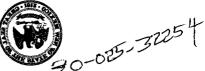
		<i>c</i>
5.18.05	SS SEPTEN	2/05

ENGINEER

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



		ADMINISTRATIVE APPLI	CATION CHECKLIST	
Т	THIS CHECKLIST IS M	IANDATORY FOR ALL ADMINISTRATIVE APPLICATI WHICH REQUIRE PROCESSING AT TH	IONS FOR EXCEPTIONS TO DIVISION RULES AF E DIVISION LEVEL IN SANTA FE	ND REGULATIONS
Appli	cation Acronym	s:		
	[NSL-Non-Sta	ndard Location] [NSP-Non-Standard Pr	oration Unit] [SD-Simultaneous Ded	ication]
	[DHC-Dow	nhole Commingling] [CTB-Lease Con	nmingling] [PLC-Pool/Lease Comm	ingling]
	[PC-Pc	ool Commingling] [OLS - Off-Lease St	orage] [OLM-Off-Lease Measureme	ent] 🔎 🕽
		[WFX-Waterflood Expansion] [PMX-P	Pressure Maintenance Expansion]	.\\
		[SWD-Sait Water Disposal] [IPI-I	injection Pressure Increase]	V
	[EOR-Qua	lified Enhanced Oil Recovery Certificat	tion] [PPR-Positive Production Res	ponse]
			DIACHUM	
[1]	TYPE OF A	PPLICATION - Check Those Which Ap		15WD
	[A]	Location - Spacing Unit - Simultaneou	is Dedication where /	<u> </u>
		□ NSL □ NSP □ SD		. ~
			No TD of	13-00
	Checl	k One Only for [B] or [C]	(Vew ())	1 200
	[B]	Commingling - Storage - Measuremen	+ New 5/2 @	12/3
	լոյ	DHC CTB PLC	New To of New 5/2"@ PC OLS OLM	' , le
			J TC OLS OLW	lon to
	(C)	Initiation Disposal Bassass Income	- E-1101D	pontole 2,30° 130°°
	[C]	Injection - Disposal - Pressure Increase	e - Ennanced Oil Recovery	1 300
		☐ WFX ☐ PMX ⊠ SWD	☐ IPI ☐ EOR ☐ PPR 1°	050
			•	/ 104/
	[D]	Other: Specify	/	2,30° 130° 2
[2]	NOTIFICAT	TION REQUIRED TO: - Check Those \	Which Apply, or □ Does Not Apply	7
	[A]	Working, Royalty or Overriding I	Royalty Interest Owners	100
			ا سار	175/39/
	[B]	☐ Offset Operators, Leaseholders or	r Surface Owner $\mathcal{B}/\mathcal{V}/\mathcal{V}$	(1/1/
	t- 3		2   7	
	[C]	Application is One Which Requir	res Published Legal Notice	TIVE
	[ب]	23 representing the which require	es i donsned Degai Notice	CK A OR
	[D]	Notification and/or Concurrent A	nnroval by DI M on SI O	Little Park
	[Մ]	U.S. Bureau of Land Management - Commissioner	of Public Lands State Land Office	orth.
				\ \si^2 \/
	[E]	For all of the above, Proof of Not	ification or Publication is Attached, an	d/op w/ Jam
			1	The same of the sa
	[F]	☐ Waivers are Attached		60. 3h
		<del></del>		
[3]	SUBMIT AC	CURATE AND COMPLETE INFOR	MATION REQUIRED TO PROCE	SS THE TYPE
		ATION INDICATED ABOVE.		
		The state of the s		
[4]	CERTIFICA	TION: I hereby certify that the informat	tion submitted with this application for	administrativa
	val is accurate	and <b>complete</b> to the best of my knowledge	ion submitted with this application for	
appro	notion until the m	and complete to the best of my knowledge	e. I also understand that no action wi	ii de taken on this
appii	zation until UIC R	equired information and notifications are	submitted to the Division.	
	Note	: Statement must be completed by an individua	l with managerial and/or supervisory capacit	y.
T 1*				-
Julie	Figel	( Vili And	Agent	5/16/05
Print	or Type Name	Signature Supplemental Suppleme	TC41.	
1 11Hff (	or Type Haine	Signature	Title	Date
		V	ifigal@t?wireless com	
			jfigel@t3wireless.com e-mail Address	<del></del>
			C-mail Addiess	

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

FORM C-108 Revised June 10, 2003

# **APPLICATION FOR AUTHORIZATION TO INJECT**

I.	PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage Application qualifies for administrative approval? Yes No
II.	OPERATOR: Platinum Exploration, Inc.
	ADDRESS: 550 W. Texas, Suite 500 Midland, TX 79701
	CONTACT PARTY: Julie Figel PHONE: 432-687-1664
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:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,</li> <li>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.).</li> </ol>
*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: Julie Figel TITLE: Agent
	SIGNATURE: DATE: 5/16/05
*	E-MAIL ADDRESS: jfigel@t3wireless.com  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

#### III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
  - (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
  - (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

#### XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

Platinum Exploration Inc.

OPERATOR:

# INJECTION WELL DATA SHEET

WELL NAME & NUMBER: Summers #1_SWD			
WELL LOCATION: 660' FNL & 1980' FEL FOOTAGE LOCATION	B 18 UNIT LETTER SECTION	17S TOWNSHIP	39E RANGE
WELLBORE SCHEMATIC		WELL CONSTRUCTION DATA Surface Casing	
See Attached	Hole Size: 17 1/2	Casing Size: 12 3/4"	<b>+</b> 23
	Cemented with: 400	sx. or	ft3
	Top of Cement: Surface	Method Determined:	Circulated
	Inte	Intermediate Casing	
	Hole Size: 11"	Casing Size: 9 5/8"	<b></b>
	Cemented with: 1415	SX. or	H <sup>3</sup>
	Top of Cement: Surface	Method Determined: Circulated	Circulated
	Pr	Production Casing	
	Hole Size: 77/8"	Casing Size: 5 1/2"	None Original 5 1/2" (proposed)
	Cemented with: 900 sx (proposed)_sx.	or	n H3
	Top of Cement: 4400' est 12,238' Original Total Depth: 13,000' Proposed	Method Determined:	
	WI .	Injection Interval	
	12,300°	feet to 13,000'	

(Perforated or Open Hole; indicate which)

# INJECTION WELL DATA SHEET

J. Y.	Fubing Size:       4%: 9.3#1_80       Lining Material:       IPC         Type of Packer:       Arrow Set 1
Pa	Packer Setting Depth: 12,300
Ö	Other Type of Tubing/Casing Seal (if applicable):
	Additional Data
	Is this a new well drilled for injection?
	If no, for what purpose was the well originally drilled? Oil Production
~;	Name of the Injection Formation: Devonian
~·	Name of Field or Pool (if applicable): SWD: Devonian
<b>↔</b> :	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No: Well was D&A after
	TD @ 12,238'. Cmt Plug @ 12216 w/ 30 sx cmt & cmt plug @ 10305 w/ 40 sx cmt
٠	Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
	No productive oil & gas zones except the Devonian in the South Knowles field.

#### APPLICATION FOR AUTHORIZATION TO INJECT

Platinum Exploration, Inc. Summers #1 SWD

API # 30-025-32254 660 FNL & 1980 FEL Unit B, Sec 18, T17S, R39E Lea County, New Mexico

#### ITEM I

The purpose of this application is to re-enter the Summers #1 deepen it to 13,000' and convert it to a salt water disposal well. 5-1/2" casing will be set at 12,300' with approximately 900 sx of cement. L-80 IPC tubing will be run to 12,300' and produced Devonian water will be disposed into the open hole Devonian formation from 12,300'-13,000.

#### **ITEM II**

Platinum Exploration Inc 550 W. Texas, Ste. 500 Midland, TX 79701 Julie Figel (432) 687-1664

#### ITEM III

See Data Sheet attached

#### **ITEM IV**

This is NOT an expansion of an existing project.

#### ITEM V

See map attached

#### ITEM VI

There are 2 active wells in the area of review that penetrates the proposed injection interval operated by Platinum Exploration. There is also 1 shut-in well in the area operated by Platinum Exploration. Four P&A'd wells are also in the area. See attachment "A" - Tabulation of Wells

#### **ITEM VII**

- 1. Daily average injection rate is expected to be 15,000 BWPD. Maximum daily injection rate would be approximately 20,000 BWPD. The system will be closed.
- 2. The proposed average injection pressure is expected to be 1,300 psi and the maximum injection pressure is expected to be 2,000 psi. A step rate injection

test may be run to determine maximum injection pressure. The results of the test will be submitted to NMOCD.

- 3. Platinum is re-entering plugged wells in the area and the sources of disposed water would be from the Devonian production.
- 4. Please find attached the water analysis for a well producing from the Devonian formation. (Attachment "B")

#### **ITEM VIII**

The Knowles, South (Devonian) field area is located in southeastern Lea County, New Mexico, eight miles north of Hobbs, New Mexico along the southeastern rim of the Northwestern Shelf.

The majority of the production in the Knowles, South field has been from the Devonian dolomite (9.9 MMBO from thirty wells) at an average depth of 12,100 feet with secondary production from the Wolfcamp limestone (170 MBO from four wells) from a depth of 9300 feet. The proposed water disposal well, Summers #1, is on the extreme northeastern edge of the field and was temporarily abandoned in August, 1994 due to its structurally low position in the field, encountering the Devonian at 12,200 feet (46 feet above the original oil-water contact). Platinum proposes to inject produced Devonian water back into the **Devonian** formation at an interval between 12,300' (54' below original oil-water contact) and 13,000'. The Devonian in this area is approximately 1000 feet thick and should extend to 13,200 feet in the Summers #1.

Potable water exists from surface to approximately 170 feet in the Ogallala sands in the Tertiary system. No sources of drinking water exist below the proposed injection interval

#### **ITEM IX**

The disposal interval will be acidized in the future with 15% NEFE.

#### **ITEM X**

Logs and test data should have been submitted when well was originally drilled

#### ITEM XI

There are many fresh water wells in Section 18. A copy of the water analysis from a fresh-water well is provided.

#### **ITEM XII**

The geological and engineering staff of Platinum Exploration Inc. has examined available geologic and engineering data and has found no evidence of open faults

10/30

or any other hydrological connection between the disposal zone and any underground sources of drinking water.

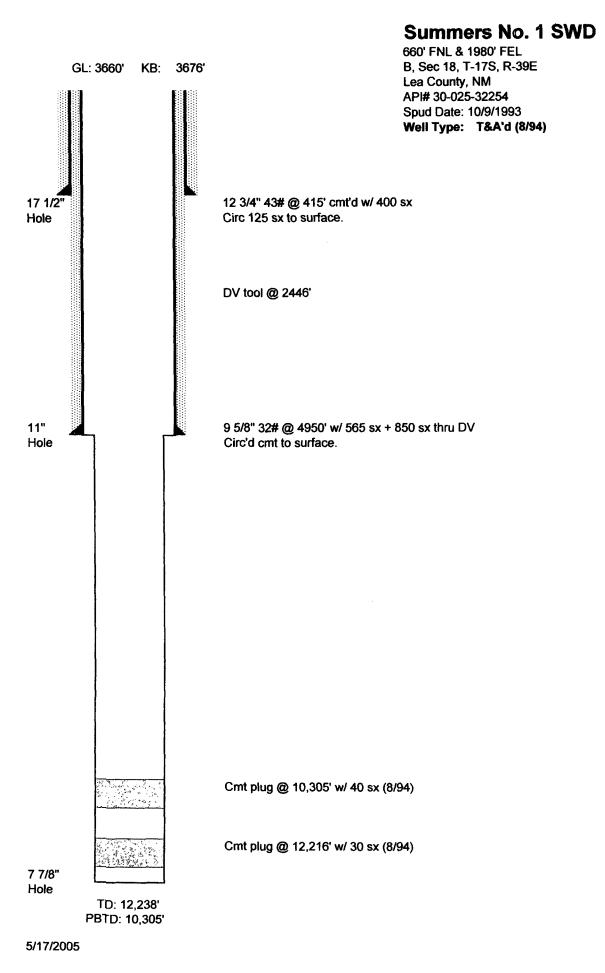
#### **ITEM XIII**

A copy of the notice of application has been furnished to the surface owner:

Joe V. Tarbet 3801 95<sup>th</sup> Street Lubbock, TX 79423-3919

Unleased mineral interest owners have also been notified. Copies of the certified letter receipts are attached.

#### PRIOR TO CONVERSION



#### **AFTER CONVERSION**

# **Summers No. 1 SWD**

660' FNL & 1980' FEL Unit B, Sec 18, T-17S, R-39E

Lea County, NM API: 30-025-32254

Formation Tops

Rustler

Salado

Yates

Queen

Premier

Abo

Seven Rivers

San Andres Glorieta

Wolfcamp

L/ Miss.

Woodford

Devonian

Oil-water

Pennsylvania

Well Type: Shut-in (8/94)

KB:

2340

2460

3554

3727

4423

5420 5436

6858

9194

9503

10292

11326

12106

12200

12246

3676

1336

1216

122

-51

-747

-1744

-1760

-3182

-5518

-5827

-6616

-7650

-8430

-8524

-8570

GL: 3,660' KB: 3,676'

17 1/2"

11" Hole

Hole

12 3/4" 43# @ 415' cmt'd w/ 400 sx Circ 125 sx to surface.

DVT @ 2,446'

TOC @ 4,400'

9 <sup>5</sup>/<sub>8</sub>" 32# @ 4950' w/ 565 sx + 850 sx thru DV Circ'd cmt to surface.

> Max Injection Rate 20,000 BPD Max Injection Pressure 2,000 psi 15,000 BPD Avg. Injection Pressure 1,300 psi

Injection Tubing Injection Interval 4 1/2" 9.3# L-80 IPC Tubing

12,300' to 13,000'

Avg. Injection Rate

DVT @ 9,500'

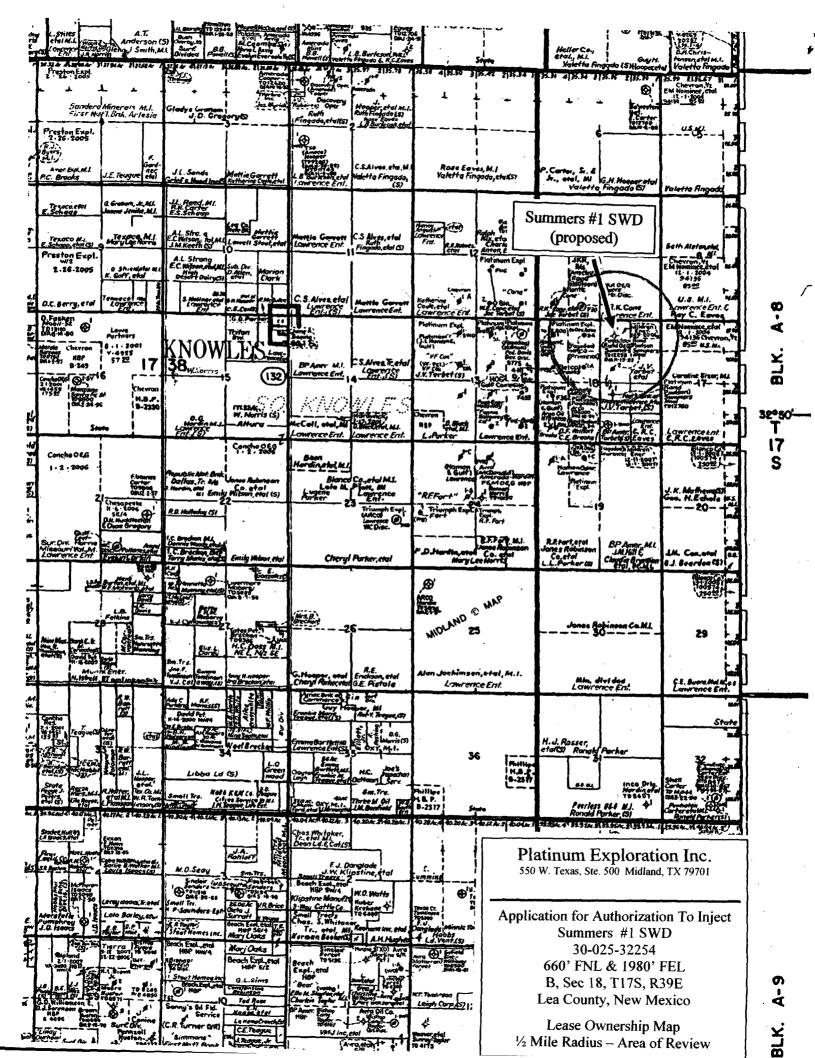
Injection Packer Set @ 12,300'

5 1/2" Set @ 12,300' & Cmt'd w/ 900 sx Cl H cmt

TD: 13,000'

JMR 5/22/04

7 7/8" Hole



# Per lian Treating Cher. cals WATER ANALYSIS REPORT

1980 FSL, 660 FWL Unit E 30-025-29334 nowless Devonian

# **SAMPLE**

Oil Co.:

Platinum Exploration

Lease:

C.E. Brooks

Well No .:

# 2

Location: Attention:

Date Analyzed: 19-May-2004 Lab ID Number: May1904.001-5

Salesperson:

Date Sampled:

File Name: F:\ANALYSES\May1904.001

12-May-2004

# **ANALYSIS**

1. Ph

2. Specific Gravity 60/60 F.

3. **CACO3 Saturation Index** 

7.590 1.035

@ 80F @140F

1.048 1.988

**Not Determined** 

**Not Determined** 

**Not Present** 

#### **Dissolved Gasses**

4. Hydrogen Sulfide

5. Carbon Dioxide

Dissolved Oxygen 6.

#### **Cations**

7.	Calcium
8.	Magnesium
_	~ 4.

(Mg++)(Na+)

(Calculated)

1.764 428 14.532

MG/L

/ 12.2 =

87.76 35.08

9. Sodium 10. Barium

(Ba++)

(Ca++)

**Not Determined** 

/ 23.0 =

/ 17.0 =

/ 30.0 =

/ 61.1 =

/ 20.1 =

EQ. WT.

631.83

0.00

0.00

14.94

34.84

704.06

\*MEQ/L

Anions

11. Hydroxyl 12. Carbonate

(OH-) (CO3=)

**Bicarbonate** 13.

(HCO3-)

14. Sulfate (SO4=) (Cl-)

Chloride 15.

16. Total Dissolved Solids 17. Total Iron

(Fe)

18. Total Hardness as CaCO3

19. Resistivity @ 75 F. (Calculated)

0 913 1,700 24,994 44,331

/ 48.8 = / 35.5 =

/ 18.2 = 0.19

6.166

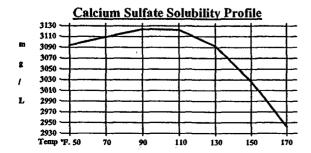
0.203 /cm.

#### LOGARITHMIC WATER PATTERN

*meq / L.									
Na	<del>        </del>	MACH !	<b>MHH</b>		111111		111111	111111	Cl
Ca			<b>M</b> III I		++++	1	11111	++++	НС03
Mg		<del>                                     </del>			111111		-1111111	+++	SO4
Fe	0000 1		 			- <del>             </del>	100	1111111	CO3

#### PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT.	X	*meq/L	=	mg/L.
Ca(HCO3)2	81.04		14.94		1,211
CaSO4	68.07		34.84		2,371
CaCl2	55.50		37.98		2,108
Mg(HCO3)2	73.17		0.00		0
MgSO4	60.19		0.00		0
MgCl2	47.62		35.08		1,671
NaHCO3	84.00		0.00		0
NaSO4	71.03		0.00		0
NaCl	58.46		630.99		36,888



TO: 15053984113

P,006

\*MEQ/L

# Permian Treating Chemicals, Inc. WATER ANALYSIS REPORT

SAMPLE

Oil Co.: Platinum Explor.

MAY-11-2005 10:34 FROM: INTERCHEM ODS

Lease : Summers

Well No.: #1

Location: SEC 18 R 39 E

Attention:

Water well in

Section 18, T17S, R39E

around Summers #1 Well

Date Sampled: 05-May-2005 Date Analyzed: 11-May-2005 Lab ID Number: May1105.001- 6

Salesperson:

File Name: G:\ANALYSES\DATA\May1105.001

EQ. WT.

#### **ANALYSIS**

19.

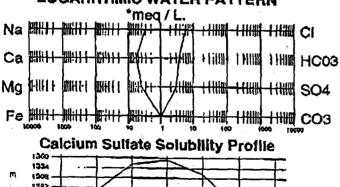
1.	Ph	7,680
2.	Specific Gravity 60/60 F.	1.006

3. CACO3 Saturation Index @ 80F 1.007
@140F 1.607
Dissolved Gasses MG/L

	1000000			101		
4.	Hydrogen Sulfide	<b>)</b>	N	lot Present		
5.	Carbon Dioxide		Not E	etermined		
6.	Dissolved Oxyge	n '	Not C	etermined		
•	Cations					
7、	Calcium	(Ca++)		111	/ 20.1 =	5.52
8.	Magnesium	(Mg++)		45	/ 12.2 =	3.69
9.	Sodium	(Na+)	(Calculated)	65	/ 23.0 =	2.83
10.	Barium	(Ba++)	•	3	/ 68.7 =	0.04
. <u>.</u>	Anions					
11.	Hydroxyl	(OH+)		0	/ 17.0 =	0.00
12.	Carbonate	(CO3≒)		0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO3-)		213	/ 61.1 =	3.49
14.	Sulfate	(SO4=)		140	/ 48.8 =	2.87
15.	Chloride	(CI-)		200	/ 35.5 ≌	5.63
16.	Total Dissolved S	Solids	•	777		
17.	Total Iron	(Fe)		(/ 3/	/ 18.2 =	0.16
18.	Total Hardness			460		••••

LOGARITHMIC WATER PATTERN

Resistivity @ 75 F. (Calculated)



1334						
1209				7		
1292	/			$\overline{Z}$		
1250	4-				$\overline{Z}$	_
1230 -					V	
1204	}	- 1	ļ		-4	
1178	_   ·	- { ⋅				_
1162		<del>-  </del>		<del>-   -</del> -		~
1120 mm						<u> </u>
1100	70	90	110	130	150	

PROBABLE MINERAL COMPOSITIO

2,769 Ohm · meters

PROBABLE MINERAL COMPOSITION								
COMPOUND	*meq/L	X EQ. WT.	. =	mg/L.				
Ca(HCO3)2	3.49	81.04		283				
CaSO4	2.04	68.07		139				
ÇaCl2	0.00	55.50		0				
Mg(HCO3)2	0.00	73.17		0				
MgSO4	0.79	60.19		47				
MgCl2	2.90	47.62		138				
NaHCO3	0.00	84.00		0				
NaSO4	0.00	71.03		0				
NaCl	2.73	58.46		160				
* milliequivalents per Liter								

Jay Snider, Analyst

	Attachment "A" - Item VI. Tak	Tabulation of Wells					
			Application	Application for Authorization to Inject	on to Inject	,	
			Platinu	Platinum Exploration Inc.	in Inc.		
			Sun	Summers #1 SWD	ΔV		
			S	30-025-32254 Sec 18 T17S R39F	J.E		
			Lea C	Lea County, New Mexico	xico		The state of the s
		Table	e of Wells within	the 1/2 mile ra	Table of Wells within the 1/2 mile radius (area of review)		
	Operator	Well Name	API#	Spud Date	Location	임	Comments
4	Rand Paulson Energy	Byers #001	30-025-33564	9/5/1996	554 FSL, 1874 FWL	12278	P&A 11/98
4					Sec 7, T17S, R39E		
Ĺ					Unit N		In Complete Carlo
	Csg Detail:	Csg Detail: 13 3/8" @ 418' with 450 sx	XS				
		8 5/8" @ 4682' with 1000 sx	XS (				
		4 1/2" @ 5510' with 400	SX				
100	Platinum Exploration	C.E. Brooks #2	30-025-29334	9/12/1985	1980 FNL, 660 FWL	12144	Knowles; Devonian, South
1					Sec 18, T17S, R39E	13746 MD	12072-12078
					Unit E		
	Csg Detail:	Csg Detail: 13 3/8" 48# @ 417' with 450 sx	450 sx				The state of the s
		9 5/8" 40/36#@ 4998' with 2100 sx	th 2100 sx				
		5 1/2" 17# @ 12,144' with 1200 sx	h 1200 sx				
~	Distinum Exploration	Arco A Com #2	30-005-3045R	7/19/1994	660 FNI 1980 FWI	12171	Shut-In 1/03
<u> </u>		7# IIOO C 0010	00 050 05100	100100	Sec 18 T17S R39E		
X					Unit C		
	Csg Detail:	13 3/8" 48# @ 430' with 400 sx	400 sx				
		8 5/8" 32# @ 4730' with	1100 sx				
		5 1/2" 17/20# @ 12,123' with 975 sx	with 975 sx				
_ \	10000 A	DE Wilboit # 4	30 025 07040	R/K/105/	GEO ENI GEO EVA	12557	D&A 11/80
<u> </u>	T	- + 32	20000		Sec 18 T17S R30F		
	אמונטו ו פווסופחוו				Unit D		
		Csa Detail:	13 3/8" 48# @ 291' with 350 sx	31' with 350 sx			
			9 5/8" 36#@ 500	1' with 3450 sx			
			5 1/2" 17/20# @ 12,556' with 500 sx	12,556' with 50	0 sx		

of Wells
abulation
1 SWD T
Summers

	Operator	Well Name	API#	Spud Date	Location	<u>a</u>	Comments
က်	Platinum Exploration	Arco A Com #1	30-025-31989	6/1/1993	1980 FNL, 1980 FWL	12,172 TVD	Knowles; Devonian, South
					Sec 18, T17S, R39E	13,681 MD	Perf liner 12683-13608
<					Unit F		
2	836	Csg Detail:	12 3/4" @ 406' w	@ 406' with 520 sx			
<del>}</del>			8 5/8" @ 4967' w	@ 4967' with 1415 sx			
			5 1/2" @ 12,072'	@ 12,072' with 550 sx			
ဖ	Rand Paulson Energy	Summer Neal # 1	30-025-33893	3/30/1997	2040 FSL, 2040 FEL	12160′	P&A 11/98
L.					Sec 18, T17S, R39E		
3					Unit J		
		Csg Detail:	13 3/8" 48# @ 44	48# @ 447' with 500 sx			
			8 5/8" 32# @ 4803' with 1675 sx	03' with 1675 sx			
			5 1/2" 17# @ 12,	17# @ 12,145' with 1675 sx	XS		
N	Rand Paulson Energy	Summer Neal #2	30-025-33925	5/4/1997	2040 FNL, 2040 FEL	12162'	P&A 10/98
					Sec 18, T17S, R39E		
					Unit G		
		Csg Detail:	13 3/8" 48# @ 44	48# @ 448' with 500 sx			
		No. of the last of	8 5/8" 32# @ 48(	32# @ 4805' with 1000 sx			
			5 1/2" 17# @ 12.	17# @ 12,102' with 1733 sx	×		

# GL: 3666' KB: Sec 7, T-17S, R-39E Lea County, NM Cmt plug @ surface w/ 10 sx API# 30-025-33564 Well Type: Plugged (11/98) Note: No Dryhole marker installed @ landowner's request Cmt plug @ 468' w/ 50 sx; TOC: 300' (11/98) 17 1/2" 13 3/8" @ 418' w/ 450 sx -Circ 121 sx Hole Cmt plug @ 2200' w/ 40 sx; TOC: 2100' (11/98) Cmt plug @ 3550' w/ 45 sx; TOC: 3330' tagged (11/98) 4 1/2" Csg cut & pulled @ 3500' 8 5/8" 32# @ 4682' w/ 1000 sx TOC: 529' Cmt plug @ 4732' w/ 25 sx; TOC: 4500' (11/98) 11" Hole CIBP set @ 5250' w/ 10 sx cmt on top (11/98) Perf 5351' - 5365'; 29 holes 4 1/2" @ 5510' w/ 400 sx 7 7/8" Cmt plug @ 5510'; TOC: 5460' (4/97) Hole Cmt plug @ 6185'; TOC: 5712' (4/97) Cmt plug @ 7990'; TOC: 7844' (4/97) Cmt plug @ 9990'; TOC: 9844' (4/97) Cmt plug @ 12,250'; TOC: 12,125' (4/97)

**Byers No. 1** 554' FSL & 1874' FWL

TD: 12,278' PBTD: 5712'

Platinum Exploration Inc. GL: 3672' C.E. Brooks No. 2 KB: 3693' 1980' FNL & 660' FWL E, Sec. 18, T-17-S, R-39E Lea Co., NM 13 3/8" 48# @ 417' w/ 450 sx Spud 9/12/85 API # 30-025-29334 TOC : Surface Calc 17 1/2 Hole 9 5/8" 40/36# @ 4998' w/ 2100 sx TOC : Surface Calc 12 1/4 Hole Tubing: 92 jts 2-7/8" L-80 PH-6 250 jts 2-7/8" L-80 EUE 8rd Pump: 4 - TD1750 pumps w/ 491 stages TOC: 5607' Calc Motor: 2- 120 hp motor, 1525 V, 52 amp Cable: #2 REDALEAD flat cable Bottom of Motor: 11,020' Date Ran: 7/17/2004 12,064-088' Perfs - Devonian Sqz'd w/ 100 sx 6/2004 13,746' MD Widow Milled From 12074-12093 1600' Lateral - 356 Azimuth 7 7/8 12,144' - 5 1/2", 17#, N80 csg w/ 1200 sx Hole TD=12,144'

# Arco "A" Com. No. 2

660' FNL & 1980' FWL C, Sec 18, T-17S, R-39E Lea County, NM Spud 7/19/94 API# 30-025-32458

Well Type: Shut In 1/2003



8 5/8" 32# @ 4730' w/ 1100 sx TOC: 162' Calc w/20% ex

Formation Tops	
Rustler	2323'
Yates	3522'
San Andres	5418'
Glorietta	7264'
2nd Bone Sprng	8353'
3rd Bone Sprng	8570'
Wolfcamp	9301'
Strawn	10,616'
Mississippian	11,304'
Woodford Sh	12,053'
Devonian	12,120'

TOC: 6812' Calc w/20% ex

5 1/2" 17/20# @ 12,123' w/ 975 sx

Open Hole 12,123'-71'

TD: 12,171'

GL: 3664'

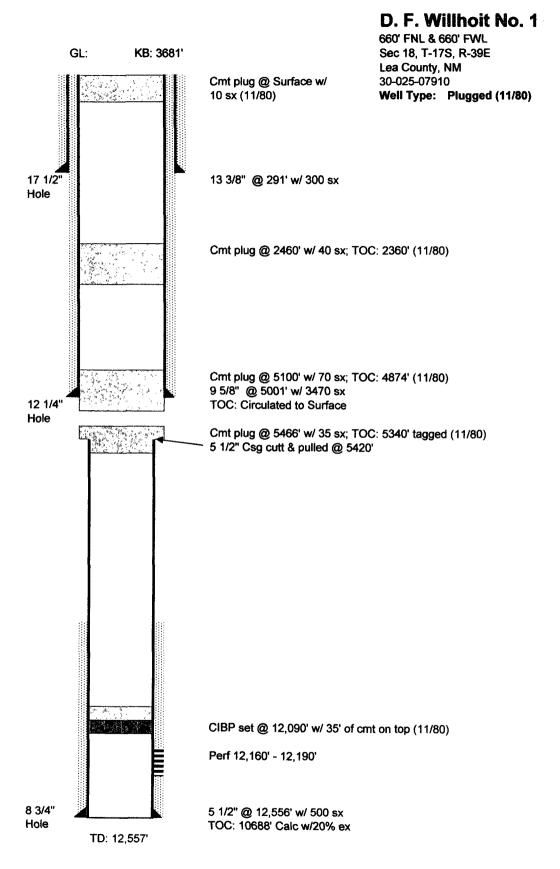
17 1/2" Hole

11"

Hole

KB: 3677'

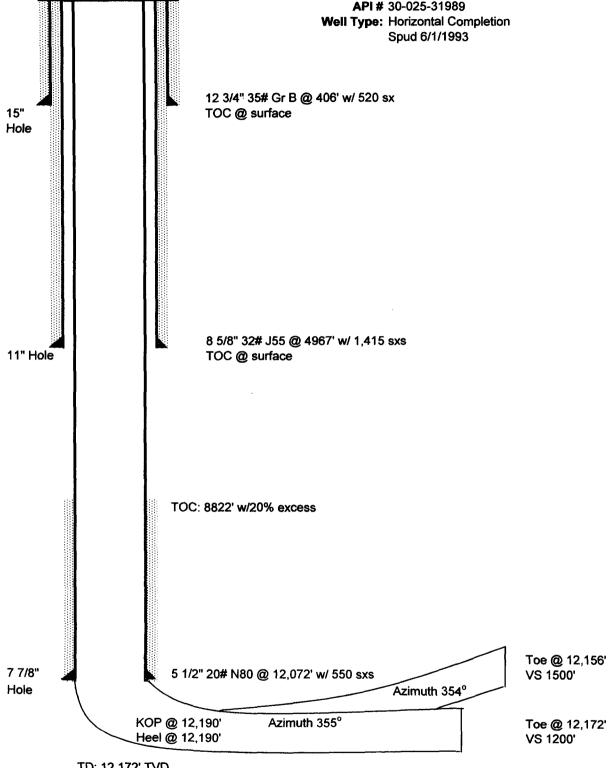
7 7/8" Hole



### ARCO A Com #1

1980' FNL & 1980' FWL Unit F, Sec 18, T-17S, R-39E Lea County, NM

API # 30-025-31989



TD: 12,172' TVD 13,681' MD

GL: 3669.5' KB: 3,685'

#### PRIOR TO CONVERSION

# 2040' FSL & 2040' FEL GL: 3,656' KB: 3,670' Unit J, Sec 18, T-17S, R-39E Lea County, NM Cmt plug @ Surface w/ API: 30-025-33893 10 sx (11/98) Well Type: Plugged (11/98) Spud 3/30/1997 Cmt plug @ 500' w/ 50 sx; TOC: 300' (11/98) 17 <sup>1</sup>/<sub>2</sub>" 13 3/8" 48# J-55 @ 447' w/ 500 sx **Hole** TOC: Circulated 20 sx to surface. Cmt plug @ 2350' w/ 40 sx; TOC: 2200' (11/98) Cmt plug @ 3350' w/ 45 sx; TOC: 3165' tagged (11/98) 5 1/2" Csg cut & pulled @ 3300' Cmt plug @ 4853' w/ 35 sx; TOC: 4550' tagged (11/98) 11" 8 <sup>5</sup>/<sub>8</sub>" 32# J-55 & S-80 @ 4,803' w/ 1,675 sx Hole Circulated 85 sx to surface. Cmt plug @ 7250' w/ 30 sx (11/98) Cmt plug @ 8500' w/ 30 sx; across DV Tool @ 8434' (11/98) DVT @ 8,476', Cmt'd w/ 575 sx 35:65 Poz "H" + 100 sx "H". CIBP set @ 9700' w/ 35' cmt on top (11/98) 7 <sup>7</sup>/<sub>8</sub>" $5^{1}/_{2}$ " 17# N-80 & S-95 @ 12,145' w/ 1,000 sx $^{50}$ :50 Poz "H" **Hole** Cir'd 110 sx off of DVT. TD: 12,160'

**Summers Neal No. 1** 

## Summers Neal No. 2

2040' FNL & 2040' FEL G, Sec 18, T-17S, R-39E Lea County, NM 30-025-33925

Well Type: Plugged (10/98)

Cmt plug @ Surface w/ 10 sx (10/98) Spud 5/4/97 Cmt plug @ 495' w/ 40 sx; TOC: 363' (10/98) 13 3/8" 48# @ 448' w/ 500 sx TOC: Surface-Circ 35 sx Cmt plug @ 1855' w/ 40 sx; TOC: 1695' tagged (10/98) 5 1/2" Csg cutt & pulled @ 1805' Cmt plug @ 4855' w/ 25 sx (10/98) 8 5/8" 32# @ 4805' w/ 1000 sx

TOC: Circulated 125 sx to Surface

Cmt plug @ 6200' w/ 25 sx (10/98)

DV tool @ 8468' cmt/700 sx

Cmt plug @ 8500' w/ 30 sx (10/98)

Cmt plug @ 12,000' w/ 25 sx; TOC: 11,795' tagged (10/98)

5 1/2"17# @ 12,102' w/ 1033 sx-Circ 120 sx thru DV tool TOC: 4744' by temp survey

Open Hole 12,102' - 12,162'

TD: 12,162'

GL: 3655'

17 1/2" Hole

11"

Hole

KB:

7 7/8"

Hole

#### **LEGAL NOTICE**

Platinum Exploration, Inc. 550 W. Texas, Suite 500, Midland, TX 79701 is filing form C108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, Summers #1 SWD, is located 660' FNL & 1980' FEL of Section 18, Township 17 South, Range 39 East of Lea County, New Mexico. Produced Devonian water will be disposed into the Devonian formation at a depth of 12,300' to 13,000' with a maximum pressure of 2,000 psi and a maximum rate of 15,000 BWPD. Any interested party who has an objection to this application must give notice to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico 87505, within fifteen (15) days of this notice. Additional information can be obtained by contacting Julie Figel at (432) 687-1664.

#### **Billing Information**

Julie Figel
Platinum Exploration Inc.
550W. Texas, Suite 500
Midland, TX 79701

#### AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

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	Publi	sher	

TZ A CTUTTUTO TO A DUTATONI

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of	1	
		weeks.
Begin	ning with the issu	e dated
	March 25	2005
and en	ding with the issu	e dated
	March 25	2005
SA	iki Bew	de

Publisher
Sworn and subscribed to before

me this 29th day of

March 2005

Notary Public.

My Commission expires

My Commission expires February 07, 2009 (Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

#### LEGAL NOTICE March 25, 2005

Platinum Exploration, Inc. 550 W. Texas, Suite 500, Midland, TX 79701 is filling form C108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, Summers #1 SWD, is located 660 FNL & 1980 FEL of Section 18, Township 17 South, Range 39 East of Lea County, New Mexico, produced Devonian water will be disposed into the Devonian formation at a depth of 12,300' to 13,000' with a maximum pressure 2,000 psi and a maximum rate of 15,000 BWPD. Any interested party who has an objection to this application must give notice to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico 87505, within fifteen (15) days of this notice. Additional information can be obtained by contacting Julie Figel at (432) 687-1664.

67100868000 67528965 Platinum Exploration, Inc., 550 W. Texas, Suite 500 MIDLAND, TX 79701

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Total F  William K Warren Foundation PO BOX 470372  Sireet / or PO B, Tulsa, OK 74147-0372  City, Sta	Total Pot J. W. Neal, Patricia Neal & the  Claudia Young Trust  P.O. Box 287  City, State,  Total Pot J. W. Neal, Patricia Neal & the  Claudia Young Trust  P.O. Box 287  Hobbs, NM 88241
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Larry T Long, Trustee of the  Sent To Long Trust Street, A, PO BOX 3096 Or PO Bo City, Stat Kilgore, TX 75663	Total F  Sent To  Cathy Cone McCown, ssp  PO BOX 658  Street, A Dripping Springs, TX 78620  City, Stai
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Melba Jean Morale, ssp  Sent 7 Box 97, Route 1  Street, Gardenville, TX 76245  City, S  PS Form 3800, June 2002  See Reverse for Instructions	(Endorsement Required)  Tota  Alton C. White, Jr.  Sent 7  3112 Above Stratford Place  Street or PO  City. 5  PS Form 3800, June 2002  See Reverse for Instructions

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	Remainderman
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City, 5 Mobile, Alabama 36622	Lubbock, TX 79423
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Sent To Williams Trust fbo MMP created u/t/a —	To Revocable Living Trust
D dated 4/10/96	9820-224 <sup>m</sup> SW
or PO BOX 1401	or PO Box Edmonds, WA 98020
City, State, Lubbock, 1 × 19400	City, State
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Tu Total P J, Lawernce Green	Peggy Jean Cain, Trustee of the
Sent To et ux Nila M. Green	Bent To Leonard Lee Cain Estate Trust
Street, At P.O. Box 129	r- Street: 1802 Bangor Ave
or PO Bo City, Stat	or POI Lubbock, TX 79416
PS Form 3800, June 2002 See Reverse for Instructions	PS Form 3800, June 2002 See Reverse for Instruction
See Reverse to instructions	

#### **Summers #1 SWD**

# ½ mile radius (NW/4NE/4 Sec. 18, T-17-S, R-39-E, Lea Co., NM)

Surface owner: Joe V. Tarbet 3801 95<sup>th</sup> Street Lubbock, TX 79423-3919

- Hamon Operating Company ---- 100% 2626 Howell St., Suite 905 Dallas, TX 75204 1. W/2SW/4 Section 7 --
- 2. E/2SW/4 Section 7 ---- OPEN See attached take-off
- 3. SE/4 Sec. 7 ----- ? ----- OPEN See attached take-off
- 4. E/2NE/4 Sec. 18 ---- ? ----- Open J.W. Neal, Patricia Neal & The Claudia Young Trust P.O. Box 287 Hobbs, NM 88241
- 5. W/2NE/4 & N/2 SE/4 Sec. 18 Platinum Exploration, Inc. 100%
- 6. NE/4SW/4 Sec. 18 Platinum Operated/partners 100%
  7. SE/4NW/4 Sec. 18 Platinum Operated/partners 100%
- 8. NE/4NW/4 Sec. 18 --- Platinum Operated/partners --- 100%
- 9. W/2 NW/4 Sec. 18 Platinum Operated/partners 100%
- 10. SE/4SW/4 Sec. 7 --- USA Minerals (BLM)
- 11. N/2NW/4 Sec. 17 USA Minerals (BLM)
- 12. S/2NW/4 Sec. 17 --- ? --- OPEN SEE attached Take-off
- 13. SW/4SW/4 Sec. 8 --- USA Minerals (BLM)

#### WM. SCOTT RAMSEY OIL & GAS PROPERTIES P. O. BOX 51181 MIDLAND, TEXAS 79710

# MINERAL AND LEASEHOLD TAKEOFF

Date:

April 12, 2005

**Prospect:** 

**Description:** 

Section 7, Township 17 South, Range 39 East

Lea County, New Mexico

# E/2 SW/4

MINERAL OWNER	INTEREST	NET ACRES	STATUS	
Aiton C. White, Jr. 3112 Above Strattford Place Austin, TX 78746	11/32	27.500000	OPEN	
Melba Jean Morale, ssp Box 97, Route 1 Gardenville, TX 76245	1/4	20.000000	OPEN	
Edna Faye Reinhardt, Life Estate Remainderman Dickie Holcomb, ssp 9704 Joliet Lubbock, TX 79423	1/4	20.000000	OPEN	
William K. Warren Foundation P.O. Box 470372 Tulsa, OK 74147-0372	5/32	12.500000	OPEN	
TOTALS	8/8	80.00000		

# SE/4

MINERAL OWNER	INTEREST	NET ACRES	STATUS	
Regions Bank as Trustee of the Cogle Trust P. O. Box 2527 Mobile, Alabama 36622	8/8	160.000000	OPEN	

# WM. SCOTT RAMSEY OIL & GAS PROPERTIES P. O. BOX 51181 MIDLAND, TEXAS 79710

# MINERAL AND LEASEHOLD TAKEOFF

Date:

**April 12, 2005** 

**Prospect:** 

**Description:** 

Section 17, Township 17 South, Range 39 East

Lea County, New Mexico

### S/2 NW/4

MINERAL OWNER	INTEREST	NET ACRES	STATUS
The David Sizer and Caroline H. Sizer 4 Revocable Living Trust 9820-224th SW Edmonds, WA 98020	<b>47.000%</b>	37.600000	OPEN
J. Lawrence Green, et ux Nila M. Green P.O. Box 129 Lubbock, TX 79413 454-01-1891 465-22-6545	12.700%	10.160000	OPEN
American State Bank, Trustee of the Williams Trust fbo MMP created u/t/a dated 4/1 0/96 P.O. Box 1401 Lubbock, TX 79408	9.300%	7.440000	OPEN
Kathleen Cain White, ssp Lubbock, TX	6.400%	5.120000	OPEN
Peggy Jean Cain, Trustee of the Leonard Lee Cain Estate Trust 1802 Bangor Avenue Lubbock, TX 79416	6.400%	5.120000	OPEN
<b>J.H. Dunn</b> (Last of Record, 1931)	4.700%	3.760000	OPEN
Larry T. Long Trustee of The Long Trus P.O. Box 3096 Kilgore, TX 75663	st 3.835%	3.068000	OPEN
Cathy Cone McCown, ssp P .0. Box 658 Dripping Springs, TX 78620 585-34-1559	2.000%	1.600000	OPEN
<b>Tom R. Cone, ssp</b> P .0. Box 778 Jay, OK 74346 585-24-752	2.000%	1.600000	OPEN
	2.000%	1.600000	OPEN
Euel R. Williamson, et ux Christine Williams 2925 Red Oak Circle Abilene, TX 79609 455-26-3726	1.600%	1.280000	OPEN
Estate of Edd Zingg, decd. C/O Lydia C. Zingg, Adm. (Last of Record, 1942)	1.600%	1.280000	OPEN

MINERAL OWNER	INTEREST	NET ACRES	STATUS
V.T. Trimble	0.300%	0.240000	OPEN
Illy Glenn Spradlin Rim Road Igore, TX 75662	0.165%	0.132000	OPEN
OTALS	8/8	80.000000	