

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
[B] ☐ Offset Operators, Leaseholders or Surface Owner  
[C] ☐ Application is One Which Requires Published Legal Notice  
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

Signature

Title

Date

e-mail Address

Run CBL  
Run Bridgford Test  
on all numbers  
SWAB Test

1947852  
9734-9744



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

Oil Conservation Division

Oil Conservation Division  
1220 S Francis Dr  
Santa Fe, NM 87505

RECEIVED  
JUN 24 2005  
OIL CONSERVATION  
DIVISION

RE: Proposed;  
MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD X \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Tipton Oil & Gas Acquisitions I Sunray 682 Ltd #3-H, 36-9s-33e  
Operator Lease & Well No. Unit-S-T-R API # 30-025-22946

And my recommendations are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
OKKZ  
\_\_\_\_\_

Yours very truly,

Chris Williams  
Chris Williams  
Supervisor, District I

Tipton Oil and Gas Acquisitions, Inc.  
PO Box 1234  
Lovington, New Mexico 88260  
505-396-2114

RECEIVED

NOV - 8 2005

OIL CONSERVATION  
DIVISION

October 20, 2005

Will Jones  
New Mexico Oil Conservation Division  
Engineering Bureau  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Jones,

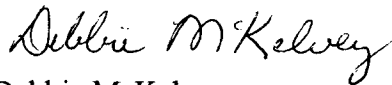
Please find enclosed a copy of NMOCD form C108 (Application for Authority to Inject) for the Sunray 682 Ltd # 3, API # 30-025-22946, located in Unit Letter "H", Section 36, T9S, R33E NMPM Lea County, New Mexico.

The attached C108 is for lease disposal of produced water from the Lane San Andres pool. These produced waters would be disposed in the Vada; Penn (Bough "C") pool.

During our research of our well records, another log that was run on the Sunray 682 Ltd # 3 in 1977 was discovered. This log has been submitted to the NMOCD District 1 office in Hobbs. ✓

Should you have any questions, please feel free to contact Debbie McKelvey at 505-392-3575 or email [debmckelvey@earthlink.net](mailto:debmckelvey@earthlink.net)

Sincerely,



Debbie McKelvey  
Agent

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage  
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Tipton Oil & Gas Acquisitions, Inc Ogrid # 211125  
ADDRESS: PO Box 1234 Lovinton, New Mexico 88260  
CONTACT PARTY: Clay Tipton PHONE: 505-396-2114
- 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 X 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 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.
- \*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 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: Debbie McKelvey for Clay Tipton, Principal TITLE: Agent  
SIGNATURE: Debbie McKelvey DATE: 10/20/05  
E-MAIL ADDRESS: debmkelvey@earthlink.net
- \* 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: Incomplete C108 submitted July 2005

C108 Application for Authorization to Inject  
Tipton Oil and Gas Acquisitions, Inc  
Sunray 682 Ltd # 3  
API # 30-025-22946  
UL "H" Section 36,T9S,R33E

1. The purpose of this application is to convert the Sunray 682 Ltd # 3, currently a Vada;Penn oil well to lease salt water disposal well.
2. Tipton Oil and Gas Acquisitions, Inc *Ogrid # 211128*  
PO Box 1234  
Lovington, New Mexico 88260  
Clay Tipton 505-396-2114
3. Well Data: See Attachment A
4. This is not an expansion of existing project
5. See attached map, Attachment B
6. There are "9" wells identified in the area of review. One well was never drilled and the Application to Drill was voided. One well has not been drilled, there is an approved C101 on file with the NMOCD. There are 3 producing wells that do not penetrate the disposal zone in the Sunray 682 Ltd # 3. There is one San Andres producer that was originally was drilled to the Bough C and plugged back to the San Andres. There are 3 plugged and abandoned wells that penetrated the disposal interval in the Sunray 682 Ltd # 3. Please see well histories and wellbore schematics. Attachment C
7. Proposed average daily injection volumes estimated at 800 BWPD  
Maximum daily injection volume approximately 1200 BWPD
8. This will be an open system.
9. Proposed average injection pressure would 1000 psig.  
Proposed maximum injection pressure 1200psig
10. Sources of disposed water would produced water from the surrounding San Andres wells. See attached list of producers and water analysis.  
Attachment D
11. Disposal interval is Bough "C" 9734-9744 ft. Immediately above the Vada; Penn (Bough C) is the Wolfcamp and below the Bough C is the Strawn.

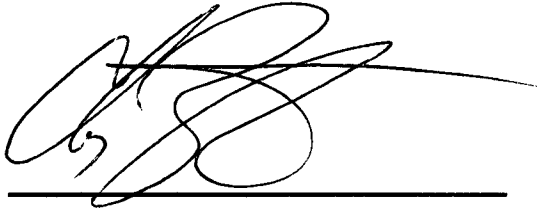
3 P&A  
2 ACTIVE  
5 TOTAL

C108 Application for Authorization to Inject  
Tipton Oil and Gas Acquisitions, Inc  
Sunray 682 Ltd # 3  
API # 30-025-22946  
UL "H" Section 36,T9S,R33E

12. Underground water sources of drinking water are the alluvial fill from surface to 350ft. There were no active water wells in the 1 mile Area of Review. There were several inactive or abandoned windmill sites. There is an abandoned windmill site approximately 300ft south of the Sunray 682 Ltd # 3. Please see the map of the 1 mile area of review and depths to ground water from the USGS website for water wells in the general vicinity. Attachment E
13. Disposal zone (Bough C) will not be acidized during conversion unless disposal pressures and volumes dictate the need for acidizing.

**Tipton Oil and Gas Acquisitions, Inc.  
C108 Application for Authorization to Inject  
Sunray 682 Ltd # 3  
API # 30-025-22946  
1980 FNL X 660 FEL  
Unit Letter "H", Section 36, T9S, R33E  
Lea County, New Mexico**

**Available engineering and geological data have been examined and no evidence of open faults of hydrological connection between the disposal zone and any underground sources of drinking water have been found.**



**Clay Tipton  
Representative  
Tipton Oil and Gas Acquisitions, Inc.**

*10-19-05*

**Date**

Tipton Oil and Gas Acquisition, Inc  
Proof of Notification  
Copies of C108 sent to following recipients

Surface Owner:

Shannon Kizer  
Po Box 56  
Pep, NM 88126 ✓

Offset Operator:

Dwight A. Tipton  
P.O. 1025  
Lovington, NM 88260 ✓

Yates Petroleum Corporation  
105 South 4<sup>th</sup> Street  
Artesia, NM 88210 ✓

Mineral Owner:

State of New Mexico  
New Mexico State Land Office  
Oil and Gas Division  
PO Box 1148  
Santa Fe, New Mexico 87504 -1148 ✓



- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Shannon Kizer  
PO Box 56  
Pep, NM  
88124

2. Article Number (Copy from service label)

7099 3220 0001 9919 6085

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X Signature

☐ Agent

☐ Addressee

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Yates Petroleum  
105 S. 4th St  
Artesia, NM  
88210

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X Signature

☐ Agent

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number (Copy from service label)

7099 3220 0001 9919 6085

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Dwight A. Tipton  
P.O. Box 1625  
Lovington, NM 88240

2. Article Number (Copy from service label)

7099 3220 0001 9919 6078

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X Signature

☐ Agent

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merch

4. Restricted Delivery? (Extra Fee) ☐ Yes

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

NM State Land  
PO Box 1148  
Santa Fe NM 87504

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

C. Signature

X Signature

☐ Agent

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merch

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number (Copy from service label)

7099 3220 0001 9919 6092

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

# Affidavit of Publication

STATE OF NEW MEXICO                     )  
  ) ss.  
COUNTY OF LEA                         )


Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

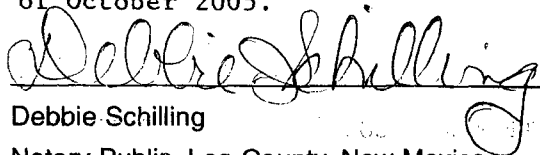
That the notice which is hereto attached, entitled

Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of October 22, 2005 and ending with the issue of October 22, 2005.

And that the cost of publishing said notice is the sum of \$ 18.77 which sum has been (Paid) as Court Costs.

  
Subscribed and sworn to before me this 31st day  
of October 2005.

  
Debbie Schilling  
Notary Public, Lea County, New Mexico  
My Commission Expires June 22, 2006

## LEGAL NOTICE

Tipton Oil and Gas Acquisitions, Inc., P.O. Box 1234, Lovington, NM 88260, 505-396-8751, (Clay Tipton - Representative), has filed an Application for Authorization to Inject (C-108) with the New Mexico Oil Conservation Division seeking administrative approval to convert the Sunray 682 Ltd. Well No. 3, API 30-025-22946, to a salt water disposal well. The subject well is located 1980' FNL and 660' FEL, Section 36, T-9S, R33E, Lea County, NM. Produced water from the San Andres will be disposed into the Pennsylvanian Cisco (Bough C) at a depth of 9734-9744' with a maximum pressure of 1000 lbs. psi and a maximum rate of 800 bbls. of water per day.

Interested parties must file an objection or request for hearing with the Oil Conservation Division, 1220 S. St. Francis Drive, Santa Fe, NM 87505, within 15 days.  
Published in the Lovington Leader October 22, 2005.

Tipton Oil and Gas Acquisitions

Sunray 682 Ltd # 3

API # 30-025-22946

1980 FNL X 660 FEL

Section 36, T9S,R33E

Lea County, New Mexico

12 3/4" 33.38# casing set in 17 1/2" hole at 382ft. Cemented with 375sx cement. Cement ✓  
circulated.

8 5/8" 24# 28# 32# casing set in 11" hole at 3955ft. Cemented with 400 sx cement. Top  
of cement calculated at 2950ft.

5 1/2" 15.5# 17# casing set in 7 7/8" hole at 9770ft. Cemented with 300sx cement. Top of  
cement calculated at 8750ft

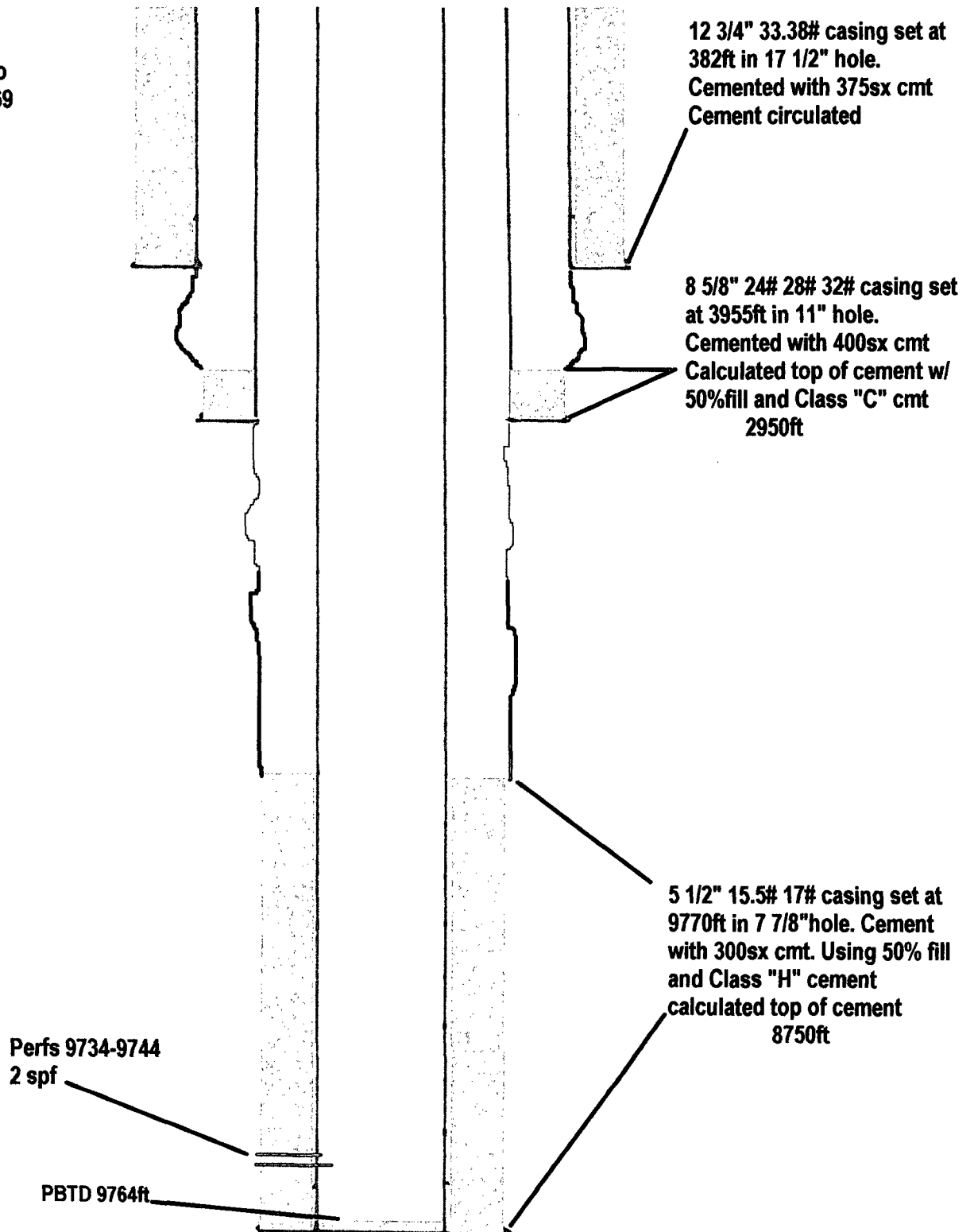
Perfs 9734-9744ft

ATTACHMENT A

Tipton Oil and Gas Acquisition, Inc  
PO Box 1234  
Lovinton, New Mexico 88260  
505-396-2114

Sunray 682 Ltd # 3  
API # 30-025-22946  
1980 FNL X 660 FEL UL "H"  
Section 36, T9S, R33E  
NMPM  
Lea County, New Mexico  
Drilled & Completed 1969

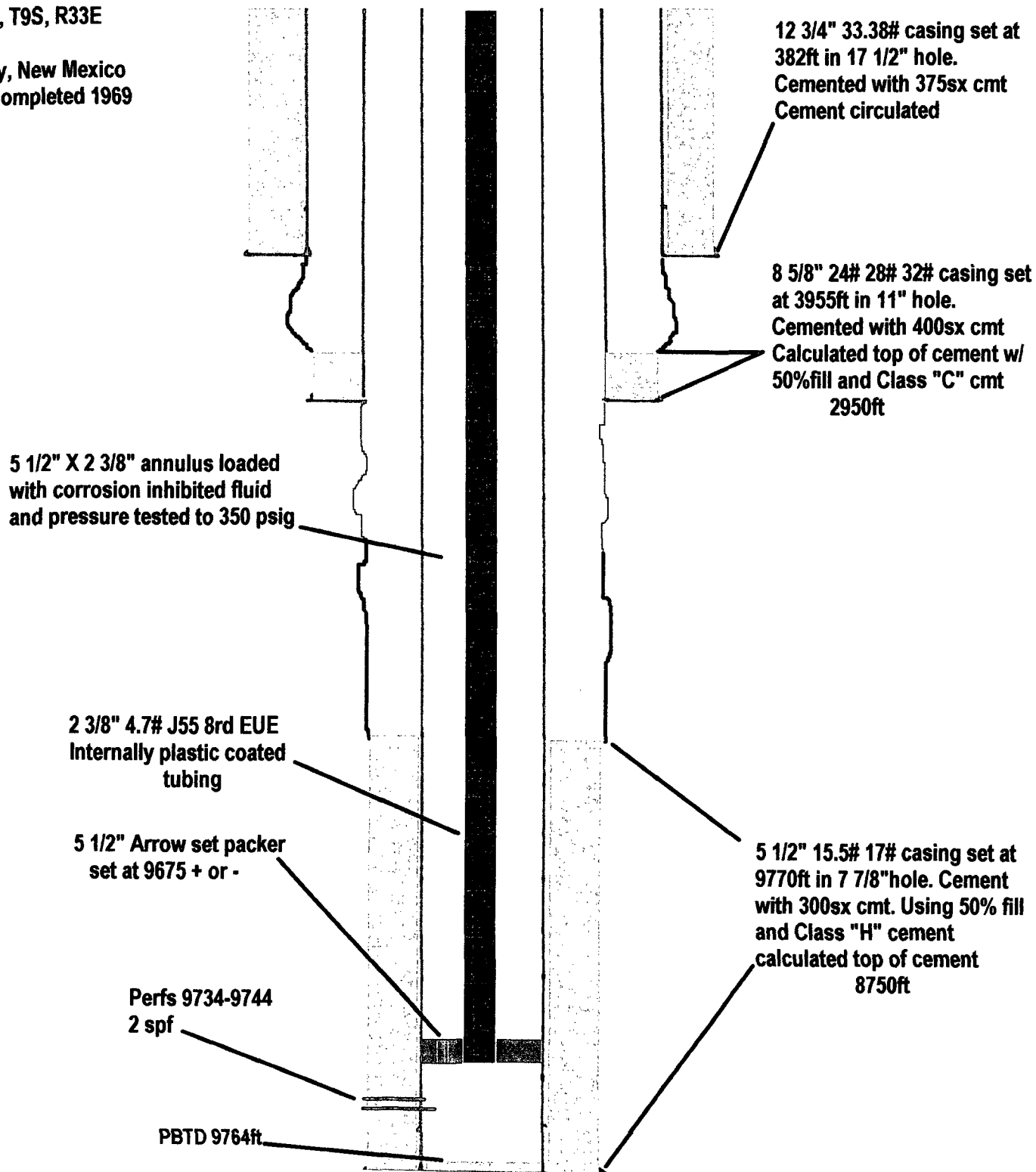
**Current Wellbore Construction**



Tipton Oil and Gas Acquisition, Inc  
PO Box 1234  
Lovinton, New Mexico 88260  
505-396-2114

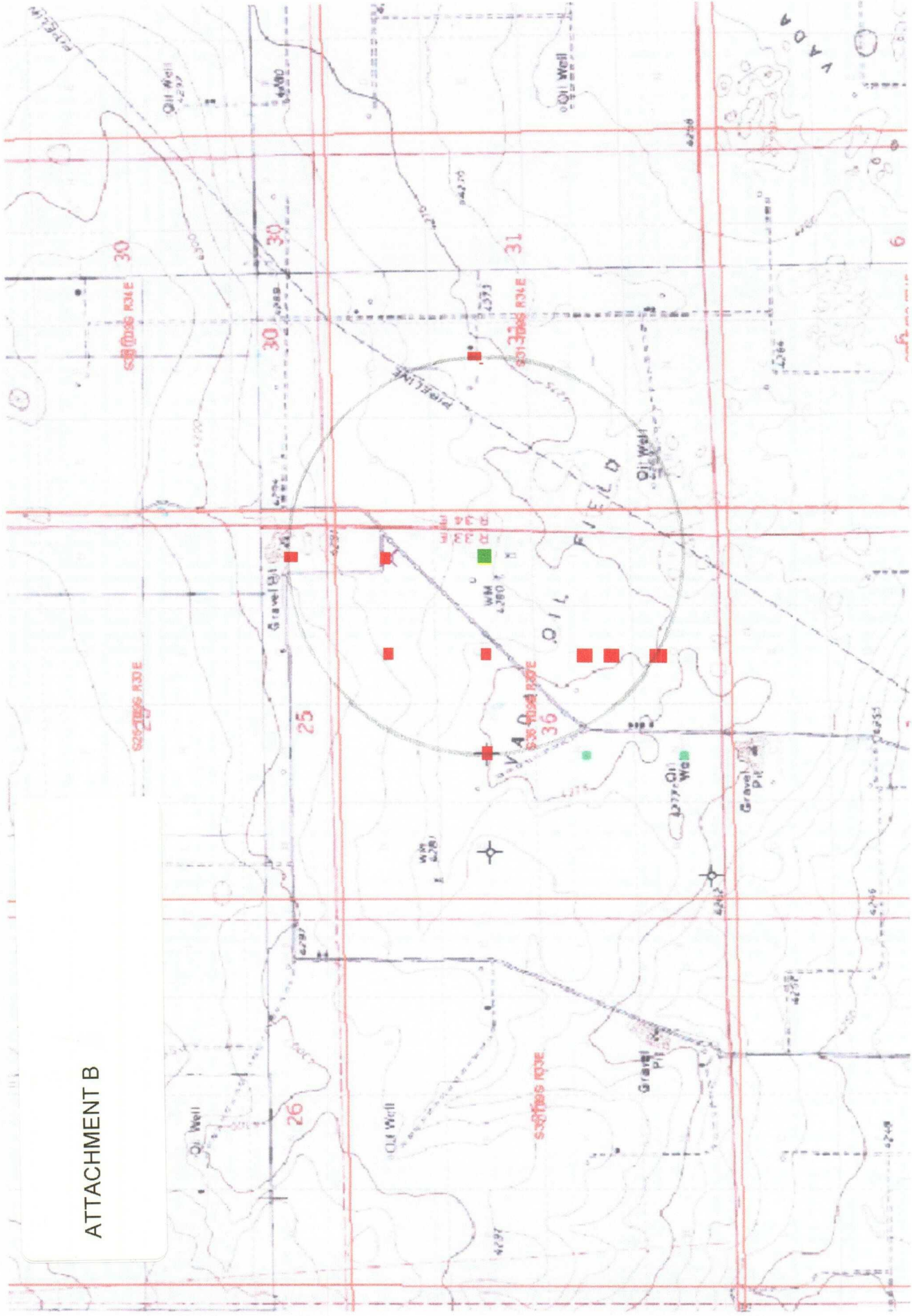
Sunray 682 Ltd # 3  
API # 30-025-22946  
1980 FNL X 660 FEL UL "H"  
Section 36, T9S, R33E  
NMPM  
Lea County, New Mexico  
Drilled & Completed 1969

Wellbore after conversion to SWD



ATTACHMENT A

ATTACHMENT B



# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : TOGA  
 Lease : Sunray  
 Well No.:  
 Location:  
 Attention:

Date Sampled : 11-May-2005  
 Date Analyzed: 16-May-2005  
 Lab ID Number: May1605.001- 2  
 Salesperson :  
 File Name : G:\ANALYSES\DATA\May1605.001

### ANALYSIS

1. Ph 6.020
2. Specific Gravity 60/60 F. 1.155
3. CACO3 Saturation Index @ 80F 0.392  
 @ 140F 1.752

### Dissolved Gases

4. Hydrogen Sulfide 60
5. Carbon Dioxide 110
6. Dissolved Oxygen Not Determined

### Cations

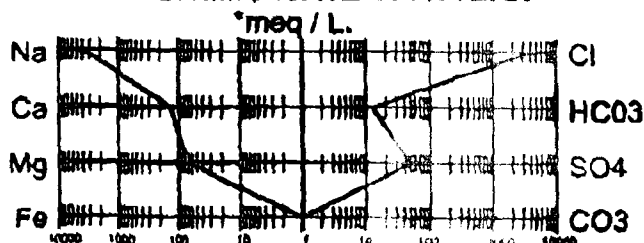
7. Calcium (Ca++) 2,581 / 20.1 = 128.41
8. Magnesium (Mg++) 839 / 12.2 = 68.77
9. Sodium (Na+) (Calculated) 86,330 / 23.0 = 3,753.48
10. Barium (Ba++) Not Determined

### Anions

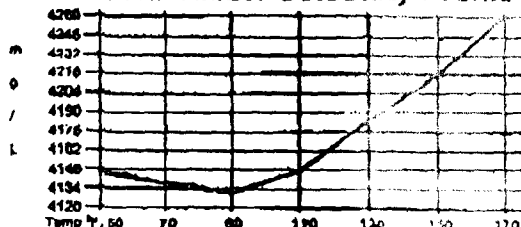
11. Hydroxyl (OH+) 0 / 17.0 = 0.00
12. Carbonate (CO3=) 0 / 30.0 = 0.00
13. Bicarbonate (HCO3-) 758 / 61.1 = 12.41
14. Sulfate (SO4=) 2,350 / 48.8 = 48.16
15. Chloride (Cl-) 137,989 / 35.5 = 3,886.45
16. Total Dissolved Solids 230,827
17. Total Iron (Fe) 4 / 18.2 = 0.22
18. Total Hardness as CaCO3 9,899
19. Resistivity @ 75 F. (Calculated) 0.001 Ohm · meters

*TOP HIGH*

### LOGARITHMIC WATER PATTERN



### Calcium Sulfate Solubility Profile



### PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	12.41		81.04	1,005
CaSO4	48.16		68.07	3,278
CaCl2	67.85		55.50	3,765
Mg(HCO3)2	0.00		73.17	0
MgSO4	0.00		60.19	0
MgCl2	68.77		47.62	3,275
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	3,749.83		58.46	219,215
* milliequivalents per Liter				

Jay Snider, Analyst

ATTACHMENT D

*SAN ANDRES*

# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Latigo  
Lease : Alnsworth  
Well No.:  
Location:  
Attention:

Date Sampled : 11-May-2005

Date Analyzed: 16-May-2005

Lab ID Number: May1605.001- 1

Salesperson :

File Name : G:\ANALYSES\DATA\May1605.001

### ANALYSIS

1. Ph
2. Specific Gravity 60/60 F.
3. CACO3 Saturation Index

6.540

1.067

@ 80F  
@ 140F

-0.151

0.779

### Dissolved Gases

4. Hydrogen Sulfide
5. Carbon Dioxide
6. Dissolved Oxygen

MG/L.

EQ. WT.

\*MEQ/L

0

50

Not Determined

### Cations

7. Calcium (Ca++)
8. Magnesium (Mg++)
9. Sodium (Na+)
10. Barium (Ba++)

(Calculated)

4,425

/ 20.1 =

220.15

727

/ 12.2 =

59.59

28,818

/ 23.0 =

1,252.96

Not Determined

### Anions

11. Hydroxyl (OH+)
12. Carbonate (CO3=)
13. Bicarbonate (HCO3-)
14. Sulfate (SO4=)
15. Chloride (Cl-)
16. Total Dissolved Solids
17. Total Iron (Fe)
18. Total Hardness as CaCO3
19. Resistivity @ 75 F. (Calculated)

0

/ 17.0 =

0.00

0

/ 30.0 =

0.00

264

/ 61.1 =

4.32

335

/ 48.8 =

6.86

53,988

/ 35.5 =

1,520.79

88,557

5

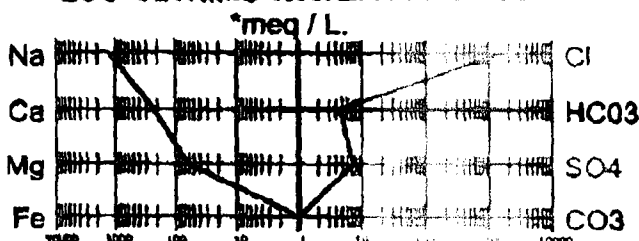
/ 18.2 =

0.25

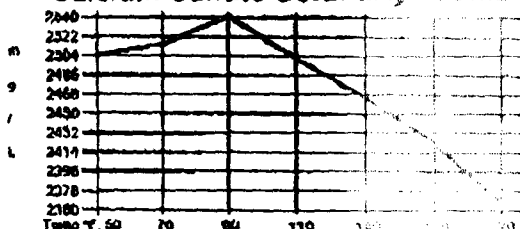
14,043

0.108 Ohm · meters

### LOGARITHMIC WATER PATTERN



### Calcium Sulfate Solubility Profile



### PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	4.32		81.04	350
CaSO4	6.86		68.07	467
CaCl2	208.96		55.50	11,597
Mg(HCO3)2	0.00		73.17	0
MgSO4	0.00		60.19	0
MgCl2	59.59		47.62	2,838
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	1,252.23		58.46	73,206

\* milliequivalents per Liter

Jay Snider, Analyst

BOUGH  
Penn FORMATION



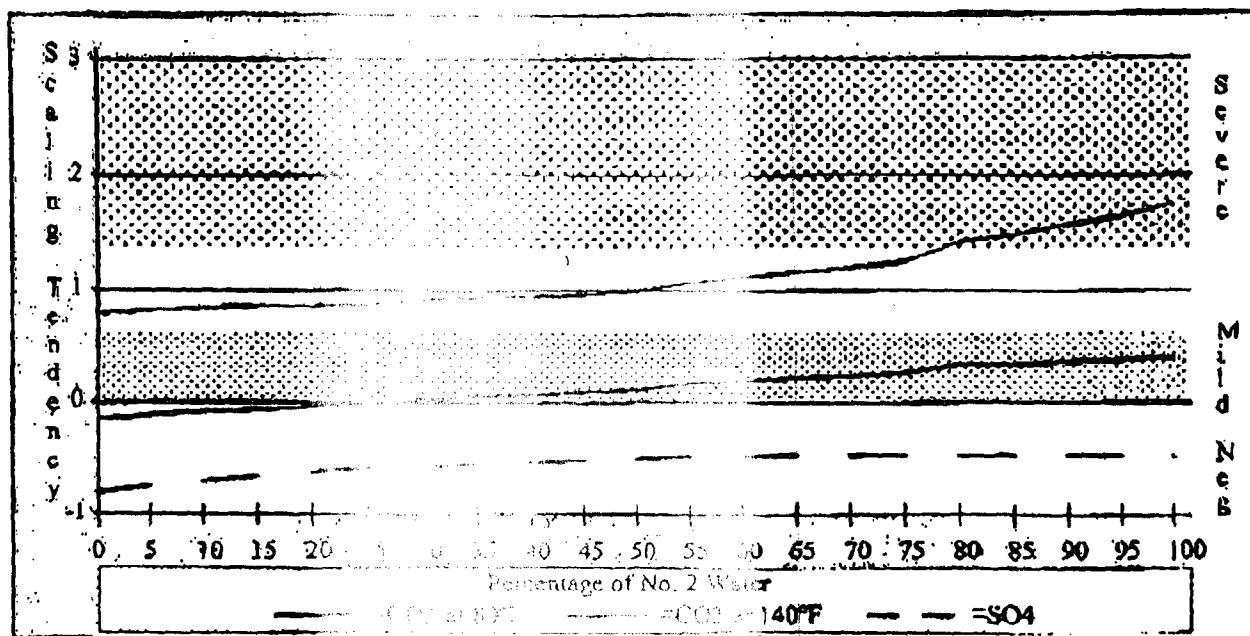
# Comparison Between Two Waters

Requested by: Pro-Kem, Inc.²

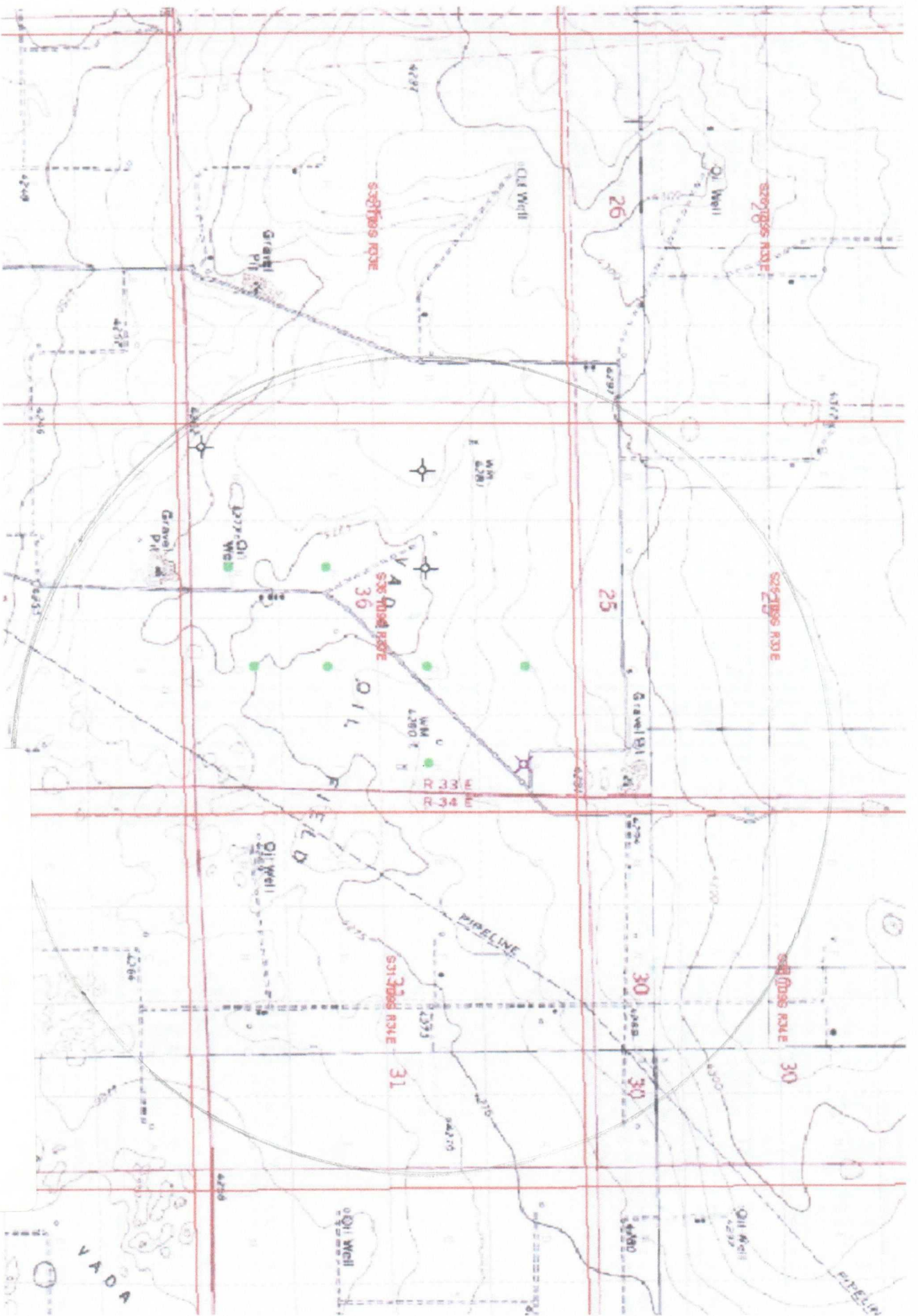
Sample No. 1  
Latigo  
Ainsworth  
11-May-2005

Sample No. 2  
TOGA  
Sunray  
11-May-2005

Percent of #1 & #2	pH	TDS	spGr	CaCO3 Saturation		Calcium Sulfate Scaling Potential
				@80°F.	@140°F.	
100 - 00	6.540	88,557	1.067	-0.151	0.779	Nil
95 - 05	6.514	95,671	1.071	-0.107	0.813	Nil
90 - 10	6.488	102,784	1.076	-0.087	0.848	Nil
85 - 15	6.462	109,897	1.080	-0.070	0.855	Nil
80 - 20	6.436	117,011	1.085	-0.045	0.860	Nil
75 - 25	6.410	124,125	1.089	-0.022	0.868	Nil
70 - 30	6.384	131,238	1.093	0.018	0.908	Nil
65 - 35	6.358	138,352	1.098	0.037	0.927	Nil
60 - 40	6.332	145,465	1.102	0.064	0.944	Nil
55 - 45	6.306	152,578	1.107	0.090	0.970	Nil
50 - 50	6.280	159,692	1.111	0.104	1.004	Nil
45 - 55	6.254	166,806	1.115	0.157	1.077	Nil
40 - 60	6.228	173,919	1.120	0.178	1.118	Nil
35 - 65	6.202	181,033	1.124	0.199	1.159	Nil
30 - 70	6.176	188,146	1.129	0.208	1.198	Nil
25 - 75	6.150	195,260	1.133	0.216	1.256	Nil
20 - 80	6.124	202,373	1.137	0.314	1.424	Nil
15 - 85	6.098	209,487	1.142	0.320	1.490	Nil
10 - 90	6.072	216,600	1.146	0.345	1.565	Nil
05 - 95	6.046	223,714	1.151	0.359	1.639	Nil
00 - 100	6.020	230,827	1.155	0.392	1.752	Nil



Attachment D



1 mile Area of Review

ATTACHMENT E

333129103

Water Resources

Data Category:

Ground Water

Geographic Area:

New Mexico

go

# Ground-water levels for New Mexico

## Search Results -- 1 sites found

### Search Criteria

Agency code = usgs

site\_no list =

- 333129103290401

[Save file of selected sites to local disk for future upload](#)

## USGS 333129103290401 09S.34E.17.342342

Lea County, New Mexico

Latitude 33°31'29", Longitude 103°29'04"

NAD27

Land-surface elevation


4,296.00 feet above sea level NGVD29


The depth of the well is 78 feet below land surface.

This well is completed in the OGALLALA FORMATION (121OGLL) local aquifer.

### Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	Water level, feet below land surface	 Status
1954-05-17		50.50	
1970-07-29		62.84	R
1971-04-14		50.83	R

Date	Time	Water level, feet below land surface	 Status
1976-05-27		49.15	
1981-01-30		48.97	
1986-04-10		48.09	
1990-11-29		47.53	
1996-01-10		47.32	

[Questions about data](#) [New Mexico NWISWeb Data Inquiries](#)[Feedback on this website](#) [New Mexico NWISWeb Maintainer](#)

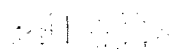
Ground water for New Mexico: Water Levels

<http://waterdata.usgs.gov/nm/nwis/gwlevels?>[Top](#)[Explanation of terms](#)

Attachment E

Retrieved on 2005-10-18 15:07:23 EDT

Department of the Interior, U.S. Geological Survey


**Water Resources****Data Category:**

Ground Water

**Geographic Area:**

New Mexico

[go](#)

# Ground-water levels for New Mexico

## Search Results -- 1 sites found

### Search Criteria

Agency code = usgs

site\_no list =

- 333204103353801

[Save file of selected sites to local disk for future upload](#)

## USGS 333204103353801 09S.33E.17.113243

Lea County, New Mexico

Latitude 33°32'04", Longitude 103°35'38"

NAD27

Land-surface elevation


4,399.00 feet above sea level NGVD29


The depth of the well is 160 feet below land surface.

This well is completed in the CRETACEOUS SYSTEM (210CRCS) local aquifer.

### Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Date	Time	Water level, feet below land surface	 Status
1970-07-28		88.64	
1971-04-15		79.29	R

Date	Time	Water level, feet below land surface	 Status
1981-02-06		70.12	R
1986-04-15		71.69	
1990-11-30		53.51	
1996-01-12		55.68	

[Questions about data](#)    [New Mexico NWISWeb Data Inquiries](#)
[Feedback on this website](#) [New Mexico NWISWeb Maintainer](#)

Ground water for New Mexico: Water Levels

<http://waterdata.usgs.gov/nm/nwis/gwlevels?>
[Top](#)[Explanation of terms](#)**Attachment E**

Retrieved on 2005-10-18 15:08:52 EDT

Department of the Interior, U.S. Geological Survey

USGS Water Resources of New Mexico

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**Tipton Oil and Gas Acquisitions  
Sunray 682 Ltd # 3  
API # 30-025-22946  
Wells identified in AOR**

**1. Well:** SUNRAY 682 LTD No.: 002  
**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.  
**API:** 3002500964 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** J  
**Well originally drilled to Bough C and plugged back to the San Andres**

OK

A

**2. Well:** SUNRAY 682 LTD No.: 005  
**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC  
**API:** 3002530911 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** B  
**Well does not penetrate the disposal zone in the Sunray 682 Ltd # 3**

X

**3. Well:** SUNRAY 682 LTD No.: 003  
**Operator:** BTA OIL PRODUCERS  
**API:** 3002522517 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** A  
**Permit cancelled well was never drilled**

X

**4. Well:** COASTAL STATE No.: 001  
**Operator:** CHI OPERATING INC  
**API:** 3002500969 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** F  
**Well is plugged**

OK

P

**5. Well:** MIDWEST G FED OIL COM No.: 001  
**Operator:** PETROLEUM PRODUCTION MANAGEMENT INC  
**API:** 3002522715 **Township:** 09.0S **Range:** 34E  
**Section:** 31 **Unit:** F  
**Well is plugged**

OK

P

**6. Well:** MIDWEST H FEDERAL No.: 001  
**Operator:** BP AMERICA PRODUCTION  
**API:** 3002522815 **Township:** 09.0S **Range:** 33E  
**Section:** 25 **Unit:** P  
**Well is plugged**

OK

P


**7. Well:** TWITTY BHF STATE No.: 001  
**Operator:** YATES PETROLEUM CORPORATION  
**API:** 3002537466 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** J  
**Well will penetrate the disposal zone in the Sunray 682 Ltd # 3**

OK


A

**Tipton Oil and Gas Acquisitions  
Sunray 682 Ltd # 3  
API # 30-025-22946  
Wells identified in AOR**

**8. Well: SUNRAY A 6822 LTD No.: 001**  
**Operator: DWIGHT A TIPTON**  
**API: 3002531000 Township: 09.0S Range: 33E**  
**Section: 36 Unit: O**  
**Land Type: S County: Lea**  
**Well is on the edge of the 0.5 mile Area of Review**  
**Well does not penetrate the disposal zone of the Sunray 682 Ltd # 3**



**9. Well: SUNRAY A 6822 LTD No.: 003**  
**Operator: DWIGHT A TIPTON**  
**API: 3002531061 Township: 09.0S Range: 33E**  
**Section: 36 Unit: G**  
**Land Type: S County: Lea**  
**Well does not penetrate the disposal zone in the Sunray 682 # 3**



**Well:** MIDWEST G FED OIL COM   **No.:** 001  
**Operator:** PETROLEUM PRODUCTION MANAGEMENT INC  
**API:** 3002522715   **Township:** 09.0S   **Range:** 34E  
**Section:** 31   **Unit:** F

11 3/4" casing set at 385ft. Cemented with 325sx cement. Cement circulated  
8 5/8" casing set at 4019ft. Cemented with 400sx cement. Top of cement unknown  
5 1/2" casing set at 9830ft. Cemented with 400sx cement. NMOCD well file indicates  
top of cement at 8050ft  
Plugged and abandoned  
Plug at 9454-9728ft (25sx)  
Plug at 4867-5084ft (25sx)  
Plug at 3673-4092ft (42sx)  
Cut and pull 5 1/2" casing from 3029ft  
Plug at 2894-3095ft (35sx)  
Cut and pull 8 5/8" casing from 379ft  
Plug at 329-434ft (50sx)  
Plug at 0-60ft (20sx)

**Attachment C**

**Tipton Oil and Gas Acquisition, Inc**  
**PO Box 1234**  
**Lovinton, New Mexico 88260**  
**505-396-2114**

**PPMI**

**Midwest G Fed Oil Com # 1**

**API # 30-025-22715**

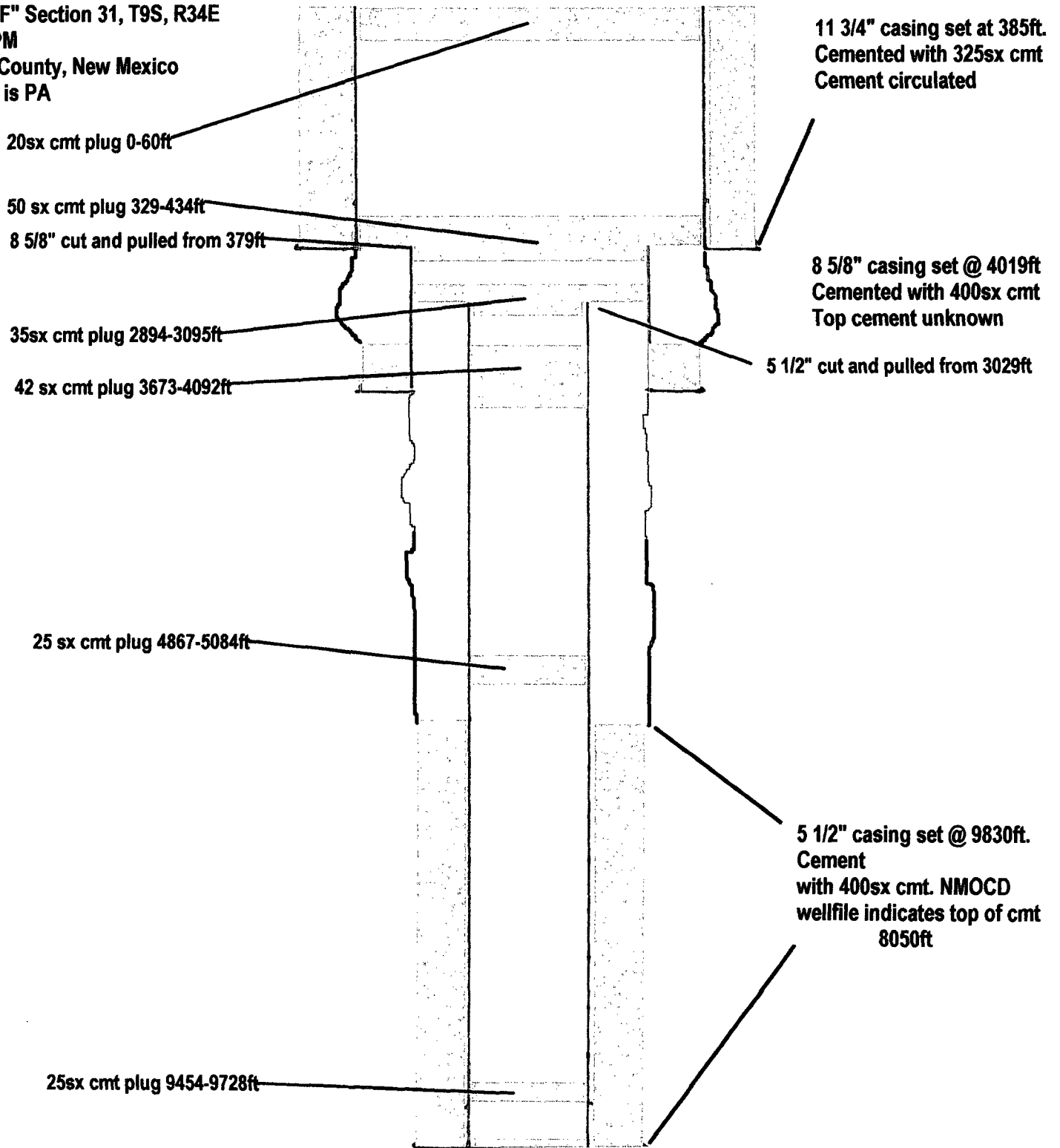
**UL "F" Section 31, T9S, R34E**

**NMPM**

**Lea County, New Mexico**

**Well is PA**

**Current Wellbore Construction**



**Attachment C**



**1. Well:** SUNRAY 682 LTD No.: 002  
**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.  
**API:** 3002500964 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** J

13 3/8" 36# casing was set in 17 1/2" hole at 336ft. Cemented with 350 sx cement. Cement was circulated.  
9 5/8" 32# 36# 40# casing was set in 12 1/4" hole at 3999ft. Cemented with 1700sx cement. Cement was circulated.  
7" 23# 26# 29# casing was set in 8 3/4" hole at 10895ft. Cemented with 400sx cement. Top of cement at 7785ft by temp survey.  
Well was plugged and abandoned in 1960  
Plugs 9585-9638ft in 7" casing  
7" casing cut and pulled from 7728ft  
Plug at 7666ft (25sx)  
Plug at 5380ft (50sx)  
Plug at 4330ft (25sx)  
Plug at surface  
Well was re-entered in 1968  
Plugs were drilled out to 9750ft  
4 1/2" casing was set in 7" casing at 9750ft. Cemented with 200sx cement  
Well plugged and abandoned in 1974.  
Plug at 9600ft (81sx)  
4 1/2" casing cut and pulled from 6194ft  
Plug at 5200ft (50sx)  
Plug at 4000ft (75sx)  
Plug at 1500ft (65sx)  
Plug at surface  
Well was re-entered in 1990  
Plugs were drilled out to 5390ft  
7" 23# 26# casing was run to 5297ft. Cemented with 450sx cement. Top of cement at 3010ft by temperature survey  
Perfs 4630-4640ft  
Well is currently producing from Lane San Andres Pool

ATTACHMENT C

Tipton Oil and Gas Acquisition, Inc  
PO Box 1234  
Lovinton, New Mexico 88260  
505-396-2114

**Current Wellbore Construction**

Sunray 682 Ltd # 2  
API # 30-025-00964  
UL "J" Section 36, T9S, R33E  
NMPM  
Lea County, New Mexico  
Currently producing from  
Lane San Andres

7" 23# 26# casing set at 5297ft. Cmt  
w/ 450sx cmt. TOC at 3010ft by TS

Lane San Andres Perfs  
4630-4640ft

50 sx cmt plug@5390ft

Top of 4 1/2 casing  
6194ft

Top of original 7 "  
7728'

Plug in 4 1/2" casing at 9600ft  
81 sx cement

Plug in 7" casing at 9750ft

13 3/8" 36# casing set at  
336ft in 17 1/2" hole.  
Cemented with 350sx cmt  
Cement circulated

9 5/8" 32# 36# 40# casing set  
at 3999ft in 12 1/4" hole.  
Cemented with 1700sx cmt  
Cement circulated

Second Completion 4 1/2" csg set in 7"  
at 9750ft. Cemented with 200sx cmt.  
4 1/2" cut and pulled from 6194ft during  
1974 PA

Original completion - 7" casing was set  
@ 10895ft. Cmt w/ 400sx cmt. TOC  
7785ft  
by TS. 7" was cut and pulled from  
7728ft  
during 1960 PA.

ATTACHMENT C

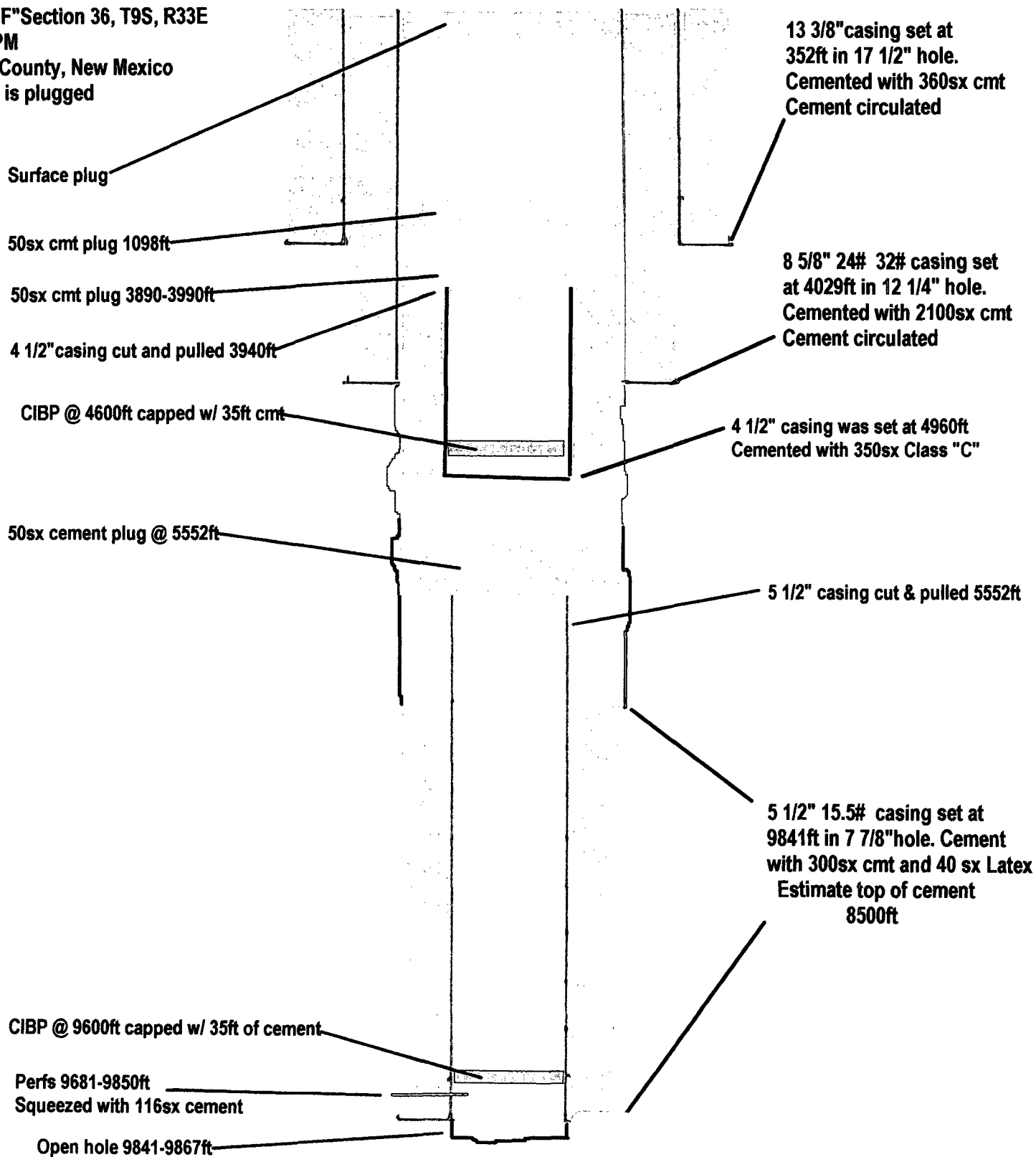
**Well:**COASTAL STATE **No.:** 001  
**Operator:** CHI OPERATING INC  
**API:** 3002500969 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** F  
**Well is plugged**

13 3/8" casing set in 17 1/2" hole at 352ft. Cemented with 360sx cement.  
Cement circulated  
8 5/8" 24# 32# casing set in 12 1/4" hole at 4029ft. Cemented with 2100sx  
cement. Cement Circulated  
7 7/8" hole drilled to 9865ft  
Well plugged as dry and abandoned  
Plug at 9865ft (150sx)  
Plug at 8850ft (50sx)  
Plug at 8000ft (100sx)  
Plug at 4100ft (200sx)  
Plug at surface  
Well re-entered plugs were drilled out to depth 9867ft  
5 1/2" 15.5# casing was set at 9841ft. Cemented with 300sx cement and 40sx  
Latex. Estimated top of cement at 8500ft  
Perfs 9683-9689ft  
Squeezed with 75sx cement  
Perfs 9681-9684ft  
Squeezed 41sx cement  
Perfs 9834-9850ft  
OH 9841-9867ft  
Well was plugged and abandoned  
CIBP set at 9600ft. Capped with 35ft of cement  
5 1/2" cut and pulled from 5552ft  
Plug at 5552ft (50sx)  
Plug at 5342ft (50sx)  
Plug at 4039ft (50sx)  
Plug at surface  
Well was re-entered 1991  
Plugs drilled out to 4960ft  
4 1/2" casing was set 4960ft. Cemented with 350sx Class "C"  
Well was plugged and abandoned  
CIBP set at 4600ft capped with 35ft of cement  
4 1/2" casing cut and pulled from 3940ft  
Plug from 3990 -3890ft (50sx)  
Plug at 1098ft (50sx)  
Plug at surface

ATTACHMENT C

Chi Operating Inc  
Coastal State # 1  
API # 30-025-00969  
UL "F" Section 36, T9S, R33E  
NMPM  
Lea County, New Mexico  
Well is plugged

### Current Wellbore Construction



ATTACHMENT C

Attachment C

**Well:** MIDWEST H FEDERAL   **No.:** 001  
**Operator:** BP AMERICA PRODUCTION  
**API:** 3002522815   **Township:** 09.0S   **Range:** 33E  
**Section:** 25   **Unit:** P

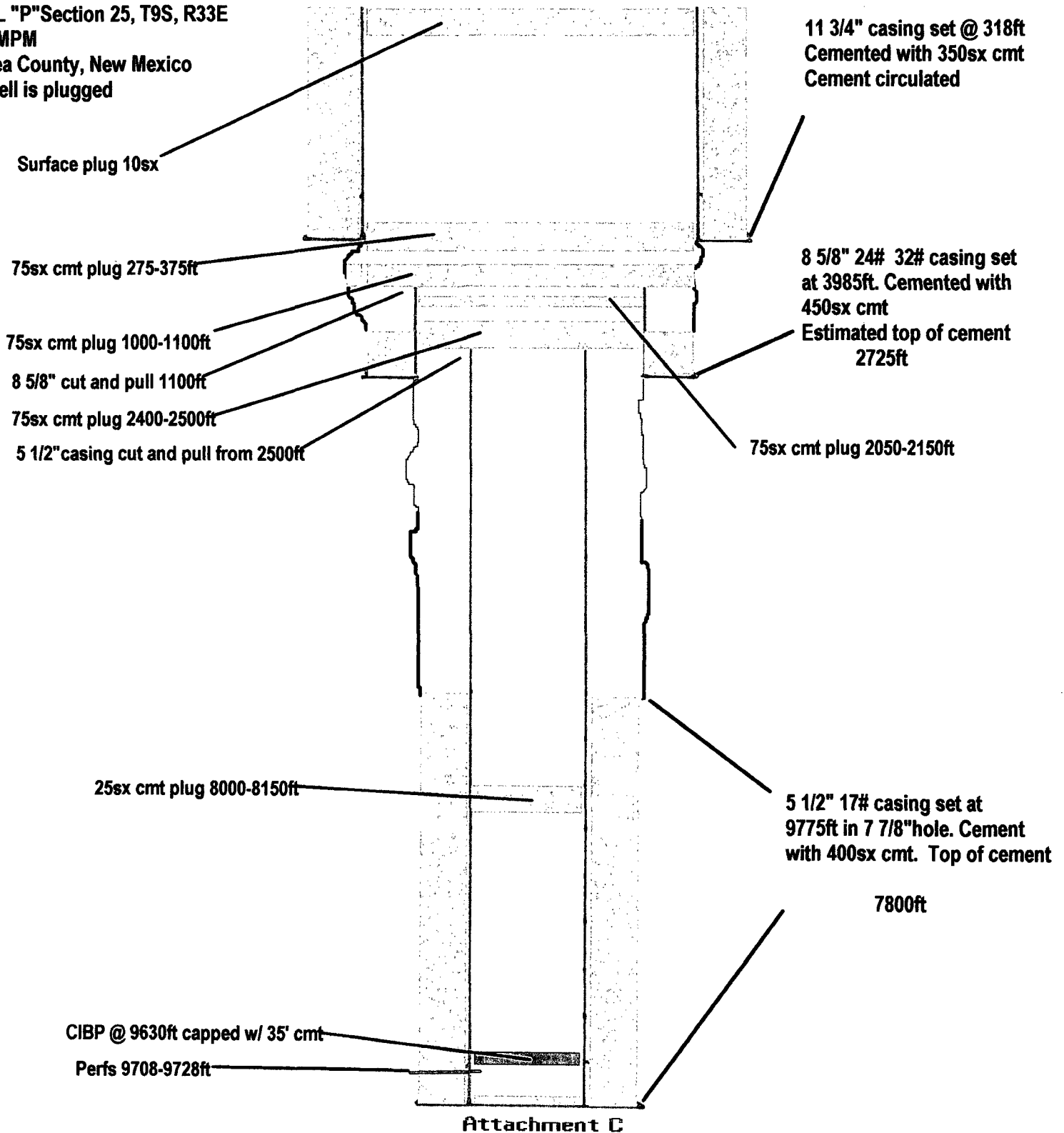
11 3/4" casing set at 318ft. Cemented with 350sx cement. Cement Circulated  
8 5/8" 24# 32# casing set at 3985ft. Cemented with 450sx cement. Estimated top of  
cement at 2725ft  
5 1/2" 17# casing set at 9775ft. Cemented with 400sx cement. Top of cement at 7800ft  
Perfs 9708-9728ft  
Plugged and abandoned  
CIBP set at 9630ft capped with 35ft of cement  
Plug at 8000-8150ft (25sx)  
Cut and pull 5 1/2" casing 2500ft  
Plug at 2400-2500ft (75sx)  
Cut and pull 8 5/8" casing from 1100ft  
Plug at 2050-2150ft (75sx)  
Plug at 1000-1100ft (75sx)  
Plug at 275-375ft (75sx)  
Plug at surface (10sx)

**Attachment C**

Tipton Oil and Gas Acquisition, Inc  
PO Box 1234  
Lovinton, New Mexico 88260  
505-396-2114

BP American Production  
Midwest H Federal # 1  
API # 30-025-22815  
UL "P"Section 25, T9S, R33E  
NMPM  
Lea County, New Mexico  
Well is plugged

Current Wellbore Construction



**Well:** TWITTY BHF STATE No.: 001  
**Operator:** YATES PETROLEUM CORPORATION  
**API:** 3002537466 **Township:** 09.0S **Range:** 33E  
**Section:** 36 **Unit:** J

**C101 approved to drill 9/26/2005**

**Proposed wellbore**

13 3/8" casing set at 400ft. Cement with 400sx cement. Cement will be circulated

9 5/8" casing set at 4000ft. Cement with 1300sx cement. Cement will be circulated

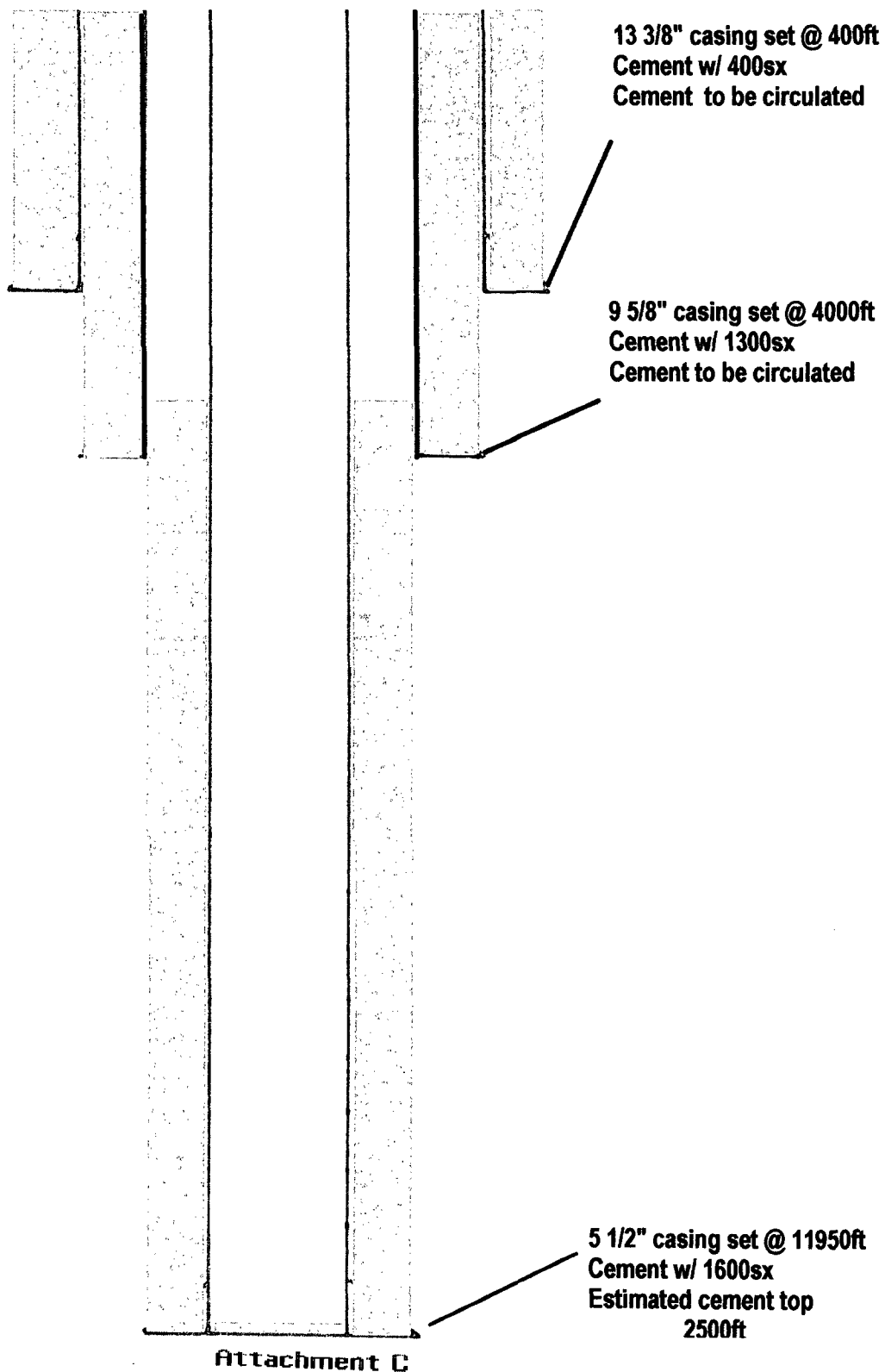
5 1/2" casing set at 11950ft. Cement with 1600sx cement. Cement top estimated to be at 2500ft

**Attachment C**

Tipton Oil and Gas Acquisition, Inc  
PO Box 1234  
Lovinton, New Mexico 88260  
505-396-2114

Yates Petroleum Corp  
Twitty BHF State # 1  
API # 30-025-37466  
UL"J" Sec. 36, T9S, R33E  
Lea County, New Mexico  
Well not drilled or completed  
C101 approved 9/26/2005

### Proposed Wellbore Construction





District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Permit 16091

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth St. Artesia, NM 88210		OGRID Number 25575
		API Number 30-025-37466
Property Code 35120	Property Name TWITTY BHF STATE	Well No. 001

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	36	09S	33E	J	1650	S	1980	E	Lea

**Proposed Pools**

X-4 RANCH, MISSISSIPPIAN, WEST (GAS) 97437

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	GAS		State	4274
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	11950	Mississippian Age Rocks- Undivided		09/24/2005

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	400	0
Int1	12.25	9.625	40	4000	1300	0
Prod	8.75	5.5	17	11950	1600	3500

**Casing/Cement Program: Additional Comments**

Yates Petroleum Corporation proposes to drill and test the Mississippian/intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set at 4000', cement circulated to surface. If commercial, production casing will be ran, cemented, perforated, and stimulated as need to gain production. MUD PROGRAM: 0-400 FW Gel/Paper; 400-2050 FW; 2050-4000 Red Bed Mud/Oil; 4000-7600 Cut Brine; 7600-11152 SGel/Starch; 11152-TD SW/Starch/4-6% KCL.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

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

Electronically Signed By: Debbie Caffall

Title: Regulatory Technician

Date: 09/23/2005

Phone: 505-748-4364

**OIL CONSERVATION DIVISION**

Electronically Approved By: Paul Kautz

Title: Geologist

Approval Date: 09/26/2005 Expiration Date: 09/26/2006

Conditions of Approval:

There are conditions. See Attached

**Attachment C**

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OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
E-7351

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		9. Well No.	
BTA Oil Producers		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
104 South Pecos, Midland, Texas 79701		Lane Penn.	
4. Location of Well		12. County	
UNIT LETTER A LOCATED 660 FEET FROM THE North LINE		Lea	
AND 660 FEET FROM THE East LINE OF SEC. 36 TWP. 9-S RGE. 33-E NMPM			
19. Proposed Depth		19A. Formation	
9900		Penn.	
20. Rotary or C.T.		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
4290' G.L.		BLANKET-ON FILE	
21B. Drilling Contractor		22. Approx. Date Work will start	
HONDO DRILLING CO.		April 15, 1968	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	12 3/4"	33.38#	375'	375 sx.	Circulate
11"	8 5/8"	24 & 28#	4000'	400 sx.	1900'
7 7/8"	4 1/2"	10.5 & 11.6#	9900'	300 sx.	8700'

THE COMMISSION MUST BE NOTIFIED  
24 HOURS PRIOR TO RUNNING CASING.

Attachment C

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES July 23, 1968

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Production Supt. Date April 8, 1968

(This space for State Use)

APPROVED BY [Signature] TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

Tipton Oil and Gas Acquisitions, Inc  
C108 (Application for Authority to Inject)

Source of produced water for disposal in the Sunray 682 Ltd # 3

**Well:** SUNRAY 682 LTD No.: 001

**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.

**API:** 3002500970 **Township:** 09.0S **Range:** 33E

**Section:** 36 **Unit:** N

**Land Type:** S **County:** Lea

**Pools associated:**

- LANE;SAN ANDRES **Total Acreage:** 40 **Completion:** 1

**Well:** SUNRAY 682 LTD No.: 002

**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.

**API:** 3002500964 **Township:** 09.0S **Range:** 33E

**Section:** 36 **Unit:** J

**Land Type:** S **County:** Lea

**Pools associated:**

- LANE;SAN ANDRES **Total Acreage:** 40 **Completion:** 1

**Well:** SUNRAY 682 LTD No.: 005

**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.

**API:** 3002530911 **Township:** 09.0S **Range:** 33E

**Section:** 36 **Unit:** B

**Land Type:** S **County:** Lea

**Pools associated:**

- LANE;SAN ANDRES **Total Acreage:** 40 **Completion:** 1

**Well:** LANE B No.: 003

**Operator:** TIPTON OIL & GAS ACQUISITIONS, INC.

**API:** 3002500975 **Township:** 10.0S **Range:** 33E

**Section:** 1 **Unit:** C

**Land Type:** S **County:** Lea

**Pools associated:**

- LANE;SAN ANDRES **Total Acreage:** 40 **Completion:** 1

**Well:** SUNRAY A 6822 LTD No.: 001

**Operator:** DWIGHT A TIPTON [ NM SLO data ]

**API:** 3002531000 **Township:** 09.0S **Range:** 33E

**Section:** 36 **Unit:** O

**Land Type:** S **County:** Lea

**Pools associated:** Lane San Andres

Tipton Oil and Gas Acquisitions, Inc  
C108 (Application for Authority to Inject)  
Source of produced water for disposal in the Sunray 682 Ltd # 3

**Well:** SUNRAY A 6822 LTD   **No.:** 002  
**Operator:** DWIGHT A TIPTON  
**API:** 3002531060   **Township:** 09.0S   **Range:** 33E  
**Section:** 36   **Unit:** K  
**Land Type:** S   **County:** Lea  
**Pools associated:**

- LANE;SAN ANDRES   **Total Acreage:** 40   **Completion:** 1

**Well:** SUNRAY A 6822 LTD   **No.:** 003  
**Operator:** DWIGHT A TIPTON  
**API:** 3002531061   **Township:** 09.0S   **Range:** 33E  
**Section:** 36   **Unit:** G  
**Land Type:** S   **County:** Lea  
**Pools associated:**

- LANE;SAN ANDRES   **Total Acreage:** 40   **Completion:** 1