

**UWI : 30015316560000**

CHI OPERATING INC

Hist.Operator : CHI OPERATING INC

Lease : ASPEN FEDERAL COM

Lease Nbr : 1

COMP\_DATE : 10/3/2001

3,176

402MRRW

304,400

1,823

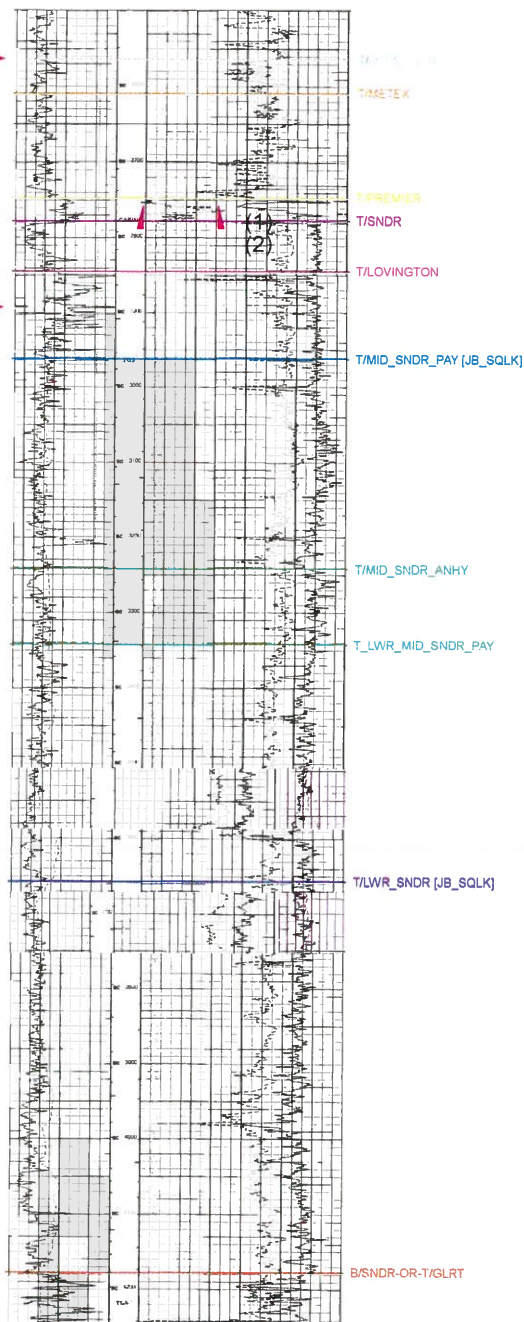
TwN-Rge-Sec : T16S R30E S31

Footage Calls : 660 FNL 1980 FWL

ELEV\_KB : 3,724

ID : 11,030

Current West  
Square Lake Unit  
Interval



- (1) Csg: 8 5/8 IN
- (2) Csg: 900 Sacks of Cement

Case No. 20253

**SEGURO OIL & GAS  
Exhibit #4A**

CHI OPERATING INC

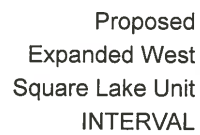
Lease : ASPEN FEDERAL COM

2001  3,1

Twn-Rge-Sec : T16S R30E S31

ELEV KB : 3.724

TD: 11,030'



- Case No. 20253**

PETRA 6/28/2019 12:03:20 PM

**UWI : 30015316560000**

CHI OPERATING INC

Hist.Operator : CHI OPERATING INC

Lease : ASPEN FEDERAL COM

Lease Nbr : 1

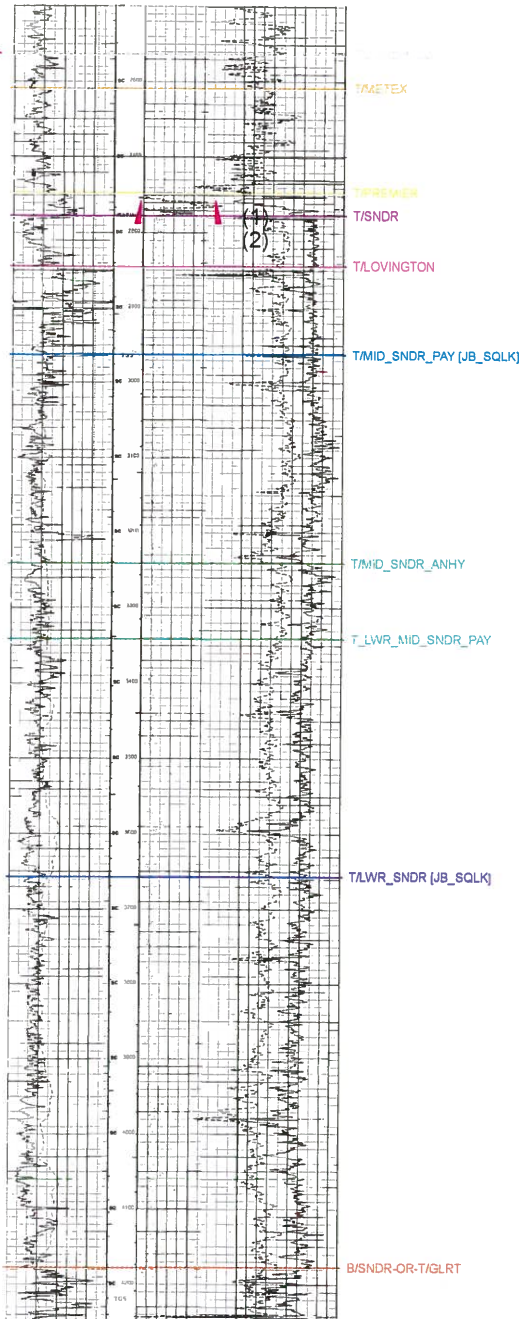
COMP\_DATE : 10/3/2001 3.176  
402MRRW 304,400  
1.823

Twn-Rge-Sec : T16S R30E S31

Footage Calls : 660 FNL 1980 FWL

ELEV\_KB : 3,724  
TD : 11,030

Current &  
Proposed  
Expanded West  
Square Lake Unit  
Interval



- (1) Csg: 8 5/8 IN
- (2) Csg: 900 Sacks of Cement

Case No. 20253

**SEGURO OIL & GAS  
Exhibit #4C**

# Planimeter RESULTS

## Volumetrics Report

PROJECT: SE NM - SE ALL WELLS

April 26, 2017 8:10 PM

Grid File: Middle San Andres Net Por ISO.GRD

Title : Middle San Andres Net Por ISO

XY Units : FEET

Z Units : FT

Volumes Computed Between 0 and 1E30

Slice Volumes Interval Is 10.000

8 Slice Volumes Computed

Minimum Thickness Allowed Is 0.000

Grid Refinement Is 1

Polygon: All Polygons Combined

Polygon Area:

3,324.24 (ACRES)

Volume:

2,534,129,054.39 (FT x FT x FT)

Polygon: WSLU

Total Area:

3,324.24 (ACRES)

Interval	Data Area (ACRES)	Volume (FT x FT x FT)
0.000 - 10.000	2,225.05	894,291,424.58
10.000 - 20.000	1,876.02	707,831,595.31
20.000 - 30.000	1,348.86	457,370,270.91
30.000 - 40.000	836.69	284,221,493.35
40.000 - 50.000	488.83	141,750,355.85
50.000 - 60.000	184.08	42,025,080.99
60.000 - 70.000	40.97	6,634,999.19
70.000 - 80.000	0.51	3,834.21
		-----
Total Volume (Cubic Feet)		2,534,129,054.39
Total Volume (Volume, Ac-ft)		58,175.6

### Definitions:

Total Area = Polygon Area

Data Area = Polygon Area covered by contours used in volumes

Case No. 20253

**SEGURO OIL & GAS**  
**Exhibit #10**

Notes:

43560.0000 SqFt/Acre  
4046.8490 SqMtr/Acre  
7758.000000 BBL/AcFt  
62.42796061 Convert G/CC to LBS/CUFT

Raw Area is SqFt  
Raw Volume is SqFt x FT

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End of Report

# Planimeter RESULTS

## Volumetrics Report

PROJECT: SE NM - SE ALL WELLS

April 26, 2017 9:08 PM

Grid File: Lower Middle San Andres NET POR.GRD

Title : Lower Middle San Andres NET POR

XY Units : FEET

Z Units : FT

Volumes Computed Between 0 and 1E30

Slice Volumes Interval Is 10.000

16 Slice Volumes Computed

Minimum Thickness Allowed Is 0.000

Grid Refinement Is 1

Polygon: All Polygons Combined

Polygon Area:

3,324.24 (ACRES)

Volume:

8,154,453,226.71 (FT x FT x FT)

Polygon: WSLU

Total Area:

3,324.24 (ACRES)

Interval	Data Area (ACRES)	Volume (FT x FT x FT)
0.000 - 10.000	3,116.7	1,323,903,616.48
10.000 - 20.000	2,943.82	1,217,561,945.2
20.000 - 30.000	2,644.02	1,073,926,200.32
30.000 - 40.000	2,280.32	917,002,796.59
40.000 - 50.000	1,937.84	765,457,356.22
50.000 - 60.000	1,582.81	628,993,548.06
60.000 - 70.000	1,326.72	531,892,173.1
70.000 - 80.000	1,128.87	449,713,419.07
80.000 - 90.000	939.76	356,062,727.55
90.000 - 100.000	724.73	284,383,467.46
100.000 - 110.000	581.76	225,608,917.25
110.000 - 120.000	461.63	180,082,275.7
120.000 - 130.000	366.28	126,726,338.1
130.000 - 140.000	212.16	59,898,592.58
140.000 - 150.000	70.57	13,235,106.54
150.000 - 160.000	1.11	4,746.49

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Case No. 20253

**SEGURO OIL & GAS**  
**Exhibit #11**

Total Volume (Cubic Feet)	8,154,453,226.71
Total Volume (Volume, Ac-ft)	187,200.49

Definitions:

Total Area = Polygon Area

Data Area = Polygon Area covered by contours used in volumes

Notes:

43560.0000 SqFt/Acre

4046.8490 SqMtr/Acre

7758.000000 BBL/AcFt

62.42796061 Convert G/CC to LBS/CUFT

Raw Area is SqFt

Raw Volume is SqFt x FT

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End of Report



J. CLEO THOMPSON, SR. & JAMES CLEO THOMPSON, JR.

OIL PRODUCERS

12TH FLOOR KIRBY BUILDING

DALLAS 1, TEXAS

March 21, 1963

H. L. Brown

Box 971

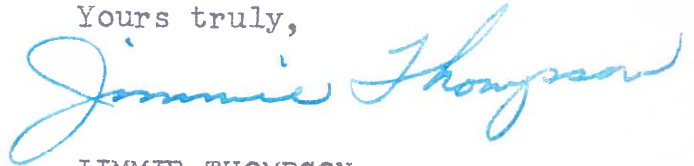
Crane, Texas

Dear Mr. Brown:

You will find enclosed herewith calculations made from the core data on the USA Etz No. 3.

Please kindly staple these in the back of your core analysis, which you received several months ago.

Yours truly,



JIMMIE THOMPSON

JT/lc

Encl.

cc: Mr. Bob Johnson

Box 8

Loco Hills, New Mexico

Case No. 20253

SEGURO OIL & GAS  
Exhibit #12



J. CLEO THOMPSON - USA ETZ NO. 3

CORED 3385' - 3700'

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FEET OF CORE RECOVERED FROM ABOVE INTERVAL:	315'
FEET OF CORE INCLUDED IN AVERAGES:	38.50
AVERAGE PERMEABILITY      MAX. (Millidarcys)              90°	.33 .09
AVERAGE POROSITY: PER CENT	4.50
AVERAGE RESIDUAL OIL SATURATION PER CENT OF PORE SPACE:	16.79
AVERAGE TOTAL WATER SATURATION PERCENT OF PORE SPACE:	43.88
OIL GRAVITY	34.
ORIGINAL SOLUTION GAS-OIL RATIO	700.
ORIGINAL FORMATION VOLUME FACTOR BBLs. SATURATED OIL PER BBL. STOCK TANK:	1.25
CALCULATED ORIGINAL OIL IN PLACE	191.59
CALCULATED ORIGINAL STOCK TANK OIL IN PLACE BBLs. PER AC. FEET	153.27
CALCULATED MAX. SOLUTION GAS DRIVE PER AC. FT:	32.19
CALCULATED MAX WATER DRIVE PER AC. FT.:	99.63

## Middle San Andres Volumetric Analysis

$$\text{OOIP} = \frac{(\text{Volume, ac-ft}) * (\text{bbl/ac-ft}) * (1 - \text{Sw}) * (\text{Porosity})}{\text{Bo}_i}$$

$\text{Bo}_i$

Volume, ac-ft - See Planimeter Calculation Sheet for Middle San Andres

bbl/ac-ft - 7,758 bbl/ac-ft

Sw - 43.88% (from CORE Data, See Core sheet)

Porosity - 4.5% (from CORE data, See Core Sheet)

$\text{Bo}_i$  - 1.27 initial formation volume factor: (from CORE data and Standing Correlation Chart, See Core Sheet)

~ $\text{Bo}_i$  data estimated from Standing Correlation Chart using, Reservoir Temperature of 100deg F, GOR = 700scf/bbl, Oil Gravity = 34deg API

$$\text{OOIP} = \frac{(58,175.6) * (7,758) * (1 - 0.4388) * (.045)}{1.27}$$

1.27

$$\text{OOIP} = 8,974,641 \text{ BO}$$

Primary Recovery Factor - 12%

$$\text{Recoverable Oil} = 1,076,956 \text{ BO}$$

---

## Lower Middle San Andres Volumetric Analysis

$$\text{OOIP} = \frac{(\text{Volume, ac-ft}) * (\text{bbl/ac-ft}) * (1 - \text{Sw}) * (\text{Porosity})}{\text{Bo}_i}$$

$\text{Bo}_i$

Volume, ac-ft - See Planimeter Calculation Sheet for Lower Middle San Andres

bbl/ac-ft - 7,758 bbl/ac-ft

Sw - 43.88% (from CORE Data, See Core sheet)

Porosity - 4.5% (from CORE data, See Core Sheet)

$\text{Bo}_i$  - 1.27 initial formation volume factor: (from CORE data and Standing Correlation Chart, See Core Sheet)

~ $\text{Bo}_i$  data estimated from Standing Correlation Chart using, Reservoir Temperature of 100deg F, GOR = 700scf/bbl, Oil Gravity = 34deg API

$$\text{OOIP} = \frac{(187,200.49) * (7,758) * (1 - 0.4388) * (.045)}{1.27}$$

1.27

$$\text{OOIP} = 28,879,070 \text{ BO}$$

Primary Recovery Factor - 12%

$$\text{Recoverable Oil} = 3,465,488 \text{ BO}$$

Case No. 20253

SEGURO OIL & GAS  
Exhibit #13

Combined Recoverable OIL from both Middle and Lower Middle San Andres is **4,542,444 BO**

108 Well Locations on 20 acre spacing would yield an AVERAGE per WELL ESTIMATED ULTIMATE RECOVERY of **42,059 BO per well.**

54 Well Location on 40acre spacing would yield an AVERAGE per WELL ESTIMATED ULTIMATE RECOVERY of **84,119 BO per well.**

Using a recoverable oil range of **42,059 - 84,119 BO** per well and an AFE cost of **\$857,000.00**, the F&D costs fall in a range between **\$20.38 - \$10.19 per barrel.**

# Seguro Oil & Gas

## Authority For Expenditure (Day Work)

Well Name	WSL 33 Fed P # 1		Lease				AFE Date	6/10/2019
Field	San Andres	County	Eddy	State	NM	Objective	San Andres	
Location Surface Legals		T16S-R30E, Sec 4, 990' FSL & 990' FEL			BH Legals			
Purpose Of Expenditure		Day Work - Drill and case new well to 4400'. No Complete or Facilities						

AFE Code	Intangible Expense			Drilling Cost	Completion Cost	Total Cost
220/101	Staking & Permitting			\$15,000		\$15,000
220/102, 310	Location, Roads, Reserve & Frac Pits, Liners, Conductor & MH Set			\$73,200	\$1,800	\$75,000
220/103, 311	Mobilization/Demobilization			\$25,000	\$4,022	\$29,022
220/104	Contract Drilling-Daywork	7 Days	11,000 \$/Day	\$77,000		\$77,000
220/105	Contract Drilling-Footage	0 ft	0 \$/Ft			\$0
220/100	Contract Drilling-Turnkey					\$0
220/301	Completion Rig & CTU: Rig & drillout BHA	11 Days	3000 \$/Day		\$33,000	\$33,000
220/301	Cavitation Rig	Days	\$/Day			\$0
220/106	Fuel, Power & Lubricants	7 Days	1800 \$/day	\$12,600	\$2,400	\$15,000
220/107, 313	Bits, Motors, Reamers & Stabilizers			\$16,250	\$750	\$17,000
220/108, 314	Drilling & Completion Fluids (Mud)			\$12,000	\$2,000	\$14,000
220/302	Casing Crews, Tongs, Handling Tools, LD Machine			\$6,000		\$6,000
220/109, 315	Misc Labor, Rentals, Contract Services & Trucking			\$26,830	\$3,870	\$30,500
220/110, 308	Cement, Cmt Services			\$23,460		\$23,460
220/111	Close Loop All - Centrifuge, Bins, Tractor, Personell, Solids & Liquids Disposal Services			\$40,300		\$40,300
220/124, 303	Drill Water, Frac Water, Transfer Pumps, Poly and Pit Fill Equipment			\$13,400		\$13,400
220/112	Mud Logging	6 Days	1,500 \$/Day	\$9,000		\$9,000
220/113	Open Hole Logging, Sidewall Cores, Processing			\$42,000		\$42,000
220/304, 306	CH Logs & CBL, Perf, Plugs, Tool Set, Other WL				\$20,000	\$20,000
220/305	Tubular Testing and Inspection			\$3,000		\$3,000
220/307	Acidization, Fracturing & Stimulation	Treatment @ \$/Ft			\$115,000	\$115,000
220/114,316	Rentals Tools & Equipment			\$6,500	\$3,500	\$10,000
220/115	Directional Drilling Services & Geosteering					\$0
220/117, 317	Housing, Communications, Domestic Support Equipment			\$10,000	\$2,000	\$12,000
220/120, 318	Company Overhead and Well Insurances					\$0
220/119, 309	Engineering & Onsite Supervision			\$18,630	\$19,350	\$37,980
220/121, 319	Intangible Contingencies	10%		\$43,017	\$20,749	\$63,766
Total Intangible Cost				\$473,187	\$228,241	\$701,428

AFE Codes	Tangible Expense			Drilling Cost	Completion cost	Total Cost
230/105	Conductor Casing	14"	40	Ftg	Per Ft.	\$0
230/102	Surface Casing	8 5/8 24# J55 STC	400	Ftg	\$16.40 Per Ft.	\$6,560
230/103	Intermediate Casing			Ftg	Per Ft.	\$0
230/104	Intermediate II Casing			Ftg	Per Ft.	\$0
230/301	Production Liner			Ftg	Per Ft.	\$0
230/302	Production Casing	5 1/2" 16.5# J55 LTC	4,400	Ftg	\$10.62 Per Ft.	\$46,728
230/303	Tubing	2 3/8" J55 8R EUE	4,400	Ftg	\$3.67 Per Ft.	\$16,148
230/304	Wellhead Equipment & Production Tree			\$8,393	\$8,900	\$507
230/305	Float Equipment, Centralizers, Toe Valve			\$3,000	\$4,700	\$1,700
230/306	Production Packer & Nipples				\$3,000	\$3,000
230/307	Meters & Flowlines				\$12,000	\$12,000
230/308	Tank Battery & Storage/Transfer Pump					\$0
230/309	Vessels - 4' x 20' Vert Htr, 30" x 10' 2 PH Vert Sep, 2-500 bbl Coated Wtr Tnk, 1-500 bbl w/ 18" Coat Oil Tnk					\$0
230/499	40' x 75' Plastic Lined Dirt Containment					\$0
230-311	C-228-246-86 Pump Jack, Base, Weights, POC, Delivery, Installation				\$20,000	\$20,000
230/312	TAC, Rod & Pump				\$12,000	\$12,000
230/399	Tangible Contingencies	10%		\$6,468	\$7,675	\$14,143
Total Tangible Cost				\$71,149	\$84,423	\$155,572

### Total Well Cost with Contingencies

\$544,337 \$312,683 \$857,000

Date 6/10/2019 Generated By Jay Thomas

### Operator Approval

Company

Date

Approved By

Position or Title

Working Interest Percentage

Other

Case No. 20253

SEGURO OIL & GAS  
Exhibit #14



## IHS Production - West Square Lake Unit

UWI (APINum)	Lease Name	Lease Nbr	Surf Lat	Surf Lon	CUM OIL	CUM GAS	CUM WTR	INJ WTR	Prod Fm
30015039310000	AN ETZ	1	32.8869618	-103.9356225	6,424	-	-	-	-
30015039340000	AN ETZ	4	32.8869651	-103.9399222	16,664	-	-	-	-
30015039370000	AN ETZ-FEDERAL	7	32.890593	-103.9399107	46,862	-	36,560	-	-
30015039380000	USA ETZ	1	32.8905938	-103.9409856	9,804	21,081	500	-	-
30015039380001	ETZ-FEDERAL	1	32.8905938	-103.9409856	-	-	-	-	453SADRD
30015039620000	LEONARD-STATE	1	32.8723374	-103.9872142	23,001	7,445	-	-	-
30015039630000	LEONARD-STATE	2	32.8759652	-103.987252	35,836	-	30,047	-	-
30015039660000	LEONARD-FEDERAL E	1	32.8724057	-103.9700756	31,259	-	-	-	-
30015039670000	LEONARD-FEDERAL E	2	32.8760335	-103.970106	79,479	1,245	73,677	-	-
30015039680000	LEONARD-FEDERAL E	3	32.876007	-103.974405	41,747	1,749	-	63,606	-
30015039690000	LEONARD-FEDERAL E	4	32.8723791	-103.9743744	256,834	2,042	512,188	-	-
30015039700000	EVANS-FEDERAL	5	32.8759807	-103.9786542	28,575	-	-	-	-
30015039710000	EVANS-FEDERAL	6	32.8723529	-103.9786166	37,490	3,344	15,546	-	-
30015039720000	EVANS-FEDERAL	7	32.8723262	-103.9829155	69,800	3,371	83,881	-	-
30015039730000	EVANS-FEDERAL	8	32.875954	-103.9829532	37,276	3,359	120	-	-
30015039740000	EVANS-FEDERAL	9	32.8797512	-103.9744365	44,738	-	57,692	-	-
30015039760000	EVANS-FEDERAL	10	32.8797512	-103.9701371	25,739	593	-	-	-
30015039770000	EVANS-FEDERAL	11	32.8833792	-103.9701676	54,156	595	94,191	-	-
30015039780000	EVANS-FEDERAL	12	32.8833791	-103.9744671	129,186	1,355	70,238	-	-
30015039800000	ETZ-FEDERAL C	1	32.8760857	-103.9571762	55,940	-	40	-	-
30015039810000	ETZ-FEDERAL C	2	32.8761012	-103.9528771	100,767	-	215,572	-	-
30015039820000	ETZ-FEDERAL C	3	32.8724732	-103.952858	44,930	-	510	4,131	-
30015039830000	ETZ-FEDERAL C	4	32.8724578	-103.9571569	140,964	-	762,416	-	-
30015039840000	ETZ-FEDERAL E	1	32.879713	-103.9571953	248,809	2,026	151,430	-	-
30015039850000	ETZ-FEDERAL E	2	32.8796977	-103.952896	48,511	-	-	-	-
30015039860000	ETZ-FEDERAL E	3	32.8833791	-103.9572146	45,990	-	-	64,262	-
30015039870000	ETZ-FEDERAL E	4	32.8833257	-103.9529152	86,736	2,026	147,917	-	-
30015039880000	LEONARD	1	32.8760546	-103.965807	46,200	-	-	-	-
30015039890000	LEONARD	2	32.8724267	-103.9657767	30,825	-	-	-	-
30015039900000	LEONARD-FEDERAL	3	32.8724422	-103.9614778	40,957	-	932	2,523,053	-
30015039910000	LEONARD-FEDERAL	4	32.8760701	-103.9615079	28,710	-	-	-	-
30015039920000	LEONARD-FEDERAL	5	32.8797284	-103.9615386	60,821	-	-	82,789	-
30015039930000	LEONARD-FEDERAL	6	32.8797437	-103.9658379	300,833	-	778,104	-	-
30015039940000	LEONARD-FEDERAL	7	32.8833563	-103.9615687	122,167	-	117,027	-	-
30015039950000	LEONARD-FEDERAL	8	32.8833715	-103.9658681	58,169	-	552	12,041	-
30015039960000	GEO ETZ	17	32.8794265	-103.9489536	92,864	10	95,295	-	453GRBG
30015039970000	GEO ETZ	1	32.8797037	-103.9485968	21,122	-	-	-	-
30015039980000	GEO ETZ	2	32.8723071	-103.9357911	30,733	-	-	-	-
30015039990000	GEO ETZ	3	32.872456	-103.9485592	27,668	-	-	-	-
30015040000000	GEO ETZ	4	32.8797568	-103.9400983	17,451	-	-	-	-
30015040010000	ETZ GEO	5	32.8723573	-103.9400896	76,786	1,266	49,444	-	-
30015040020000	ETZ GEO	6	32.872406	-103.9442607	108,893	1,476	82,433	-	-
30015040030000	GEO ETZ	7	32.8834116	-103.9358028	20,979	-	-	-	-
30015040040000	GEO ETZ	8	32.8797307	-103.9442976	23,289	1,239	-	77,915	-
30015040050000	GEO ETZ	9-X	32.8760747	-103.9487407	-	-	-	52,332	-
30015040060000	GEO ETZ	9	32.8760757	-103.9485778	15,505	-	-	-	-
30015040070000	GEO ETZ	10	32.8760337	-103.9442795	51,640	1,274	40,759	-	-
30015040080000	GEO ETZ	11	32.8759852	-103.9400936	15,328	-	-	-	-
30015040090000	GEO ETZ	12	32.8759351	-103.9357949	14,032	-	-	-	-
30015040100000	GEO ETZ	13X	32.8797843	-103.9357014	16,052	-	-	-	-
30015040110000	GEO ETZ	14	32.8833315	-103.9486158	18,341	-	-	-	-
30015040120000	GEO ETZ	15	32.8833584	-103.9443164	58,064	1,649	95,284	-	-
30015040130000	GEO ETZ	16	32.8833848	-103.9401022	26,644	-	-	-	-
30015040140000	JACKSON-STATE	6	32.8760749	-103.92706	33,947	-	384	-	-
30015040220000	TIDEWATER-STATE	5	32.8760757	-103.9313591	22,768	-	-	-	-
30015040230000	TIDEWATER-STATE	7	32.8760739	-103.9227417	28,418	-	-	-	-
30015040240000	JACKSON-STATE	8	32.8724469	-103.9270723	72,210	-	47,605	-	-
30015040250000	OVERTON-STATE	9	32.8760728	-103.9184426	45,513	-	41,118	-	-
30015040260000	TIDEWATER-STATE	10	32.8724449	-103.918456	58,878	21,029	138,363	-	-
30015040270000	TIDEWATER-STATE	11	32.872446	-103.9227549	7,549	-	-	-	-
30015040320000	LEONARD-FEDERAL	9	32.8761667	-103.9613947	172,724	-	97,385	-	-
30015040520000	HOVER STATE	1	32.8688215	-103.9356759	27,238	-	-	-	-
30015040530000	HOVER STATE	2	32.8688242	-103.9399747	24,238	-	-	-	-
30015040540000	COWELL-STATE	1	32.8688268	-103.944284	17,628	-	-	-	-
30015040550000	STATE	4	32.8688292	-103.9485828	15,569	-	-	-	-
30015040730000	EVANS-FEDERAL	1	32.8652183	-103.974381	27,240	-	-	-	-
30015040740000	EVANS-FEDERAL	2	32.8652151	-103.9700824	28,311	-	-	7,841	-
30015040750000	EVANS-FEDERAL	3	32.8688463	-103.9743835	210,284	388	99,677	-	-
30015040760000	EVANS-FEDERAL	4	32.8688443	-103.9700848	23,424	-	-	-	-
30015040770000	LEONARD-FEDERAL E	5	32.8688494	-103.9786897	17,562	-	-	-	-
30015040780000	LEONARD-FEDERAL E	6	32.8688523	-103.9829885	17,041	-	-	-	-
30015040790000	LEONARD-FEDERAL E	7	32.8652766	-103.9829861	5,329	-	-	-	-
30015040800000	LEONARD-FEDERAL E	8	32.8652214	-103.9786875	17,991	434	-	-	-
30015040810000	LEONARD-FEDERAL E	13	32.8616246	-103.9743785	47,247	8,247	32,980	-	-
30015040820000	LEONARD-FEDERAL E	14	32.8616155	-103.9700801	46,218	830	17,257	-	-
30015040820001	LEONARD-FEDER E	14	32.8616155	-103.9700801	48,170	830	32,823	-	453GBSA
30015040830000	LEONARD-FEDER E	15	32.8579966	-103.974376	77,375	19,410	84,427	-	-
30015040840000	LEONARD-FEDER E	16	32.8579875	-103.9700777	45,278	11,015	25,738	-	-
30015040850000	EVANS-FEDERAL	13	32.8616336	-103.9786853	66,147	2,566	51,439	-	-
30015040860000	EVANS-FEDERAL	14	32.8615984	-103.9829837	5,989	-	-	-	-
30015040870000	EVANS	15	32.8579918	-103.9786766	64,664	4,606	35,346	-	-
30015102520000	LEONARD-FEDERAL	10	32.8763295	-103.9658092	-	-	-	59,060	-
30015103440000	LEONARD-FEDERAL	11	32.8724256	-103.9661024	99,429	-	154,252	-	453GBSA
30015241970000	MERRILL STATE	5	32.8688275	-103.9463995	66,297	-	119,505	-	453GBSA
30015241980000	HOVER STATE	5	32.8688251	-103.9420941	83,939	-	118,506	-	453GBSA
30015241990000	HOVER STATE	6	32.8688224	-103.937794	79,497	-	162,430	-	453GBSA
30015253350000	WEST SQUARE LAKE UNIT TR 24	12	32.8724459	-103.9205253	85,167	225,837	72,999	-	453GBSA
30015253680000	WEST SQUARE LAKE UNIT TR 6	7	32.8724512	-103.9377396	50,660	-	155,733	-	453GBSA
30015254170000	WEST SQUARE LAKE UNIT TR 6	8	32.8723864	-103.9426162	14,045	-	217,233	-	453GBSA
30015254180000	WEST SQUARE LAKE UNIT TR 6	9	32.8723462	-103.9460214	12,478	-	191,374	-	453GBSA
					4,838,052	352,337	5,408,929	2,947,030	

Total Produced Fluid:	10,246,981
Total Injection:	2,947,030
Total % of Fill Up:	28.76%
Approx. Water needed to effectively Flood the Existing Unit Sands (130%)	13,321,075.30

Case No. 20253  
**SEGURO OIL & GAS**  
**Exhibit #15**