

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: ☒ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ Yes ☐ No

II. OPERATOR: M. E. W. Enterprises

ADDRESS: 300 S. Kentucky, Roswell, NM 88203

CONTACT PARTY: Russell Whited PHONE: (505) 627-2065

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; 300 bwpd - 1,100 bwpd
2. Whether the system is open or closed; Closed
3. Proposed average and maximum injection pressure; Average 300, maximum 510.
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, Reinjected Produced Water
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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any. None

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). Well logs have been previously submitted.

*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 sources 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: Jim Pierce TITLE: Agent

SIGNATURE: [Signature] DATE: May 14, 2003

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

JIM PIERCE

OIL AND GAS PROPERTIES
SUITE 859
PETROLEUM BUILDING
200 WEST FIRST
ROSWELL, NEW MEXICO 88203

PHONE 505-622-7246
FAX 505-622-1711
EMAIL: jplandman@dfn.com

June 17, 2003

Ganada, Inc.
P. O. Box 9
Sudan, Texas 79371

Attention: Mr. Kent Gable

RE: Formal Notice of Water Disposal Application
Section 25: Unit Well #302/SW/4SE/4.
T8S, R28E, NMPM

Section 31: Unit Well #326/SE/4SW/4
T8S, R29E, NMPM

Section 6: Unit Well # 333/NW/4SE/4
T9S, R29E, NMPM,
Chaves County, NM

Dear Mr. Gable:

On behalf of Mr. Russell Whited, d/b/a/ M.E.W. Enterprises, owner and operator of the Twin Lakes San Andres Unit, this letter shall serve as formal notice that Application For Authorization To Inject, concerning the captioned wells (plat enclosed), has been submitted to the Oil Conservation Division of the State of New Mexico Energy, Minerals and Natural Resources Department for approval to designate subject wells for water disposal/injection into the producing offset San Andres formation.

This "unit" contains numerous, approved water disposal/injection wells, many of which are located on Ganada, Inc. surface estate.

Interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505, within fifteen (15) days of receipt of this notice.

We appreciate your help and consideration in this matter.

Truly,

Jim Pierce, RLP

Encl.

Xc: M.E.W. Enterprises

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

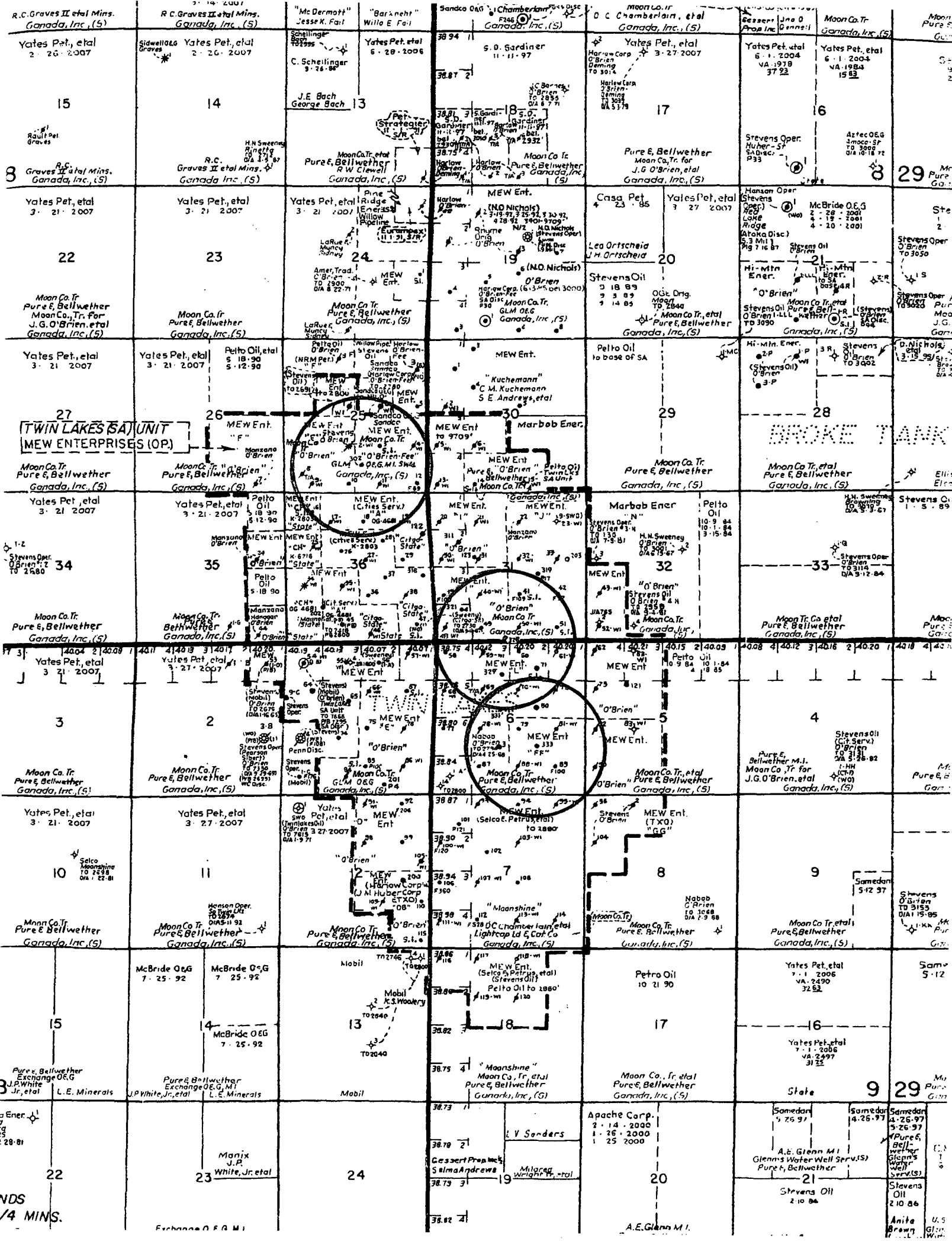
58EE 2HEB 0000 0940 2002

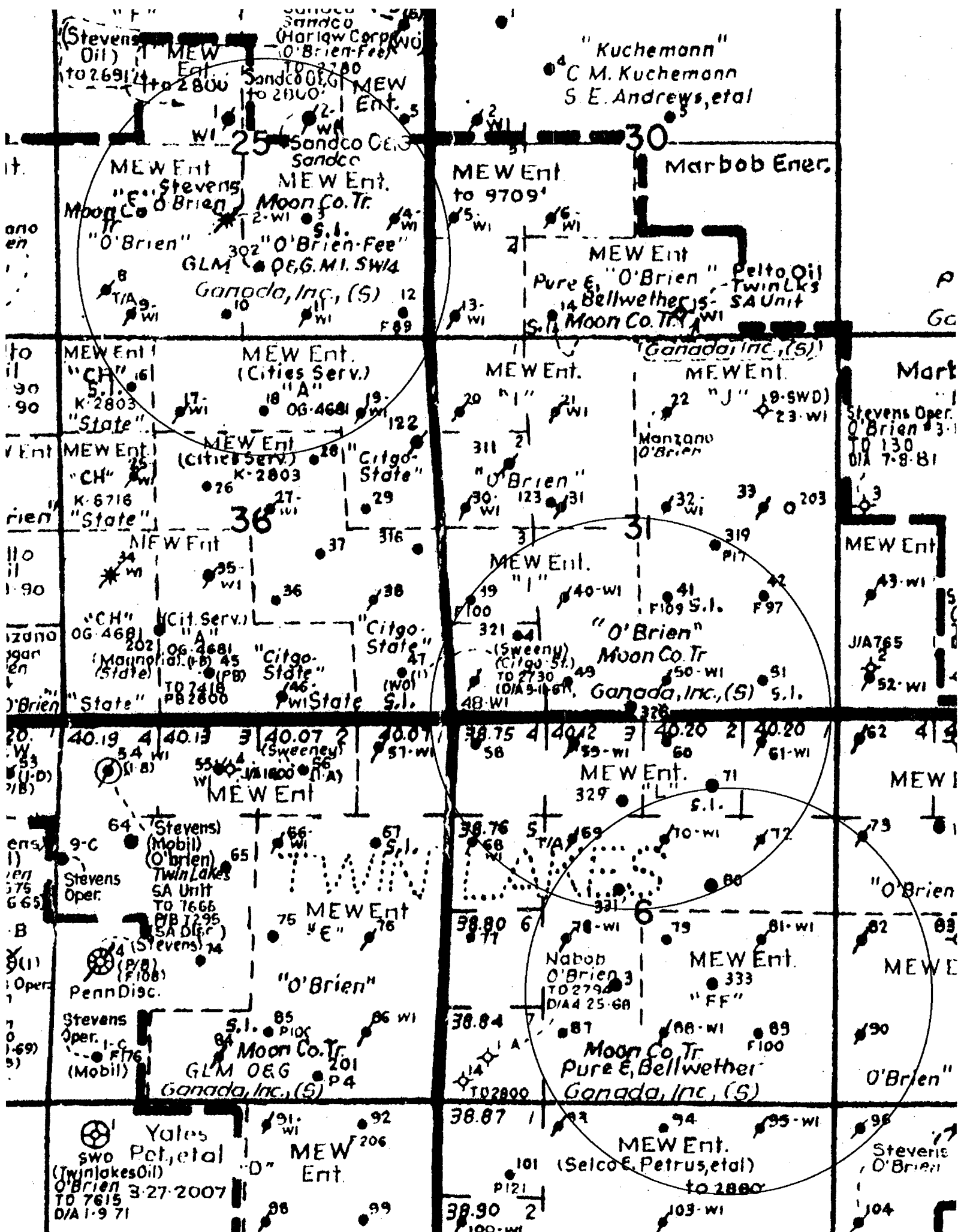
OFFICIAL USE	
Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.42

UNIT ID# 0602
Postmark Here
JUN 18 2003
KCT7M4
06/18/03

Sent To
Ganada, Inc.
Street, Apt. No.;
or PO Box No. P. O. Box 9
City, State, ZIP+ 4 Sudan, Texas 79371

PS Form 3800, January 2001 See Reverse for Instructions





<u>API</u>	<u>LEASE NAME</u>	<u>#</u>	<u>OPERATOR NAME</u>	<u>LOCATION</u>	<u>FIELD NAME</u>	<u>STATUS</u>	<u>OD_ZONE NA</u>	<u>OIL_CUM</u>	<u>GAS_CUM</u>	<u>WTR_CUM</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
3000562070	TWIN LAKES SAN ANDRES UNI	1	M E W ENTERPRISE	25F 8S 28E	TWIN LAKES	INA	SAN ANDRES	1,521	1,754	14,791	33.59149	-104.04282
3000562111	SANDCO	2	SANDCO OIL & GAS INC	25G 8S 28E	TWIN LAKES	P/A	SAN ANDRES	1,386	1,709	2,743	33.59151	-104.03852
3000560648	TWIN LAKES SAN ANDRES UNI	2	M E W ENTERPRISE	25K 8S 28E	TWIN LAKES	ACT	SAN ANDRES	18,677	76,085	15,539	33.58783	-104.04282
3000560601	TWIN LAKES SAN ANDRES UNI	3	M E W ENTERPRISE	25J 8S 28E	TWIN LAKES	INA	SAN ANDRES	62,011	55,885	526,886	33.58786	-104.03852
3000560579	TWIN LAKES SAN ANDRES UNI	4	M E W ENTERPRISE	25I 8S 28E	TWIN LAKES	ACT	SAN ANDRES	16,868	5,530	29,707	33.58790	-104.03418
3000560492	TWIN LAKES SAN ANDRES UNI	8	M E W ENTERPRISE	25M 8S 28E	TWIN LAKES	INA	SAN ANDRES	226	870	1,720	33.58506	-104.04825
3000560598	TWIN LAKES SAN ANDRES UNI	9	M E W ENTERPRISE	25M 8S 28E	TWIN LAKES	ACT	SAN ANDRES	9,299	24,210	17,514	33.58416	-104.04717
3000560571	TWIN LAKES SAN ANDRES UNI	10	M E W ENTERPRISE	25N 8S 28E	TWIN LAKES	INA	SAN ANDRES	69,820	140,310	59,016	33.58420	-104.04283
3000560563	TWIN LAKES SAN ANDRES UNI	11	M E W ENTERPRISE	25O 8S 28E	TWIN LAKES	ACT	SAN ANDRES	83,735	60,447	118,218	33.58423	-104.03852
3000560578	TWIN LAKES SAN ANDRES UNI	12	M E W ENTERPRISE	25P 8S 28E	TWIN LAKES	INA	SAN ANDRES	27,158	13,831	108,496	33.58427	-104.03418
3000560470	TWIN LAKES SAN ANDRES UNI	16	M E W ENTERPRISE	36D 8S 28E	TWIN LAKES	ACT	SAN ANDRES	17,917	56,737	127,621	33.58144	-104.04711
3000560039	TWIN LAKES SAN ANDRES UNI	17	M E W ENTERPRISE	36C 8S 28E	TWIN LAKES	ACT	SAN ANDRES	69,882	71,127	8,582	33.58055	-104.04492
3000560536	TWIN LAKES SAN ANDRES UNI	18	M E W ENTERPRISE	36B 8S 28E	TWIN LAKES	INA	SAN ANDRES	93,179	58,665	1,428,036	33.58059	-104.04060
3000560560	TWIN LAKES SAN ANDRES UNI	19	M E W ENTERPRISE	36A 8S 28E	TWIN LAKES	ACT	SAN ANDRES	75,711	90,736	7,998	33.58062	-104.03627
3000560334	TWIN LAKES SAN ANDRES UNI	25	M E W ENTERPRISE	36E 8S 28E	TWIN LAKES	ACT	SAN ANDRES	12,898	43,690	4,459	33.57817	-104.04701
3000560031	TWIN LAKES SAN ANDRES UNI	26	M E W ENTERPRISE	36F 8S 28E	TWIN LAKES	ACT	SAN ANDRES	115,060	72,681	129,162	33.57784	-104.04375
3000560521	TWIN LAKES SAN ANDRES UNI	27	M E W ENTERPRISE	36G 8S 28E	TWIN LAKES	ACT	SAN ANDRES	80,432	65,966	2,918	33.57696	-104.04049
3000561633	TWIN LAKES SAN ANDRES UNI	28	M E W ENTERPRISE	36G 8S 28E	TWIN LAKES	ACT	SAN ANDRES	30,650	14,417	446,873	33.57879	-104.03838
3000560695	TWIN LAKES SAN ANDRES UNI	31	ENERGY DEVEL. CORP.	31F 8S 29E	TWIN LAKES	P/A	SAN ANDRES	50,093	59,640	81,456	33.57711	-104.02749
3000560795	TWIN LAKES SAN ANDRES UNI	32	M E W ENTERPRISE	31G 8S 29E	TWIN LAKES	ACT	SAN ANDRES	60,696	37,355	7,692	33.57717	-104.02330
3000560657	TWIN LAKES SAN ANDRES UNI	39	M E W ENTERPRISE	31 8S 29E	TWIN LAKES	ACT	SAN ANDRES	126,396	63,849	694,522	33.57345	-104.03171
3000560696	TWIN LAKES SAN ANDRES UNI	40	M E W ENTERPRISE	31K 8S 29E	TWIN LAKES	ACT	SAN ANDRES	42,156	45,023	16,907	33.57348	-104.02737
3000560768	TWIN LAKES SAN ANDRES UNI	41	M E W ENTERPRISE	31J 8S 29E	TWIN LAKES	INA	SAN ANDRES	73,506	82,368	297,248	33.57351	-104.02321
3000560802	TWIN LAKES SAN ANDRES UNI	42	M E W ENTERPRISE	31I 8S 29E	TWIN LAKES	INA	SAN ANDRES	77,524	74,263	362,260	33.57354	-104.01888
3000560697	TWIN LAKES SAN ANDRES UNI	48	M E W ENTERPRISE	31 8S 29E	TWIN LAKES	ACT	SAN ANDRES	22,423	45,825	30,165	33.57048	-104.03162
3000560767	TWIN LAKES SAN ANDRES UNI	49	M E W ENTERPRISE	31N 8S 29E	TWIN LAKES	ACT	SAN ANDRES	86,239	45,742	781,626	33.57049	-104.02728
3000560796	TWIN LAKES SAN ANDRES UNI	50	M E W ENTERPRISE	31O 8S 29E	TWIN LAKES	ACT	SAN ANDRES	83,791	114,755	15,026	33.57052	-104.02314
3000560810	TWIN LAKES SAN ANDRES UNI	51	M E W ENTERPRISE	31P 8S 29E	TWIN LAKES	INA	SAN ANDRES	83,111	65,024	65,243	33.57055	-104.01881
3000561031	TWIN LAKES SAN ANDRES UNI	58	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	ACT	SAN ANDRES	42,000	21,885	82,737	33.56801	-104.03162
3000560807	TWIN LAKES SAN ANDRES UNI	59	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	ACT	SAN ANDRES	19,443	24,129	3,929	33.56804	-104.02695
3000560824	TWIN LAKES SAN ANDRES UNI	60	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	INA	SAN ANDRES	114,944	63,836	1,201,193	33.56807	-104.02315
3000560920	TWIN LAKES SAN ANDRES UNI	61	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	ACT	SAN ANDRES	53,698	61,617	1,479	33.56810	-104.01882
3000561007	TWIN LAKES SAN ANDRES UNI	68	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	ACT	SAN ANDRES	25,454	34,952	9,583	33.56438	-104.03183
3000560984	TWIN LAKES SAN ANDRES UNI	69	M E W ENTERPRISE	6F 9S 29E	TWIN LAKES	ACT	SAN ANDRES	61,285	43,071	124,026	33.56441	-104.02749
3000560885	TWIN LAKES SAN ANDRES UNI	70	M E W ENTERPRISE	6G 9S 29E	TWIN LAKES	ACT	SAN ANDRES	74,821	118,202	11,751	33.56444	-104.02333
3000562212	TWIN LAKES SAN ANDRES UNI	71	M E W ENTERPRISE	6 9S 29E	TWIN LAKES	ACT	SAN ANDRES	41,400	2,550	1,349,105	33.56638	-104.02115
3000560886	TWIN LAKES SAN ANDRES UNI	72	MANZANO OIL CORP.	6H 9S 29E	TWIN LAKES	P/A	SAN ANDRES	106,706	60,639	393,104	33.56447	-104.01900
3000560983	TWIN LAKES SAN ANDRES UNI	73	MANZANO OIL CORP.	5E 9S 29E	TWIN LAKES	P/A	SAN ANDRES	40,641	24,055	5,446	33.56449	-104.01466
3000560995	TWIN LAKES SAN ANDRES UNI	78	M E W ENTERPRISE	6K 9S 29E	TWIN LAKES	ACT	SAN ANDRES	90,881	139,282	7,292	33.56083	-104.02769
3000560982	TWIN LAKES SAN ANDRES UNI	79	M E W ENTERPRISE	6J 9S 29E	TWIN LAKES	ACT	SAN ANDRES	158,986	59,487	845,653	33.56088	-104.02351
3000562213	TWIN LAKES SAN ANDRES UNI	80	M E W ENTERPRISE	6G 9S 29E	TWIN LAKES	ACT	SAN ANDRES	64,522	17,812	1,127,548	33.56264	-104.02134
3000560993	TWIN LAKES SAN ANDRES UNI	81	M E W ENTERPRISE	6I 9S 29E	TWIN LAKES	ACT	SAN ANDRES	88,540	50,197	12,216	33.56093	-104.01917
3000560994	TWIN LAKES SAN ANDRES UNI	82	MANZANO OIL CORP.	5L 9S 29E	TWIN LAKES	P/A	SAN ANDRES	42,025	11,610	78,243	33.56095	-104.01483
3000561030	TWIN LAKES SAN ANDRES UNI	87	M E W ENTERPRISE	6N 9S 29E	TWIN LAKES	INA	SAN ANDRES	5,198	8,592	4,743	33.55725	-104.02738
3000561006	TWIN LAKES SAN ANDRES UNI	88	M E W ENTERPRISE	6O 9S 29E	TWIN LAKES	ACT	SAN ANDRES	66,252	33,513	5,010	33.55725	-104.02369
3000561022	TWIN LAKES SAN ANDRES UNI	89	M E W ENTERPRISE	6P 9S 29E	TWIN LAKES	ACT	SAN ANDRES	127,074	75,320	743,975	33.55730	-104.01935
3000561033	TWIN LAKES SAN ANDRES UNI	90	MANZANO OIL CORP.	5M 9S 29E	TWIN LAKES	P/A	SAN ANDRES	52,493	19,722	24,251	33.55732	-104.01501
3000561106	TWIN LAKES SAN ANDRES UNI	94	M E W ENTERPRISE	7B 9S 29E	TWIN LAKES	ACT	SAN ANDRES	90,237	23,561	69,360	33.55362	-104.02382
3000561107	TWIN LAKES SAN ANDRES UNI	95	M E W ENTERPRISE	7A 9S 29E	TWIN LAKES	ACT	SAN ANDRES	38,151	9,276	10,433	33.55367	-104.01949

3000561076	TWIN LAKES SAN ANDRES UNI	96	MANZANO OIL CORP.	8D 9S 29E	TWIN LAKES	P/A	SAN ANDRES	7,648	1,099	15,414	33.55370	-104.01515
3000562845	TWIN LAKES SAN ANDRES UNI	123	M E W ENTERPRISE	31F 8S 29E SE NW	TWIN LAKES	ACT	SAN ANDRES	27,553		550,620	33.57712	-104.02750
3000563191	TWIN LAKES SAN ANDRES UNI	302	M E W ENTERPRISE	25N 8S 28E SW SE	TWIN LAKES	INA	SAN ANDRES	278		7,033	33.58592	-104.04069
3000563187	TWIN LAKES SAN ANDRES UNI	319	M E W ENTERPRISE	31J 8S 29E NW SE	TWIN LAKES	ACT	SAN ANDRES	1,470		22,588	33.57534	-104.02109
3000563188	TWIN LAKES SAN ANDRES UNI	321	M E W ENTERPRISE	31 8S 29E SW SW	TWIN LAKES	ACT	SAN ANDRES	2,820		20,273	33.57198	-104.02949
3000563189	TWIN LAKES SAN ANDRES UNI	326	M E W ENTERPRISE	31N 8S 29E SE SW	TWIN LAKES	INA	SAN ANDRES	492		26,969	33.56927	-104.02475
3000563190	TWIN LAKES SAN ANDRES UNI	329	M E W ENTERPRISE	6 9S 29E NE NW	TWIN LAKES	ACT	SAN ANDRES	4,709		37,384	33.56583	-104.02524
3000563192	TWIN LAKES SAN ANDRES UNI	331	M E W ENTERPRISE	6F 9S 29E SE NW	TWIN LAKES	ACT	SAN ANDRES	5,512		29,460	33.56261	-104.02542
3000563193	TWIN LAKES SAN ANDRES UNI	333	M E W ENTERPRISE	6J 9S 29E NW SE	TWIN LAKES	INA	SAN ANDRES	504		28,159	33.55914	-104.02143
								5,747,185	5,927,105	24,435,297		

Wells within 1/2 mile radius of Injection wells

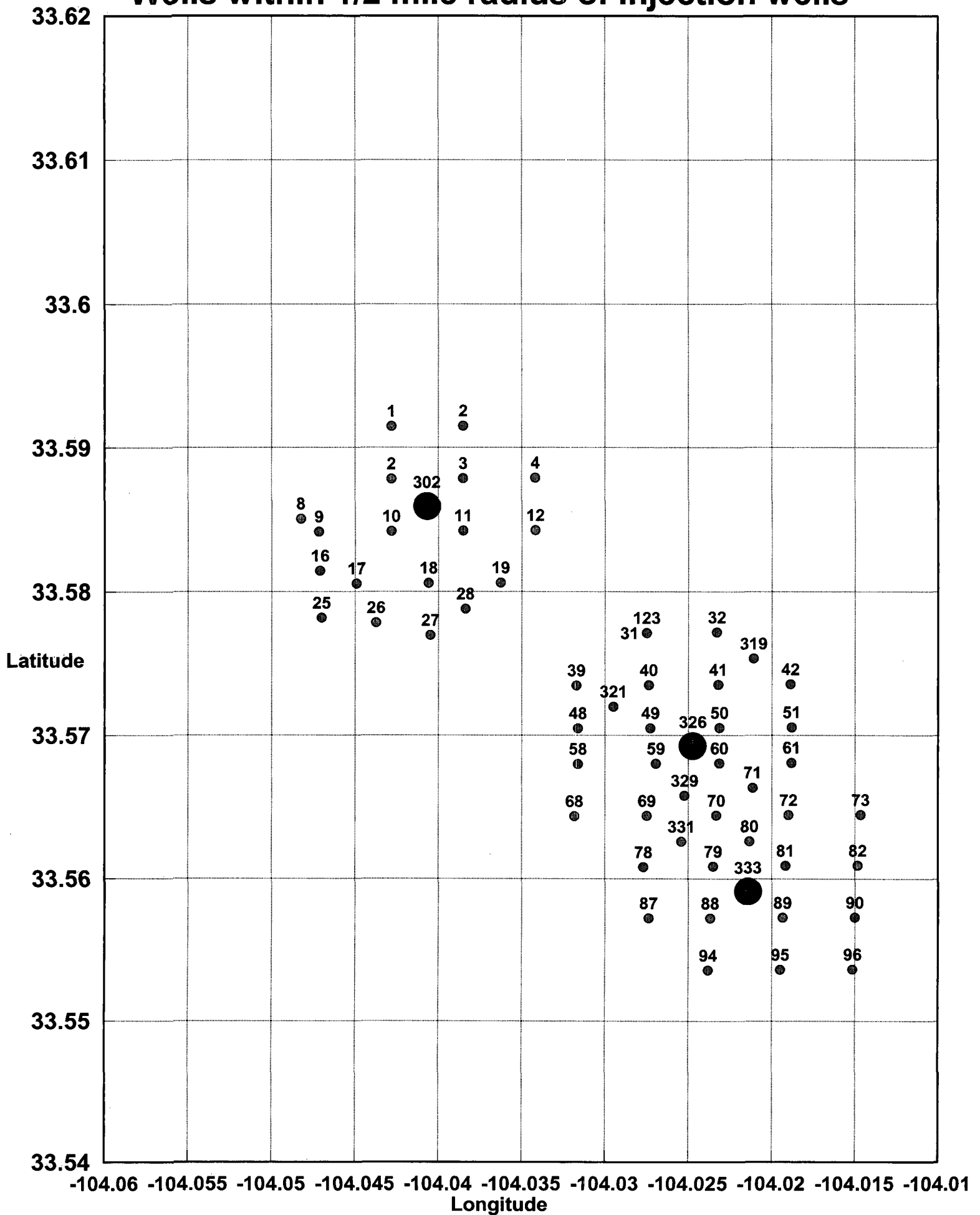


EXHIBIT TO NMOCD C-108

8 5/8" @ 127'
Cemented w/ 120 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #1
(Stevens Operating Corp.)
(O'Brien Fee "F" #9)
2310' FNL & 2310' FWEL
Sec. 25F-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-62070
Spud Date: 12-20-83**

38

T. SADR 1955'

T.O.C. @ +/- 1800'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2590'-2620'

4 1/2" @ 2691'
Cemented w/ 200 sx.

✓

8 5/8" @ 125'
Cemented w/ 30 sx.
Circulated

T. 7 Rivers 960'

T. SADR 2065'

T.O.C. @ +/-1800'

SADR Perfs 2560'-2592'

4 1/2" @ 2700'
Cemented w/ 200 sx.

Sandco Oil & Gas, Inc.
Sandco #2
2310' FNL & 1650' FEL
Sec. 25G-T8S-R28E
Chaves County, New Mexico

API No.: 30-005-62111
Spud Date: 2-8-84

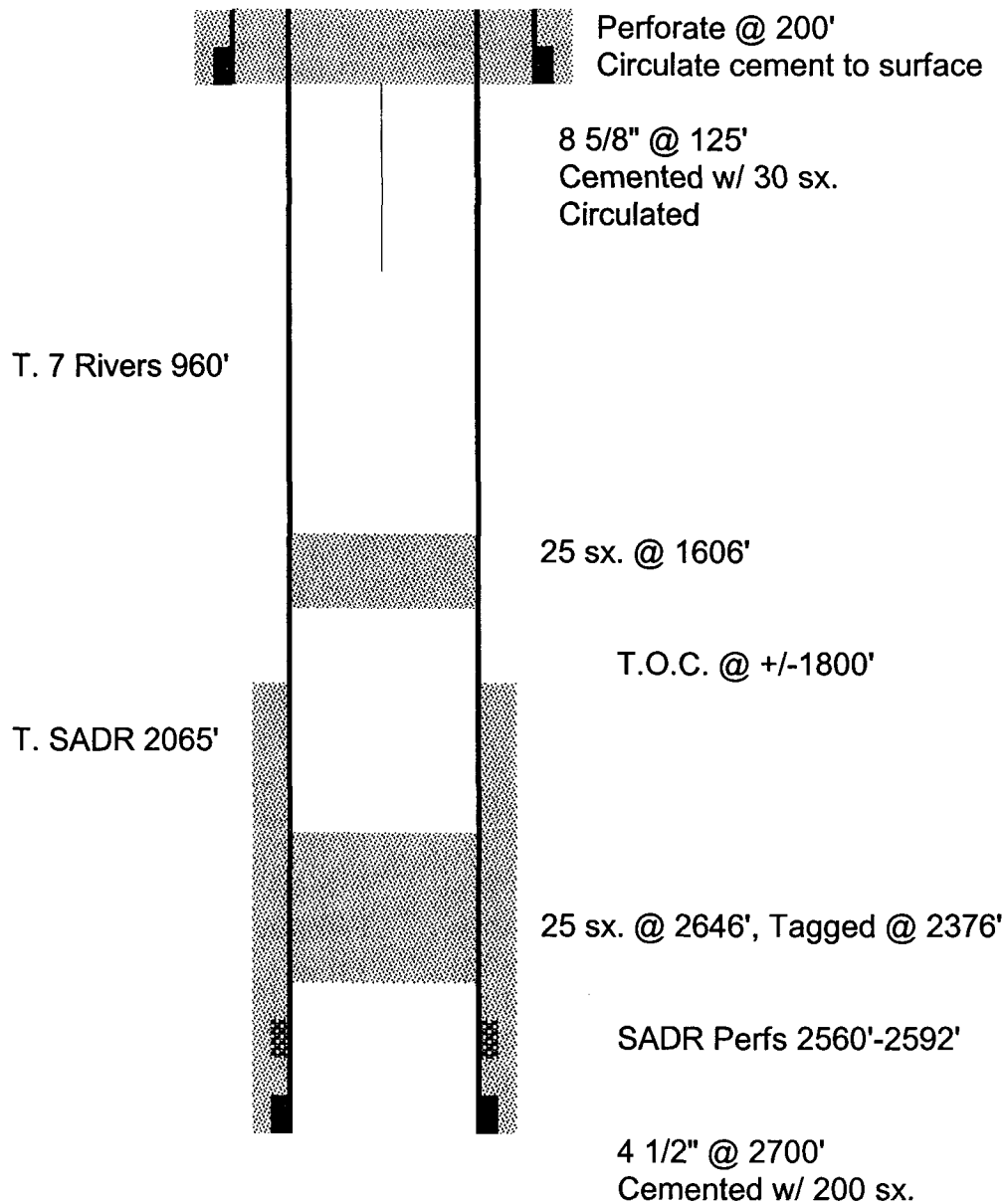
27

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill





Sandco Oil & Gas, Inc.
Sandco #2
2310' FNL & 1650' FEL
Sec. 25G-T8S-R28E
Chaves County, New Mexico

API No.: 30-005-62111
Spud Date: 2-8-84

27

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

EXHIBIT TO NMOCD C-108

8 5/8" @ 120'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #2
(Stevens Oil Company)
(O'Brien "F" #4)
1650' FSL & 2310' FWL
Sec. 25K-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60648
Spud Date: 3-4-80**

31

T. SADR 1942'

T.O.C. @ +/- 2200'

SADR Perfs 2566'-2697.5'

4 1/2" @ 2770'
Cemented w/ 125 sx.

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

579.5 ft. Fill

✓

EXHIBIT TO NMOCD C-108

8 5/8" @ 121'
Cemented w/ 75 sx.
Circulated

T. Yates 810'

T. Queen 1456'

T. SADR 1952'

T.O.C. @ +/- 2100'

SADR Perfs 2580'-2614'

5 1/2" @ 2830'
Cemented w/ 125 sx.

**M E W Enterprise
Twin Lakes SA Unit #3
(The Harlow Corporation)
(O'Brien Fee "25" #4)
1650' FSL & 1650' FEL
Sec. 25J-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60601
Spud Date: 11-19-79**

26

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

761.7 ft. Fill



EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit #4
(The Harlow Corporation)
(O'Brien Fee "25" #3)
1650' FSL & 330' FEL
Sec. 25I-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60579
Spud Date: 7-28-79**

21

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

T.O.C. @ +/- 2100'

761.7 ft. Fill

SADR Perfs 2610'-2628'

5 1/2" @ 2818'
Cemented w/ 125 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 120'
Cemented w/ 150 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #8
(Stevens Oil Company)
(O'Brien "F" #1)
660' FSL & 660' FWL
Sec. 25M-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60492
Spud Date: 2-27-78**

24

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T.O.C. @ +/- 1900'

695.3 ft. Fill

4 1/2" @ 2536'
Cemented w/ 150 sx.
Open Hole 2536'-2563'

T. SADR 1917'

EXHIBIT TO NMOCD C-108

8 5/8" @ 120'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #9
(Stevens Oil Company)
(O'Brien "F" #3)
330' FSL & 990' FWL
Sec. 25M-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60598
Spud Date: 10-11-79**

30

T. SADR 1912'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T.O.C. @ +/- 2200'

579.5 ft. Fill

SADR Perfs 2543'-2575'

4 1/2" @ 2763'
Cemented w/ 125 sx.



EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit #10
(Stevens Oil Company)
(O'Brien "F" #2)
330' FSL & 2310' FWL
Sec. 25N-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60571
Spud Date: 7-6-79**

25

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

1066.4 ft. Fill

8 5/8" @ 120'
Cemented w/ 75 sx.
Circulated

T.O.C. @ +/- 1700'

SADR perfs 2565'-2599'

5 1/2" @ 2713'
Cemented w/ 175 sx.

T. SADR 1929'



EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 655 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #11
(The Harlow Corporation)
(O'Brien Fee "25" #1)
330' FSL & 1650' FEL
Sec. 25O-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60563
Spud Date: 5-21-79**

23

T. Yates 811'

T. Queen 1462'

T. SADR 1960'

T.O.C. @ +/-2000'

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

761.7 ft. Fill

SADR Perfs 2592'-2630'

5 1/2" @ 2750'
Cemented w/ 125 sx.

✓

EXHIBIT TO NMOCD C-108

8 5/8" @ 127'
Cemented w/ 70 sx.
Circulated

T. Yates 850'

T. Queen 1498'

T. SADR 1990'

T.O.C. @ +/- 2000'

SADR Perfs 2613'-2633'

5 1/2" @ 2749'
Cemented w/ 125 sx.

**M E W Enterprise
Twin Lakes SA Unit #12
(The Harlow Corporation)
(O'Brien Fee "25" #2)
330' FSL & 330' FEL
Sec. 25P-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60578
Spud Date: 7-17-79**

20

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

761.7 ft. Fill

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit #16
(Stevens Oil Company)
(State "CH" Com. #3)
660' FNL & 990' FWL
Sec. 36D-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60470
Spud Date: 1-26-78**

33

8 5/8" @ 42'
Cemented w/ 200 sx.
Circulated

T.O.C. @ +/- 1700'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2540'-2583'

4 1/2" @ 2593'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

T. Anhy. 214'

T. Yates 778'

T. SaDR 1928'

T. PI 2408'

T. Slaughter 2544'

8 5/8" @ 320'
Cemented w/ 125 sx.
Circulated

T.O.C. @ +/- 2400'

SADR Perfs 2584'-2590'

4 1/2" @ 2602'
Cemented w/ 50 sx.

**M E W Enterprise
Twin Lakes SA Unit #17
(Twin Lakes Oil Co.)
(Citgo "A" State C #5)
990' FNL & 1650' FWL
Sec. 36C-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60039
Spud Date: 1-26-68**

34

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

231.8 ft. Fill

X

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 18
(Stevens Oil Company)
(Citgo "A" State #6)
990' FNL & 2310' FEL
Sec. 36B-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60536
Spud Date: 12-29-78**

29

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

8 5/8" @ 128'
Cemented w/ 50 sx.
Circulated

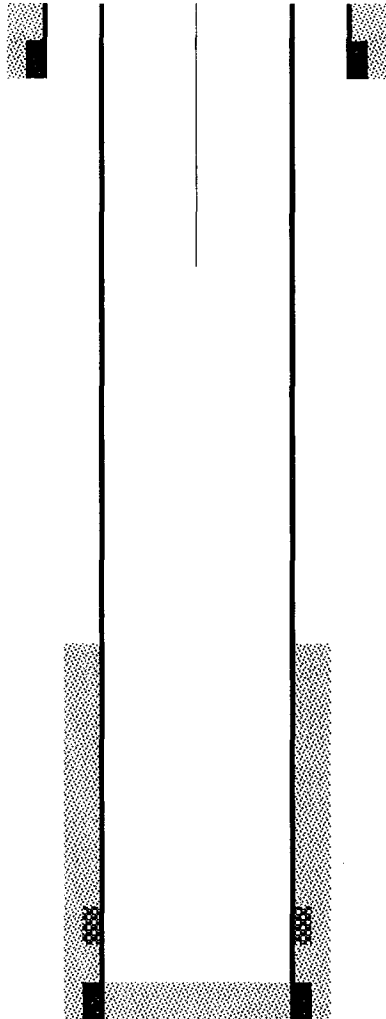
T.O.C. @ +/- 1800'

SADR Perfs 2589'-2632'

4 1/2" @ 2700'
Cemented w/ 200 sx.

T. SADR 1962'

EXHIBIT TO NMOCD C-108



8 5/8" @ 40'
Cemented w/ 2 cu.yds. Redi-mix
Circulated

**M E W Enterprise
Twin Lakes SA Unit #19
(Stevens Oil Company)
(Citgo "A" State #7)
990' FNL & 990' FEL
Sec. 36A-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60560
Spud Date: 4-15-79**

32

T.O.C @ +/- 1700'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

1043.0 ft. Fill

SADR Perfs 2609'-2655'

PBTD 2730'
4 1/2" @ 2750'
Cemented w/ 225 sx.



EXHIBIT TO NMOCD C-108

8 5/8" @ 82'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #25
(Stevens Operating Corp.)
(State "CH" Com.#2)
1850' FNL & 990' FWL
Sec. 36E-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60334
Spud Date: 3-5-75**

42

T.O.C. @ 1700'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2540'-2592'

4 1/2" @ 2595'
Cemented w/ 200 sx.

T. SADR

EXHIBIT TO NMOCD C-108

8 5/8" @ 320'
Cemented w/ 125 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #26
(H.N. Sweeney)
(Citgo State #4)
1980' FNL & 1980' FWL
Sec. 36F-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60031
Spud Date: 9-16-67**

41

T. Yates 780'

T. SADR 1937'

T. Slaughter 2554'

T.O.C. @ +/- 2200'

SADR Perfs 2598'-2608'

4 1/2" @ 2614'
Cemented w/ 100 sx.

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

463.6 ft. Fill

out of AOK

EXHIBIT TO NMOCD C-108

8 5/8" @ 40'
Cemented w/ 2 cu.yds. Redi-mix
Circulated

**M E W Enterprise
Twin Lakes SA Unit #27
(Stevens Operating Corp.)
(Citgo State #4)
2310' FNL & 2310' FEL
Sec. 36G-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-60521
Spud Date: 9-9-78**

40

T. SADR 1954'

T.O.C. @ 1800'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2581'-2620'

4 1/2" @ 2694'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #28
(Stevens Operating Corp.)
(Citgo State #7)
1650' FNL & 1650' FEL
Sec. 36G-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-61633
Spud Date: 6-11-82**

39

T.O.C. @ +/- 1800'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2611'-2647.5'

4 1/2" @ 2738'
Cemented w/ 200 sx.

T. SADR 1976'

PI Marker 2595'

EXHIBIT TO NMOCD C-108

Perforate @ 115', pumped
35 sx., circ. to surface

8 5/8" @ 122'
Cemented w/ 75 sx.
Circulated

Pumped 50 sx.
Squeeze retainer @ 1425'
Perforate @ 1525'

Casing parted @ 1814'
Spot 25 sx. cement @ 1962', reverse out @ 1551', tagged @ 1646'

T.O.C. @ +/- 2400'

Spot 25 sx. cement @ 2659', circulate out @ 2311', tagged @ 2438'
Spotted 15 sx @ 2438'
SADR Perfs 2691'-2722'

4 1/2" @ 2918'
Cemented w/ 125 sx.

**M E W Enterprise
Twin Lakes SA Unit #31
(Stevens Operating Corp.)
(O'Brien "I" #5)
2310' FNL & 1650' FWL
Sec. 31F-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60695
Spud Date: 6-17-80**

68

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.
579.5 ft. Fill

T. SADR 2066'

EXHIBIT TO NMOCD C-108

8 5/8" @ 80'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #32
(Stevens Operating Corp.)
(O'Brien "J" #3)
2310' FNL & 2310' FEL
Sec. 31G-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60795
Spud Date: 10-17-80**

70

T.O.C. @ +/- 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

SADR Perfs 2709.5'-2736.5'

4 1/2" @ 2861'
Cemented w/ 175 sx.

T. SADR 2085'

EXHIBIT TO NMOCD C-108

8 5/8" @ 120'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit # 39
(Stevens Oil Co.)
(O'Brien "I" #3)
1650' FSL & 330' FWL
Sec. 31L-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60657
Spud Date: 3-11-80**

12

T. SADR 2051'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T.O.C. @ +/-2300'

579.5 ft. Fill

SADR Perfs 2656'-2677'

4 1/2" @ 2870'
Cemented w/ 125 sx.

✓

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 40
(Stevens Oil Co.)
(O'Brien "I" #6)
1650' FSL & 1650' FWL
Sec. 31K-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60696
Spud Date: 7-7-80**

13

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

8 5/8" @ 121'
Cemented w/ 75 sx.
Circulated

T.O.C. @ +/- 2300'

579.5 ft. Fill

SADR Perfs 2697'-2739'

4 1/2" @ 2900'
Cemented w/ 125 sx.

T. SADR 2065'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 41
(Stevens Oil Co.)
(O'Brien "J" #2)
1650' FSL & 2310' FEL
Sec. 31J-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60768
Spud Date: 9-24-80**

18

8 5/8" @ 80'
Cemented w/ 75 sx.
Circulated

T. SADR 2081'

T.O.C. @ +/- 2100'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

SADR Perfs 2718'-2756'

4 1/2" @ 2930'
Cemented w/ 175 sx.



EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 42
(Stevens Oil Co.)
(O'Brien "J" #5)
1650' FSL & 990' FEL
Sec. 31I-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60802
Spud Date: 10-25-80**

16

8 5/8" @ 132'
Cemented w/ 75 sx.
Circulated

T. SADR 2117'

T.O.C. @ +/- 2100'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

SADR Perfs 2758'-2787'

4 1/2" @ 2951'
Cemented w/ 175 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 119'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #48
(Stevens Oil Co.)
(O'Brien "I" #7)
570' FSL & 330' FWL
Sec. 31M-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60697
Spud Date: 5-21-80**

14

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T. SADR 2034'

T.O.C. @ +/- 2200'

579.5 ft. Fill

SADR Perfs 2664.5'-2698'

4 1/2" @ 2799'
Cemented w/ 125 sx.

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 49
(Stevens Oil Co.)
(O'Brien "I" #8)
560' FSL & 1650' FWL
Sec. 31N-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60767
Spud Date: 7-14-80**

15

8 5/8" @ 80'
Cemented w/ 75 sx.
Circulated

T.O.C. @ +/- 2100'

SADR Perfs 2714'-2731'

4 1/2" @ 2898'
Cemented w/ 175 sx.

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

T. SADR 2064'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 50
(Stevens Oil Co.)
(O'Brien "J" #4)
560' FSL & 2310' FEL
Sec. 31O-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60796
Spud Date: 11-1-80**

19

8 5/8" @ 80'
Cemented w/ 25 sx.
Circulated

T.O.C. @ +/- 2000'

SADR Perfs 2750'-2776'

4 1/2" @ 2888'
Cemented w/ 200 sx.

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

T. SADR 2111'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit # 51
(Stevens Oil Co.)
(O'Brien "J" #6)
560' FSL & 990' FEL
Sec. 31P-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60810
Spud Date: 11-20-80**

17

8 5/8" @ 126'
Cemented w/ 75'
Circulated

T.O.C. @ +/- 2100'

SADR Perfs 2783-2311'

4 1/2" @ 2945'
Cemented w/ 175 sx.

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

T. SADR 2136'

EXHIBIT TO NMOCD C-108

8 5/8" @ 133'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #58
(Stevens Operating Corp.)
(O'Brien "L" #12)
330' FNL & 330' FWL
Sec. 6D-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61031
Spud Date: 7-25-81**

60

T. SADR

T.O.C. @ +/- 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2665'-2743'

4 1/2" @ 2823'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 120
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #59
(Stevens Operating Corp.)
(O'Brien "L" #1)
330' FNL & 1750' FWL
Sec. 6C-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60807
Spud Date: 11-7-80**

53

T.O.C. @ +/- 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

SADR Perfs 2703-2732'

4 1/2" @ 2867'
Cemented w/ 175 sx.

T. SADR 2072'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit #60
(Stevens Operating Corp.)
(O'Brien "L" #2)
330' FNL & 2310' FEL
Sec. 6B-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60824
Spud Date: 12-6-80**

48

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

811.2 ft. Fill

8 5/8" @ 135'
Cemented w/ 75 sx.
Circulated

T.O.C. @ +/- 2100'

SADR Perfs 2735.5'-2763'

4 1/2" @ 2950'
Cemented w/ 175 sx.

T. SADR 2103'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes SA Unit #61
(Stevens Operating Corp.)
(O'Brien "L" #3)
330' FNL & 990' FEL
Sec. 6A-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60920
Spud Date: 3-20-81**

47

8 5/8" @ 120'
Cemented w/ 75 sx.
Circulated

T.O.C. @ +/- 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2755.5'-2790.5'

4 1/2" @ 2950'
Cemented w/ 200 sx.

T. SADR 2112'

EXHIBIT TO NMOCD C-108

**Marbob Energy Corporation
Twin Lakes San Andres Unit #62
(Stevens Operating Corp.)
(O'Brien "L" #6)
330' FNL & 330' FWL
Sec. 5D-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60962
Spud Date: 5-18-81**

6

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

T. SADR 2086'

T.O.C. +/- 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1291 ft. Fill

SADR Perfs 2780.5' - 2823'

4 1/2" @ 2930'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

M E W Enterprise

(Pelto Oil)

**Twin Lakes SA Unit #63 - WI
330' FNL & 1650' FWL
Sec. 5C-T9S-R29E
Chaves County, New Mexico**

API No.: 30-005-62563

Spud Date: 12-16-87

4

8 5/8" @ 170'
Cemented w/ 70 sx.
Circulated

T. SADR 2200'

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

SADR Perfs 2845'-2941'

5 1/2" @ 3100'
Cemented w/ 1100 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #68
(Stevens Operating Corp.)
(O'Brien "L" #10)
1650' FNL & 330' FWL
Sec. 6E-T8S-R28E
Chaves County, New Mexico**

**API No.: 30-005-61007
Spud Date: 7-8-81**

66

T. SADR

T.O.C. @ +/- 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2736.5'-2755.5'

4 1/2" @ 2831'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #69
(Stevens Operating Corp.)
(O'Brien "L" #8)
1650' FNL & 1650' FWL
Sec. 6F-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60984
Spud Date: 6-7-81**

64

T. SADR 2065'

T.O.C. @ +/- 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2702'-2727'

4 1/2" @ 2844'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #70
(Stevens Operating Corp.)
(O'Brien "L" #4)
1650' FNL & 2310' FEL
Sec. 6G-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60885
Spud Date: 5-11-81**

50

T. SADR

T.O.C. @ 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2715'-2743'

4 1/2" @ 2838'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 160'
Cemented w/ 100 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #71
(Stevens Operating Corp.)
(O'Brien "L" #15)
950' FNL & 1675' FEL
Sec. 6B-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-62212
Spud Date: 12-27-84**

55

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

4935.7 ft. Fill

SADR Perfs 2789'-2814'

5 1/2" @ 2900
Cemented w/ 810 sx.

T. SADR 2082'

EXHIBIT TO NMOCD C-108

Circ. 95 sx @ 189' to surface
8 5/8" @ 128'
Cemented w/ 75 sx.
Circulated

Pumped 50 sx. 537'-342', tagged @ 411'

Casing parted @ 575'
Pump 60 sx. cement 1043'-464'
Tagged @ 537'

T.O.C. @ 2000'

Perforate @ 2180', pumped 40 sx.
2245'-2079'

Spotted 25 sx. cement @ 2720' to 2357', tagged @ 2365'

SADR Perfs 2729.5'-2756'

4 1/2" @ 2921'
Cemented w/ 200 sx.

**M E W Enterprise
Twin Lakes SA Unit #72
(Stevens Operating Corp.)
(O'Brien "L" #5)
1650' FNL & 990' FEL
Sec. 6H-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60886
Spud Date: 5-29-81**

49

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

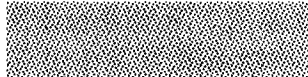
T. SADR 2086'

EXHIBIT TO NMOCD C-108



Pumped 85 sx. 192' - surface

8 5/8" @ 125'
Cemented w/75 sx.
Circulated



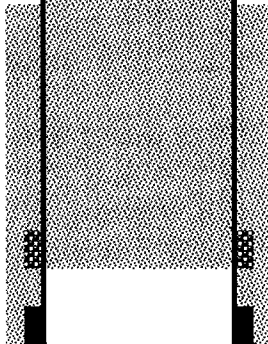
Spotted 40 sx. @ 962', tagged @ 742'

Cut casing @ 914'



Squeezed 30 sx, 1513'-1388'
Tagged @ 1380'

Cut casing @ 1513'



T.O.C. +/- 2000'

927.1291

Pumped 25 sx., 2251'-1888'

Pumped 25 sx., 2790'-2427', tagged @ 2251'

SADR Perfs 2769.5'-2817'

4 1/2" @ 2900'
Cemented w/200 sx.

M E W Enterprise
Twin Lakes San Andres Unit #73
(Stevens Operating Corp.)
(O'Brien "L" #7)
1650' FNL & 330' FWL
Sec. 5E-T9S-R29E
Chaves County, New Mexico

API No.: 30-005-60983
Spud Date: 6-4-81

7

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes San Andres Unit #77
(Stevens Operating Corp.)
(O'Brien "L" #13)
2310' FSL & 330' FWL
Sec. 6L-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61032
Spud Date: 7-17-81**

8

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

SADR Perfs 2724'- 2741'

4 1/2" @ 2826'
Cemented w/

T. SADR 2028'

EXHIBIT TO NMOCD C-108

8 5/8" @ 128'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #78
(Stevens Operating Corp.)
(O'Brien "L" #9)
2310' FSL & 1650' FWL
Sec. 6K-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60995
Spud Date: 9-20-81**

63

T.O.C. @ 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2683'-2712

4 1/2" @ 2825'
Cemented w/ 200 sx.

T. SADR

EXHIBIT TO NMOCD C-108

8 5/8" @ 134'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #79
(Stevens Operating Corp.)
(O'Brien "FF" #1)
2310' FSL & 2310' FEL
Sec. 6J-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60982
Spud Date: 6-11-81**

57

T.O.C. @ 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2696'-2726'

4 1/2" @ 2878'
Cemented w/ 200 sx.

T. SADR

EXHIBIT TO NMOCD C-108

8 5/8" @ 154'
Cemented w/ 80 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #80
(Stevens Operating Corp.)
(O'Brien "L" #16)
2310' FNL & 1675' FEL
Sec. 6g-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-62213
Spud Date: 12-16-84**

58

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

5179.5 ft. Fill

SADR Perfs 2782'-2807'

5 1/2" @ 2925'
Cemented w/ 850 sx.

T. SADR 2070'

EXHIBIT TO NMOCD C-108

8 5/8" @ 125'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #81
(Stevens Operating Corp.)
(O'Brien "FF" #2)
2310' FSL & 990' FEL
Sec. 61-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60993
Spud Date: 6-19-81**

52

T. SADR 2068'

T.O.C. @ 2000'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2712'-2738'

4 1/2" @ 2880'
Cemented w/ 200 sx.

EXHIBIT TO NMOCD C-108

Pumped 80 sx., 189'-surface
Communicated around packer.
8 5/8" @ 125'
Cemented w/ 75 sx.
Circulated

Spotted 25 sx. @ 1075', tagged @ 933'
Spotted 35 sx. @ 1328', tagged @ 1399'
Spotted 75 sx. @ 1525', tagged @ 1528'
Spotted 75 sx. @ 1525', tagged @ 1528'
Spotted 15 sx. @ 1525', tagged @ 1525'
Spotted 25 sx. @ 1528', tagged @ 1528'
Spotted 25 sx. @ 1528', tagged @ 1528'
Spotted 25 sx., 1518'-1155',
tagged @ 1528'

Spotted 50 sx. @ 2024'-1297', tagged @ 1534'

T.O.C. @ +/- 2000'

Spotted 25 sx. @ 2656', tagged @ 2024'

SADR Perfs 2757'-2799.5'

4 1/2" @ 2898'
Cemented w/ 200 sx.

**M E W Enterprise
Twin Lakes SA Unit #82
(Stevens Operating Corp.)
(O'Brien "FF" #3)
2310' FSL & 330' FWL
Sec. 5L-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-60994
Spud Date: 6-29-81**

46

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

T. SADR

EXHIBIT TO NMOCD C-108

M E W Enterprise

(Pelto Oil)

Twin Lakes SA Unit #83 - WIW

2300' FSL & 1700' FWL

Sec. 5K-T9S-R29E

Chaves County, New Mexico

API No.: 30-005-62564

Spud Date: 12-30-87

5

8 5/8" @ 174'
Cemented w/ 100 sx.
Circulated

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

T. SADR 2199'

SADR Perfs 2850'-2924'

5 1/2" @ 3100
Cemented w/1600 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 134'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #87
(Stevens Operating Corp.)
(O'Brien "L" #11)
990' FSL & 1650' FWL
Sec. 6N-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61030
Spud Date: 8-10-81**

65

T.O.C. @ +/- 1800'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2655.5'-2679'

4 1/2" @ 2774'
Cemented w/ 200 sx.

T. SADR 2016'

EXHIBIT TO NMOCD C-108

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #88
(Stevens Operating Corp.)
(O'Brien "FF" #4)
990' FSL & 2310' FEL
Sec. 60-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61006
Spud Date: 7-9-81**

51

T.O.C. @ 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs

4 1/2" @ 2815'
Cemented w/ 200 sx.

T. SADR

8 5/8" @ 124'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #89
(Stevens Operating Corp.)
(O'Brien "FF" #5)
990' FSL & 990' FEL
Sec. 6P-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61022
Spud Date: 7-17-81**

54

T.O.C. @ +/- 1900'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

SADR Perfs 2701'-2731'

4 1/2" @ 2826'
Cemented w/ 200 sx.

T. SADR

EXHIBIT TO NMOCD C-108

Pumped 80 sx., 221'-surface

8 5/8" @ 123'
Cemented w/ 75 sx.
Circulated

Perforate @ 940', pumped 35 sx.
980'-835', tagged @ 790'

Perforate @ 1500', pumped
35 sx. , 1549-1404', tagged @ 1012'

Pumped 25 sx. @ 2105'-1742'
T.O.C. @ +/- 2000'

SADR Perfs 2756.5'-2792'

4 1/2" @ 2880'
Cemented w/ 200 sx.

**M E W Enterprise
Twin Lakes SA Unit #90
(Stevens Operating Corp.)
(O'Brien "FF" #6)
990' FSL & 330' FWL
Sec. 5M-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61033
Spud Date: 8-3-81**

44

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

927.1 ft. Fill

T. SADR

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes San Adres Unit #94
(Santa Rita Exploration Corp.)
(Moonshine "7" #5)
330' FNL & 2310 FEL
Sec. 7B-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61106
Spud Date: 9-4-81**

1

8 5/8" @ 328'
Cemented w/
Circulated 150 sx.

SADR Perfs 2699-2717'

4 1/2" @ 2840'
Cemented w/ 900 sx.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T. SADR 2033'

EXHIBIT TO NMOCD C-108

**M E W Enterprise
Twin Lakes San Adres Unit #95
(Santa Rita Exploration Corp.)
(Moonshine "7" #6)
330' FNL & 990' FEL
Sec. 7A-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61107
Spud Date: 9-5-81**

2

8 5/8" @ 330'
Cemented w/ 150 sx.
Circulated

SADR Perfs 2703.5-2738.5'

4 1/2" @ 2840'
Cemented w/ 800 sx.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T. SADR 2036'

EXHIBIT TO NMOCD C-108

Spotted 80 sx. 195'-surface

8 5/8" @ 130'
Cemented w/ 75 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #96
(Stevens Operating Corp.)
(O'Brien "GG" #1)
330' FNL & 330' FWL
Sec. 8D-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-61076
Spud Date: 8-20-81**

43

Spotted 50 sx. @ 1646', tagged @ 1452'
Spotted 50 sx. @ 1747', tagged @ 1646'

Spotted 50 sx. @ 1747', tagged @ 1646'
Spotted 50 sx. @ 1951', tagged @ 1747'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

T.O.C. @ +/- 1900'

927.1 ft. Fill

SADR Perfs 2734.5'-2765.5'

4 1/2" @ 2860'
Cemented w/ 200 sx.

T. SADR

EXHIBIT TO NMOCD C-108

M E W Enterprise

**(Energy Development)
Twin Lakes Unit #121
1500' FNL & 1405' FWL
Sec. 5F-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-62819
Spud Date: 4-16-91**

3

8 5/8" @ 556'
Cemented w/ 345 sx
Circulated

T. SADR 2095'

$5 \frac{1}{2}" \times 7 \frac{7}{8}" = .1733 \text{ cu.ft./ft.}$

SADR Perfs 2837'-2892'

5 1/2" @ 3090
Cemented w/ 1105 sx.

EXHIBIT TO NMOCD C-108

8 5/8" @ 561'
Cemented w/ 345 sx.
Circulated

**M E W Enterprise
Twin Lakes SA Unit #123
(ENERGY DEVELOPMENT)**

**2237' FNL & 1679' FWL
Sec. 31F-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-62845
Spud Date: 4-23-91**

69

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

6245.8 ft. Fill

SADR Perfs 2684'-2761'

5 1/2" @ 3096'
Cemented w/ 1025 sx.

T. SADR 2095'

EXHIBIT TO NMOCD C-108

Existing

T. Salt 668'
T. Yates 801'
T. 7-RVRS 880'

T. Grayburg 1442'

T. SADR 1942'

8 5/8" @ 112'
Cemented w/ 3 cu.yds. Redi-mix
Circulated

SADR Perfs 2572'-2616'

5 1/2" @ 2695'
Cemented w/ 985 sx.

M E W Enterprise
(Hanagan Petroleum)
Twin Lakes SA Unit #302
950' FSL & 2310' FEL
Sec. 25O-T8S-R28E
Chaves County, New Mexico

API No.: 30-005-63191
Spud Date: 1-18-99

22

2 3/8"-4.3 lb./ft. J-55
Plastic Coated Tubing

Plastic coated injection packer
+/- 2525'

Proposed

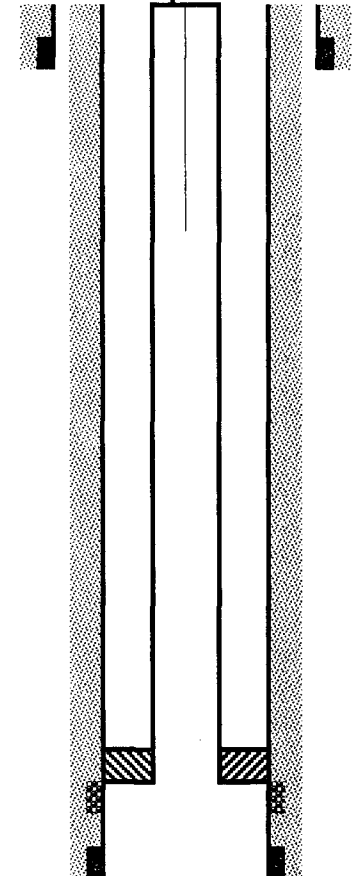


EXHIBIT TO NMOCD C-108

8 5/8" @ 116'
Cemented w/ 3 cu.yds. redi-mix
Circulated

M E W Enterprise
(Hanagan Petroleum)
Twin Lakes SA Unit # 319
2310' FSL & 1650' FEL
Sec. 31J-T8S-R29E
Chaves County, New Mexico

API No.: 30-005-63187
Spud Date: 1-2-99

9

T. Salt 850'
T. Yates 974'
T. 7-RVRS 1052'

T. Queen 1614'

T. SADR 2107'

SADR Perfs 2746'-2796'

5 1/2" @ 2900'
Cemented w/ 975 sx.

8 5/8" @ 110'
Cemented w/ 3 cu.yds. redi-mix
Circulated

M E W Enterprise
(Hanagan Petroleum)
Twin Lakes SA Unit # 321
1110' FSL & 990' FWL
Sec. 31M-T8S-R29E
Chaves County, New Mexico

API No.: 30-005-63188
Spud Date: 12-21-98

10

T. Salt 758'
T. Yates 901'

T. 7-RVRS 977'

T. Queen 1547'

T. SADR 2042'

SADR Perfs 2670'-2706'

5 1/2" @ 2814'
Cemented w/ 900 sx.

Existing

T Salt 787'
T. Yates 934'
T. 7- Rivers 1010'

T. Queen 1587'

T. SADR 2083'

8 5/8" @ 118'
Cemented w/ 3 cu.yds. Redi-mix
Circulated

SADR Perfs 2712'-2756'

5 1/2" @ 2850'
Cemented w/ 900 sx.

EXHIBIT TO NMOCD C-108

M E W Enterprise

**(Hanagan Petroleum)
Twin Lakes SA Unit #326
110' FSL & 2490' FWL
Sec. 31N-T8S-R29E
Chaves County, New Mexico**

**API No.: 30-005-63189
Spud Date: 12-1-98**

36

2 3/8"-4.3 lb./ft. J-55
Plastic Coated Tubing

Plastic coated injection packer
+/- 2675'

Proposed

EXHIBIT TO NMOCD C-108

Salt 764'
Yates 915'
T. 7-Rivers 991'

T. Queen 1550'

T. SADR 2060'

8 5/8" @ 112
Cemented w/ 3 cu.yds. Redi-mix
Circulated

SADR Perfs 2694'-2739'

5 1/2" @ 2849'
Cemented w/ 900 sx.

**M E W Enterprise
Twin Lakes SA Unit #329
(HANAGAN PETROLEUM)**

**1140' FNL & 2310' FWL
Sec. 6C-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-63190
Spud Date: 12-6-98**

59

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

5484.1 ft. Fill

EXHIBIT TO NMOCD C-108

8 5/8" @ 114'
Cemented w/ 3 cu.yds. Redi-mix
Circulated

**M E W Enterprise
Twin Lakes SA Unit #331
(HANAGAN PETROLEUM)**

**2310' FNL & 2310' FWL
Sec. 6F-T9S-R29E
Chaves County, New Mexico**

**API No.: 30-005-63192
Spud Date: 12-11-98**

62

T. SADR

T.O.C. @

8 5/8" x 11" = .2542 cu.ft./ft.

5 1/2" x 7 7/8" = .1733 cu.ft./ft.

5484.1 ft. Fill

SADR Perfs

5 1/2" @ 2825'
Cemented w/ 900 sx.

EXHIBIT TO NMOCD C-108

Existing

Proposed

T Salt 802'
T. Yates 916'
T. 7- Rivers 995'

8 5/8" @ 118'
Cemented w/ 3 cu.yds. Redi-mix
Circulated

M E W Enterprise
(Hanagan Petroleum)
Twin Lakes SA Unit #333
1670' FSL & 1650' FEL
Sec. 6J-T9S-R29E
Chaves County, New Mexico

API No.: 30-005-63193
Spud Date: 11-29-98

35

T. Queen 1550'

8 5/8" x 11" = .2542 cu.ft./ft.

4 1/2" x 7 7/8" = .2278 cu.ft./ft.

2 3/8"-4.3 lb./ft. J-55
Plastic Coated Tubing

T. SADR 2062'

231.8 ft. Fill

Plastic coated injection packer
+/- 2675'

SADR Perfs 2708'-2742'

5 1/2" @ 2830'
Cemented w/ 900 sx.

