.

Sincerely,

S.E. Reynolds
State Engineer

By: 
D.N. Stone, Chief
Water Rights Division

DNS/sb
encl
cc: Glenn Brim, Roswell Office

Attachment for Item XIII on Form C-108

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF KELT OIL & GAS,
INC. FOR STATUTORY UNITIZATION,
APPROVAL OF A UNIT, AND FOR AUTHORITY
TO INSTITUTE A WATER FLOOD PROJECT,
CHAVES COUNTY, NEW MEXICO.

No. _____

CERTIFICATE OF SERVICE

The undersigned attorney does hereby certify that he did on the 13th day of July, 1989 mail a true and correct copy of the Application, with form C-108 to:

Name

Address

Violet B. P. Queen

848 Superior
Jacksonville, Florida 32205

Certified Mail No. P 665 397 557

Frates Seeligson

1604 National Bank of Commerce Bldg.
San Antonio, Texas 78205

Certified Mail No. P 665 397 558

Yates Energy Corporation

P. O. Box 2323
Roswell, New Mexico 88201

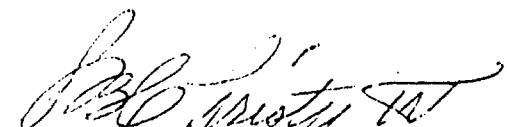
Certified Mail No. P 665 397 559

Kelt New Mexico, Inc.

363 N. Belt, Suite 1000
Houston, Texas 77060

Certified Mail No. P 665 397 560

That he did take such action for and in behalf of the Applicant
Kelt Oil & Gas, Inc.



S. B. Christy IV
P. O. Box 569
Roswell, New Mexico 88201
(505) 625-2021