

DATE IN 1-27-10	SUSPENSE	ENGINEER Jones	LOGGED IN 1-27-10 SWD	TYPE SWD	APP NO. 1002755536
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Endeavor
VED 190595

2010 JAN 27 PM 2 35

ADMINISTRATIVE APPLICATION CHECKLIST STATE 18 #1

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 _____

2/6 inactive wells

- [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.

Billy E. Prichard
Print or Type Name

Signature

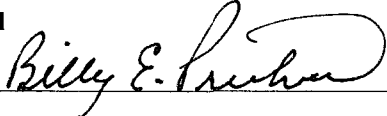
Agent for Endeavor Energy
Title

Date

billy@pwillc.net
e-mail Address

1/25/2010

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ ☒ Disposal _____ Storage
Application qualifies for administrative approval? _____ ☒ Yes _____ No
- II. OPERATOR: **Endeavor Energy Resources, LP** Ogrid # **190595**
ADDRESS: **110 N. Marienfeld Suite 200 Midland, TX 79701**
CONTACT PARTY: **Billy E. Prichard** PHONE: **432-934-7680**
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes ☒ No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 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: **Billy E. Prichard** TITLE: **Agent for Endeavor Energy**
SIGNATURE:  DATE: 1/25/2010
E-MAIL ADDRESS: **billy@pwlle.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: _____

**Endeavor Energy Resources, LP
C108 (Application for Authorization to Inject)**

**State 18 # 001
API # 30-025-34491
330 FNL X 330 FEL
Section 18, T13S, R36E
Lea County, New Mexico**

I.

The purpose of this application is for administrative approval of the re-entry and conversion of the State 18 # 1 from plugged and abandoned Wildcat Penn test well to a lease San Andres salt water disposal well.

II.

Operator: Endeavor Energy Resources, L.P. Ogrid # 190595
Address: 110 North Marienfeld Suite 200 Midland, TX 79701
Contact Party: Billy E. Prichard 432-934-7680 email: billy@pwlle.net

III.

Please see Exhibit A for complete well data.

IV.

This is not an expansion of an existing project

V.

Please see Exhibit B for map of Area of Review.

VI.

There was one well within the 0.5 mile area of review that penetrated the disposal interval. Please see Exhibit C for well data and diagram.

VII.

1. Proposed average daily disposal rate of 260 BWPD with a maximum disposal rate of 1000 BWPD.
2. This will be a closed system.
3. Anticipated average disposal pressure of 250psig with a maximum disposal pressure of 900psig.
4. The source of the disposal fluid will be water produced from the Harton # 1 (API # 30-025-28540) operated by Endeavor Energy Resources, L.P.
The Harton # 1 produces from the Tatum; Upper Penn pool.
Please see Exhibit D for analysis of the Harton produced water.
5. Please see Exhibit E for analysis of typical San Andres produced water.

VIII.

Please see Exhibit F for geological description and aquifer details.

IX.

There is no proposed stimulation program unless disposal rates and pressures dictate.

X.

Logs have been previously submitted. When well is drilled out and ready for injection the proposed disposal interval will be tested for any oil or gas production.

XI.

Please see Exhibit G for analysis of fresh water wells in the 1.0 mile area of review.

XII.

Available geological and engineering data have been examined and there is no evidence of open faults or any other hydrological connection between the proposed disposal interval and any underground sources of drinking water.

XIII.

Please see Exhibit H for Proof of Notice and Proof of Publication.

Billy(Bill)E. Prichard
Pueblo West
Oilfield Consulting Service
Agent for Endeavor Energy Resources, L.P.
125 Greathouse Village
Decatur, TX 76234
432-934-7680 cellular
940-627-5449 fax
Email; billy@pwllc.net
www.pwllc.net

**Endeavor Energy Resources, LP
C108 (Application for Authorization to Inject)**

**State 18 # 001
API # 30-025-34491
330 FNL X 330 FEL
Section 18, T13S, R36E
Lea County, New Mexico**

Well Data

**Spud 8/27/1998 – Drilled as Wildcat Pennsylvanian test
Dry and Abandoned final NMOCD release 5/24/2001**

**13 3/8" 48# casing set at 453 feet in 17 1/2" hole. Cemented with 495 sacks
Premium Plus cement. Cement circulated to surface.**

**8 5/8" 32# casing set at 4502 feet in 11" hole. Cemented with 900 sacks of
Interfill "C" followed by 200 sacks Class "C". Cement circulated to surface**

7 7/8" hole drilled to total depth of 11260 feet.

Plugged as follows

**Plug # 1 -- 11000-11100 feet -- 30 sacks Class "H" cement
Plug # 2 -- 10774-10874 feet -- 30 sacks Class "H" cement
Plug # 3 -- 10580-10680 feet -- 30 sacks Class "H" cement
Plug # 4 -- 10240-10340 feet -- 30 sacks Class "H" cement
Plug # 5 -- 9470-9570 feet -- 30 sacks Class "H" cement
Plug # 6 -- 7900-8000 feet -- 30 sacks Class "H" cement
Plug # 7 -- 5850-5950 feet -- 30 sacks Class "H" cement
Plug # 8 -- 4450-4550 feet -- 50 sacks Class "C" cement -- tag at 4425 feet
Plug # 9 -- 2100-2290 feet -- 50 sacks Class "C" cement
Plug # 10 - 400-500 feet -- 50 sacks Class "C" cement
Plug # 11 - Surface to 30 feet -- 10 sacks Class "C" cement**

**Endeavor Energy Resources, LP
C108 (Application for Authorization to Inject)**

**State 18 # 001
API # 30-025-34491
330 FNL X 330 FEL
Section 18, T13S, R36E
Lea County, New Mexico**

Well Data

Formation Tops

- 1. Anhydrite 2162 feet**
- 2. Salt 2243 feet**
- 3. Yates 2357 feet**
- 4. Seven Rivers 3380 feet**
- 5. Queen 3985 feet**
- 6. Grayburg 4338 feet**
- 7. San Andres 4462 feet**
- 8. Glorieta 5950 feet**
- 9. Blinberry 6020 feet**
- 10. Tubb 7350 feet**
- 11. Drinkard 7460 feet**
- 12. Abo 8082 feet**
- 13. Wolfcamp 9570 feet**
- 14. Cisco 10555 feet**
- 15. Canyon 10920 feet**

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P. O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 86595

DISTRICT II

P. O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-025-34491	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
2. Name of Operator TMBR/Sharp Drilling, Inc.		6. State Oil & Gas Lease No. V-4190-3	
3. Address of Operator P. O. Drawer 10970, Midland, TX 79702		7. Lease Name or Unit Agreement Name State "18"	
4. Well Location Unit Letter <u>A</u> : <u>330</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Section <u>18</u> Township <u>13S</u> Range <u>36E</u> NMPM County <u>Lea</u>		8. Well No. 1	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4005' GR		9. Pool name or Wildcat Wildcat; Upper Penn	
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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

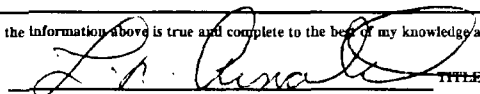
08/28/98 MIRU TMBR/Sharp Rig #23. Spudded well @ 11:00 PM 08/27/98.

08/29/98 Ran 11 jts (457') 13 3/8" 48# ST&C csg & set @ 453'. Cmt w/495 sx Prem Plus, 2% CaCl, 1/4% Flocele. Tag cmt @ 380'. PD @ 8:15 AM 08/28/98. Circ 108 sx.

09/03/98 Ran 101 jts (4526') 8 5/8" 32# csg @ set @ 4502'. Cmt w/900 sx Interstill "C" w/1/4# Flocele. Tail w/200 sx "C" w/2% CaCl2 + 1/4# Flocele. PD @ 6:00 AM 09/03/98. Circ 160 sx.

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

SIGNATURE



TITLE

Production Manager

DATE

05/24/01

TYPE OR PRINT NAME

Lonnie Arnold

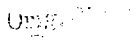
TELEPHONE NO.

(915) 699-5050

(This space for State Use)

APPROVED BY

TITLE



DATE

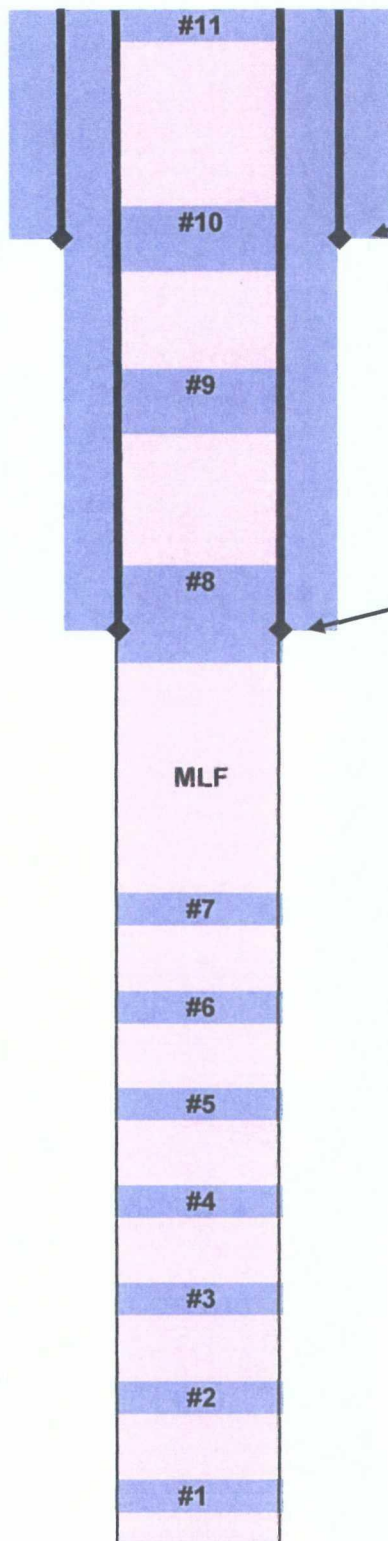
5/24/01

CONDITIONS OF APPROVAL, IF ANY:

5
C

**Tmbr/Sharp
State 18 # 1
API # 30-025-34491
330 FNL x 330 FEL
Section 18, T13S, R36E
Lea County, New Mexico**

Anhy 2162
TS 2243
Yates 3357
7 Rivers 3380
Queen 3985
Grayburg 4338
San Andres 4462
Glorieta 5950
Blaine 6020
Tubb 7350
Drinkard 7460
Abo 8082
WC 9570
Cisco 10555
Canyon 10922



13 3/8" 48# at 453ft
Cmt 495sx Premium Plus
Cmt circulated to surface

8 5/8" 32# at 4502ft
Cmt 900sx Interfill fb 200sx Class C
Cmt circulated to surface

Plugs

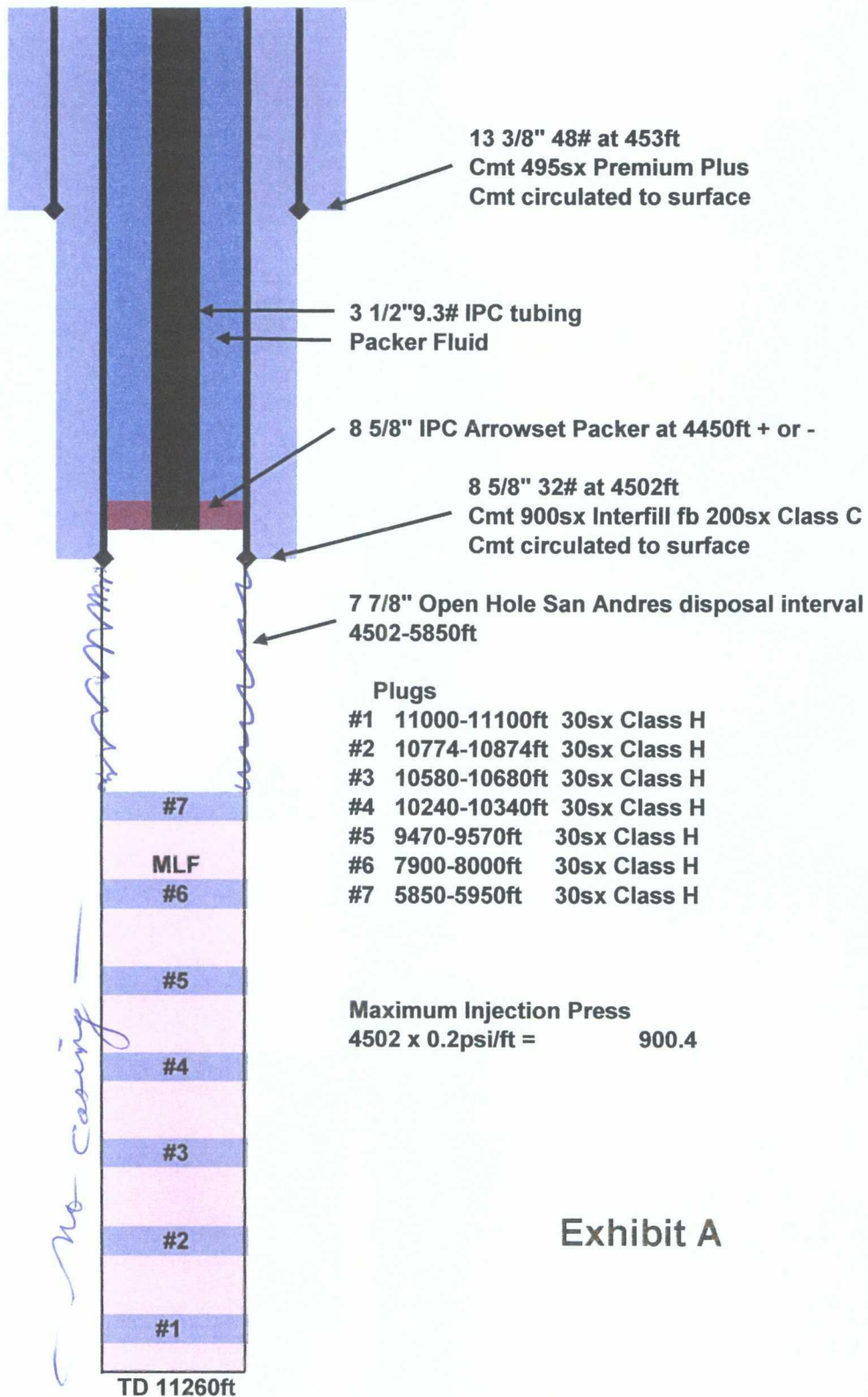
- #1 11000-11100ft 30sx Class H
- #2 10774-10874ft 30sx Class H
- #3 10580-10680ft 30sx Class H
- #4 10240-10340ft 30sx Class H
- #5 9470-9570ft 30sx Class H
- #6 7900-8000ft 30sx Class H
- #7 5850-5950ft 30sx Class H
- #8 4450-4550ft 50sx Class C - Tag at 4425ft
- #9 2100-2290ft 50sx Class C
- #10 400-500ft 50sx Class C
- #11 0-30ft Surface Plug 10sx Class C

TD 11260ft

Exhibit A

Endeavor Energy Resources
 State 18 # 1
 API # 30-025-34491
 330 FNL x 330 FEL
 Section 18, T13S, R36E
 Lea County, New Mexico

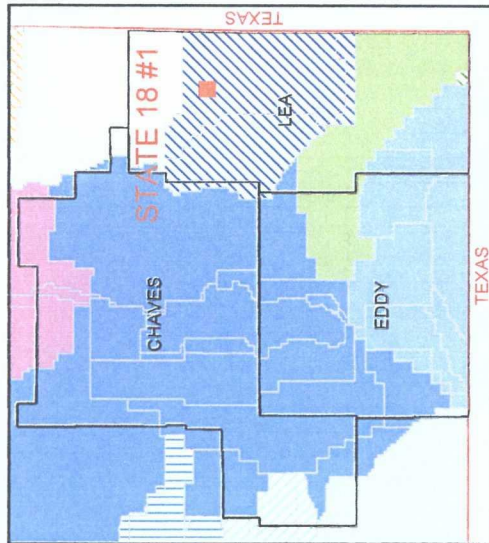
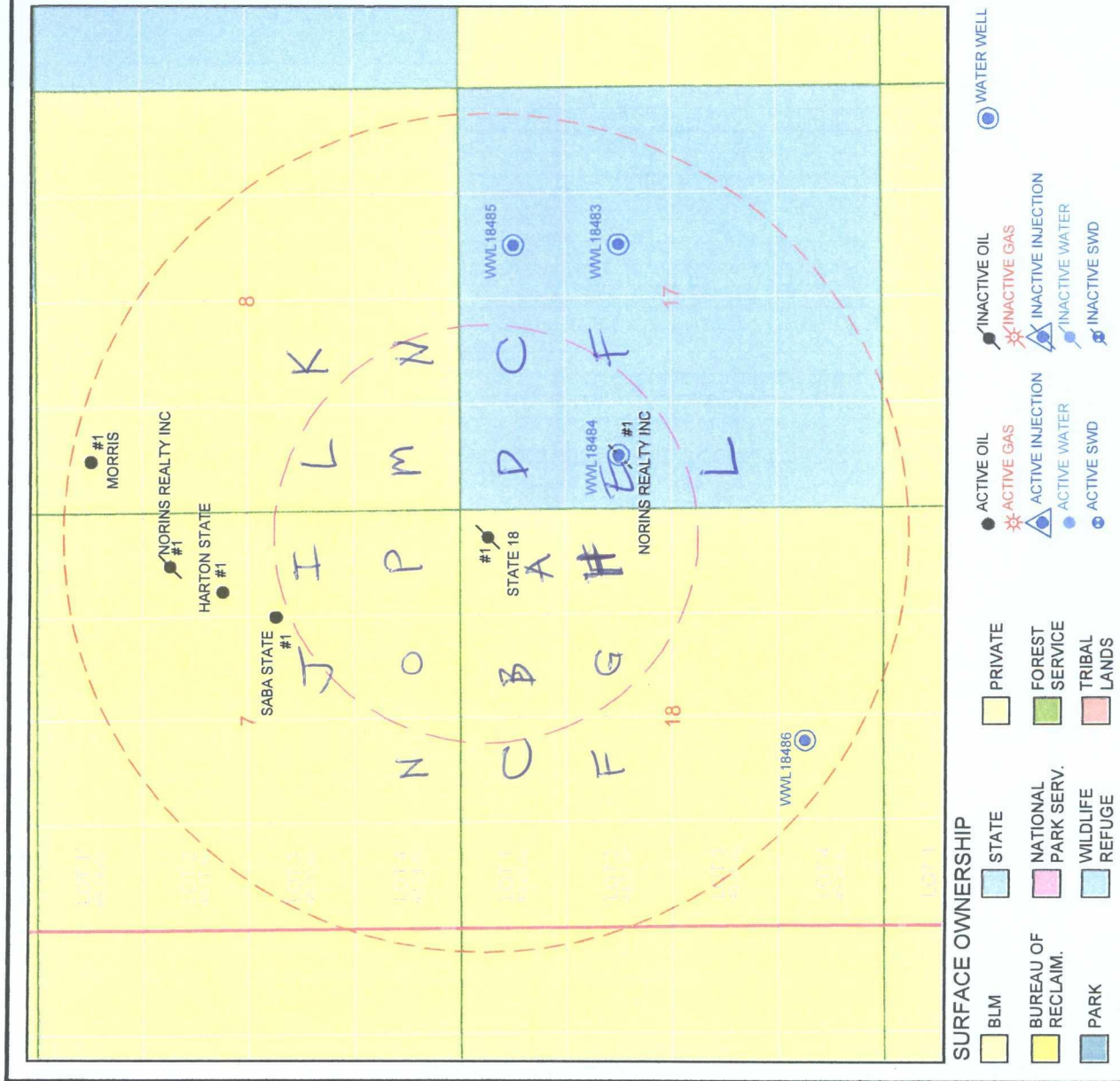
Anhy 2162
 TS 2243
 Yates 3357
 7 Rivers 3380
 Queen 3985
 Grayburg 4338
 San Andres 4462
 Glorieta 5950
 Blinbry 6020
 Tubb 7350
 Drinkard 7460
 Abo 8082
 WC 9570
 Cisco 10555
 Canyon 10922



Maximum Injection Press
 $4502 \times 0.2 \text{ psi/ft} = 900.4$

Exhibit A

Exhibit B



Endeavor Energy Resources

State 18 # 001

Wells in 1.0 mile

	RADIUS	API	OPERATOR	LEASE	AOR	#	T	ST	TWN	RNG	SEC	UNT	TVD
		3002534491	EER,LP	STATE 18		#1	O	P	13S	36E	18	A	11260
1	1928	3002521737	POWO <i>POW</i>	POW <i>Superior State</i>		#1	O	P	13S	36E	17	E	10600
2	2820	3002533726	SABA	SABA STATE		#1	O	A	13S	36E	7	I	14031
3	3371	3002528540	EER,LP	HARTON STATE		#1	O	A	13S	36E	7	H	11180
4	3977	3002503668	Unocal	NORINS REALTY INC		#1	O	P	13S	36E	7	H	10537
5	5049	3002529247	SABA	MORRIS		#1	O	P	13S	36E	8	D	11240

POWO= Pre Ongard Well Operator

POW= Pre Ongard Well

Well # 1 is located with in the 0.5 mile AOR

Well # 1 - Superior State # 1 API # 30-025-21737

Exhibit C

UNIT E / SEC 17 / 13S / 36E

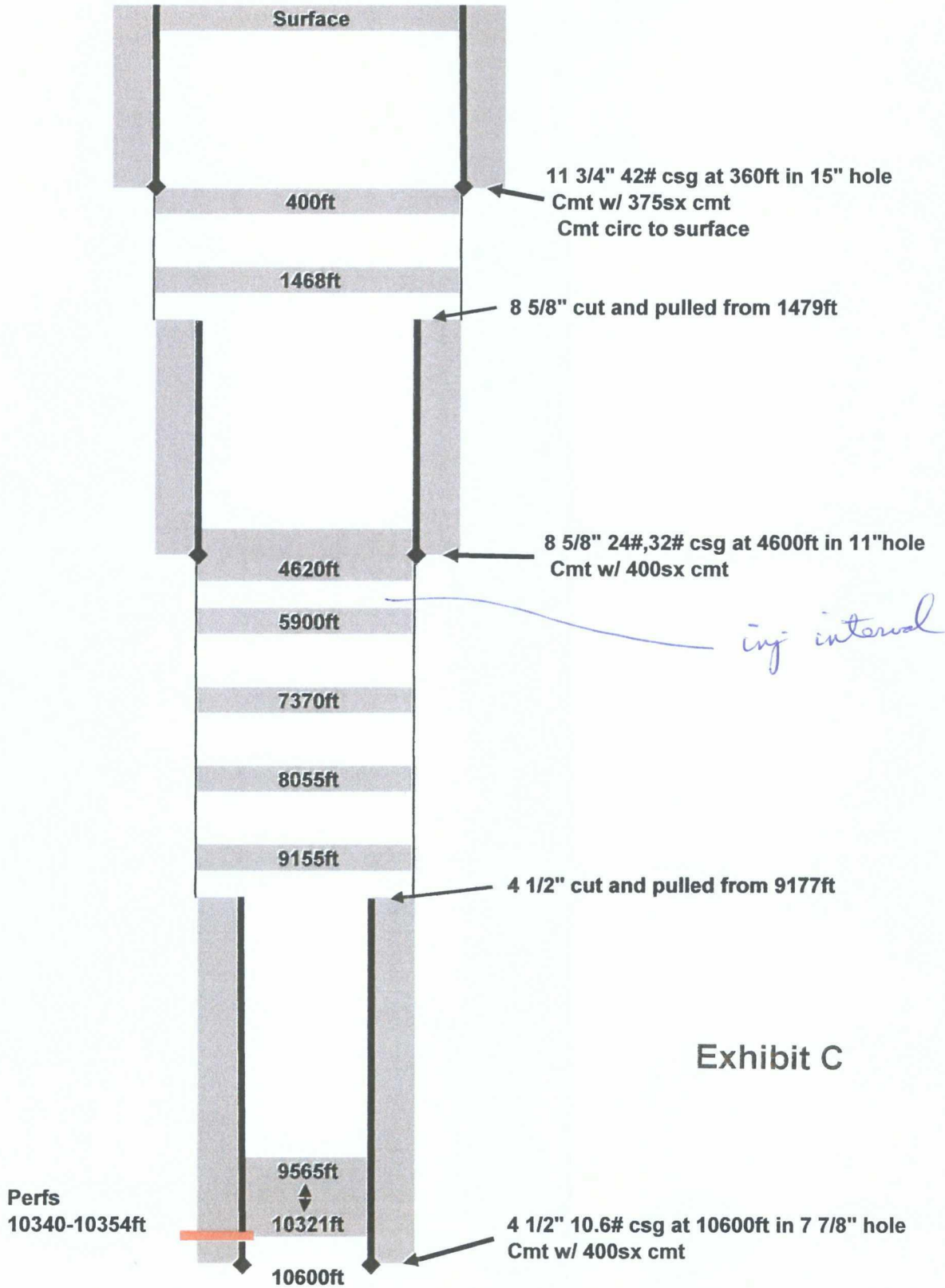


Exhibit C

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

HOADS OFFICE O. C. C.

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
OG 5344

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____						7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. Farm or Lease Name Superior State	
2. Name of Operator Delaware-Apache Corporation						9. Well No. 1	
3. Address of Operator 1720 Wilco Building, Midland, Texas 79701						10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 17 TWP. 13-S RSE. 36-E NMPM						12. County Lea	
15. Date Spudded April 2, 1966		16. Date T.D. Reached May 5, 1966		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.) 3,998.3' GR	
19. Elev. Casinghead 3,998.3'		20. Total Depth 10,600'		21. Plug Back T.D.		22. If Multiple Compl., How Many	
23. Intervals Drilled By Rotary		24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made No		26. Type Electric and Other Logs Run Induction Electric, Sonic-GR, PDC, Cement Bond	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
11-3/4"	42	360	15"	375 sacks	None		
8-5/8"	24 & 32	4,600	11"	400 sacks	1479		
4-1/2"	11.6	10,600	7-7/8"	400 sacks	9177		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	10,320'	10,221'
31. Perforation Record (Interval, size and number) 10,340-354' - 0.42 - 56 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
				10,340-354'			
				3,000 gallons acid			
				10,340-354'			
				5,000 gallons acid			
				10,340-354'			
				20,000 gallons acid			
33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
35. List of Attachments Logs and C-103							
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.							
SIGNED Serry Shume				TITLE Area Engineer		DATE May 23, 1966	

Exhibit C

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

HOBBS OFFICE O. C. C.
NEW MEXICO OIL CONSERVATION COMMISSION
JUN 3 11 20 AM '66

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. OG 5344
7. Unit Agreement Name
8. Farm or Lease Name Superior-State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Lea

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

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- Dry
2. Name of Operator Delaware-Apache Corporation
3. Address of Operator 1720 Wilco Building, Midland, Texas
4. Location of Well UNIT LETTER <u>FE</u> 1980 FEET FROM THE North LINE AND 660 FEET FROM West THE LINE, SECTION 17 TOWNSHIP 13-S RANGE 36-E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3998.3' GR

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>

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

The following cement plugs were set in the subject well:

50 sxs @ 10,321 to 9565 and 25 sx plugs at the following depths; 9155, 8055, 7370, 5900, 4620, 1468, and 400'. A 10 sx plug was set in the surface with a location marker.

9177' of 4½" casing and 1479' of 8-5/8" casing was removed from the well bore. Job was complete May 27, 1966.

Exhibit C

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

SIGNED <u>Serry Shanner</u>	TITLE <u>Area Engineer</u>	DATE <u>June 2, 1966</u>
APPROVED BY <u>John W. Romyan</u>	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

InterChem

3803 Mankins Ave. - Odessa, TX

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : Endeavor Res.
Lease : Harton St.
Well No.: # 1
Location:
Attention:

Date Sampled : 30-March-2009
Date Analyzed: 31-March-2009
Lab ID Number: Mar3109.002- 1
Salesperson :
Requested By : Permian Treating
File Name : Mar3109.002

ANALYSIS

1. Ph 7.010
2. Specific Gravity 60/60 F. 1.059
3. CACO3 Saturation Index @ 80F
- @140F

0.283 Mild
1.193 Moderate

Dissolved Gasses

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

Not Present
Not Determined
Not Determined

MG/L. EQ. WT. *MEQ/L

Cations

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

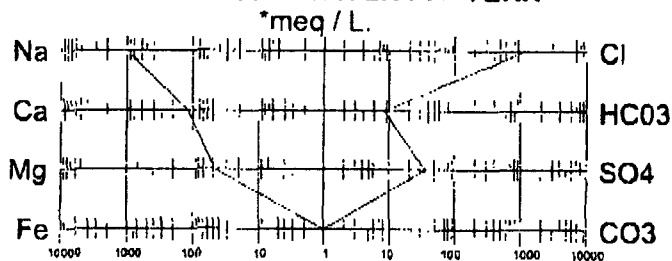
2.255 / 20.1 = 112.19
547 / 12.2 = 44.84
23,313 / 23.0 = 1,013.61
Not Determined

Anions

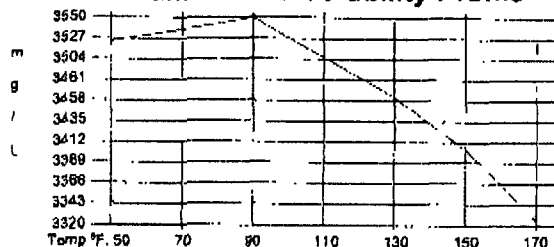
11. Hydroxyl (OH-)
12. Carbonate (CO3=)
13. Bicarbonate (HCO3-)
14. Sulfate (SO4=)
15. Chloride (Cl-)
16. Total Dissolved Solids
17. Total Iron (Fe)
18. Manganese (Mn++)
19. Total Hardness as CaCO3
20. Resistivity @ 75 F. (Calculated)

0 / 17.0 = 0.00
0 / 30.0 = 0.00
500 / 61.1 = 8.18
1,700 / 48.8 = 34.84
39,991 / 35.5 = 1,126.51
68,306
5.00 / 18.2 = 0.27
Not Determined
7,882
0.144 Ohm · meters

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT.	=	mg/L.
Ca(HCO3)2	8.18		81.04		663
CaSO4	34.84		68.07		2,371
CaCl2	69.17		55.50		3,839
Mg(HCO3)2	0.00		73.17		0
MgSO4	0.00		60.19		0
MgCl2	44.84		47.62		2,135
NaHCO3	0.00		84.00		0
NaSO4	0.00		71.03		0
NaCl	1,012.50		58.46		59,191

* milliequivalents per Liter

Kevin Byrne, Analyst

Exhibit D

General Information About: Sample 6625			
RED HAT STATE UNIT 001			
API	3002531110	Sample Number	
Unit/Section/ Township/Range	15 / 02 / 16 S / 33 E	Field	SAUNDERS
County	Lea	Formation	SA
State	NM	Depth	
Lat/Long	32.95226 / - 103.63101	Sample Source	
TDS (mg/L)		Water Type	
Sample Date(MM/DD/YYYY)	8/1/2001	Analysis Date(MM/DD/YYYY)	
Remarks/Description			
Cation Information (mg/L)		Anion Information (mg/L)	
Potassium (K)		Sulfate (SO)	3125
Sodium (Na)		Chloride (Cl)	92868
Calcium (Ca)	2120	Carbonate (CO ₃)	
Magnesium (Mg)	462.9	Bicarbonate (HCO ₃)	1171
Barium (Ba)	0	Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H ₂ S)	110
Strontium (Sr)		Carbon Dioxide (CO ₂)	
Iron (Fe)	0.3	Oxygen (O)	

San Andres water analysis

Data obtained from
<http://octane.nmt.edu>

Exhibit E

General Information About: Sample 3842			
STATE BN 002			
API	3002520105	Sample Number	
Unit/Section/ Township/Range	M / 14 / 10 S / 32 E	Field	MESCALERO
County	Lea	Formation	SA
State	NM	Depth	
Lat/Long	33.44085 / - 103.64910	Sample Source	UNKNOWN
TDS (mg/L)	248182	Water Type	
Sample Date(MM/DD/YYYY)		Analysis Date(MM/DD/YYYY)	
Remarks/Description			
Cation Information (mg/L)		Anion Information (mg/L)	
Potassium (K)		Sulfate (SO)	3260
Sodium (Na)		Chloride (Cl)	149000
Calcium (Ca)		Carbonate (CO ₃)	
Magnesium (Mg)		Bicarbonate (HCO ₃)	42
Barium (Ba)		Hydroxide (OH)	
Manganese (Mn)		Hydrogen Sulfide (H ₂ S)	
Strontium (Sr)		Carbon Dioxide (CO ₂)	
Iron (Fe)		Oxygen (O)	

San Andres water analysis

Data obtained from <http://octance.nmt.edu>

Exhibit E

**Endeavor Energy Resources, LP
C108 (Application for Authorization to Inject)**

**State 18 # 001
API # 30-025-34491
330 FNL X 330 FEL
Section 18, T13S, R36E
Lea County, New Mexico**

Geological Data

The San Andres is a carbonate reservoir of Permian Age, it is
1488 feet thick in the State 18 #001
Above the San Andres is the Grayburg formation and below the San Andres is the
Glorieta formation.

Fresh water in the area is in the Ogallala aquifer usually located from 80-300 feet from
the surface. Surface casing on the 6 permitted oil or gas wells in the area average 393
feet deep.

Exhibit F

Google maps Address **New Mexico**

Notes Fresh Water Sample
from residence of Glen
Thompson
domestic water well

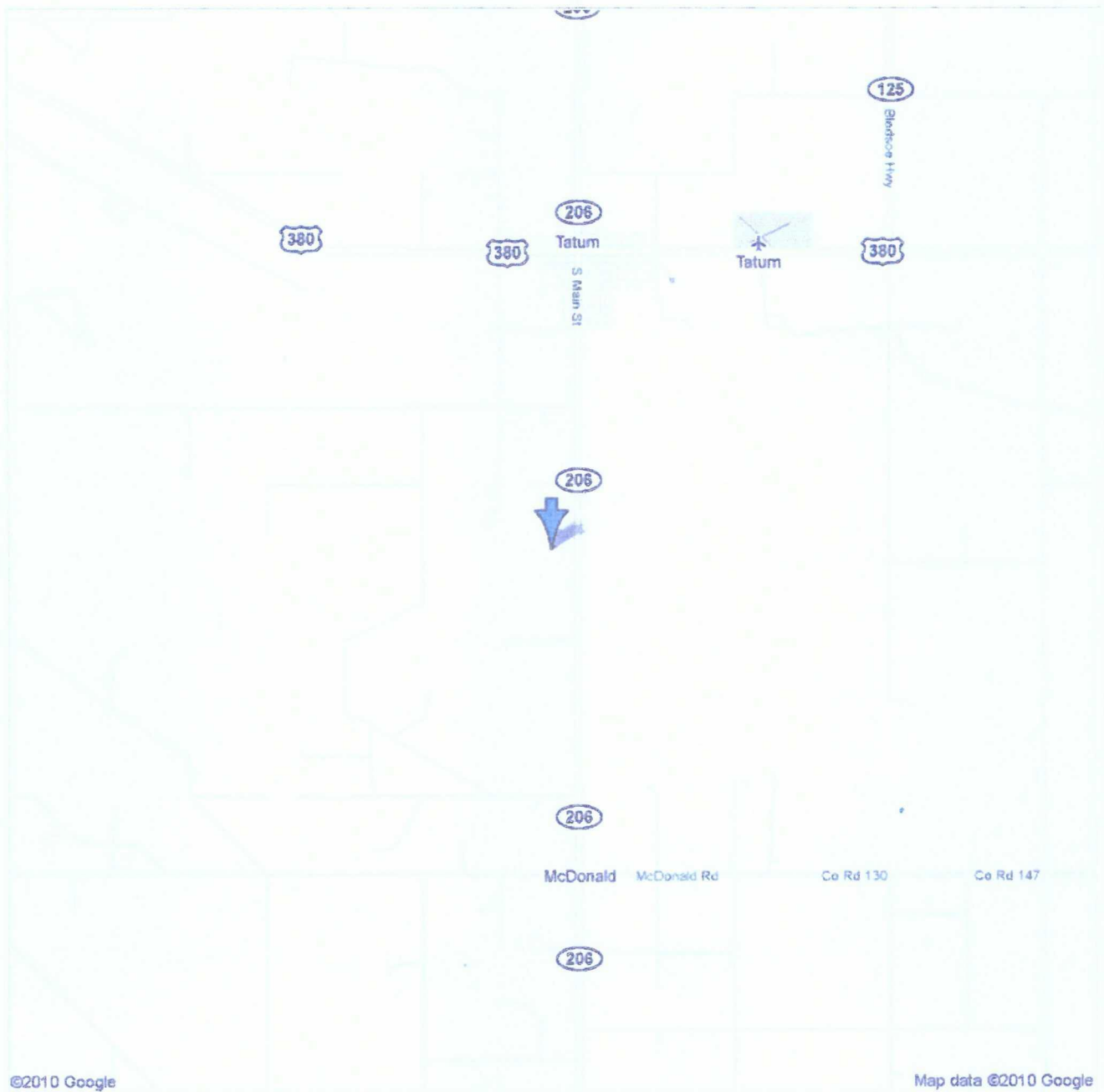


Exhibit G



**ARDINAL
LABORATORIES**

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

January 14, 2010

Ronnie Prior
Endeavor Energy Resources
P.O. Box 11322
Midland, TX 79702

Re: State 18 #1 SWD - *Glenn Thompson WATER well AT House.*

Enclosed are the results of analyses for sample number H18981, received by the laboratory on 01/04/10 at 3:45 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.

Exhibit G



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENDEAVOR ENERGY
ATTN: RONNIE PRYER
110 N. MARIENFELD, STE. 200
MIDLAND, TX 77701

Receiving Date: 01/04/10
Reporting Date: 01/13/10
Project Number: NOT GIVEN

Project Name: STATE 18 #1 SWD - *Glenn Thompson Water Well House*
Project Location: SOUTH OF TATUM 2 MILES

Sampling Date: 01/04/10
Sample Type: GROUNDWATER
Sample Condition: INTACT @ 21.5°C
Sample Received By: CK
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Na (mg/L)	Ca (mg/L)	Mg (mg/L)	K (mg/L)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO ₃ /L)
ANALYSIS DATE:		01/12/10	01/10/10	01/10/10	01/12/10	01/05/10	01/05/10
H18981-1	FRESH WATER FROM GLENN THOMPSON HOUSE WATER	<5.0	122	13.6	1.7	731	156
Quality Control		NR	51.3	52.5	2.96	1,402	NR
True Value QC		NR	50.0	50.0	3.00	1,413	NR
% Recovery		NR	103	105	98.8	99.2	NR
Relative Percent Difference		NR	6.4	1.9	3.8	0.5	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
----------	-------------	-----------	------	-------	-------

	Cl (mg/L)	SO ₄ (mg/L)	CO ₃ (mg/L)	HCO ₃ (mg/L)	pH (s.u.)	TDS (mg/L)
ANALYSIS DATE:	01/05/10	01/05/10	01/05/10	01/05/10	01/05/10	01/05/10
H18981-1	72	81.1	0	190	7.57	493
Quality Control	500	38.2	NR	988	7.04	NR
True Value QC	500	40.0	NR	1000	7.00	NR
% Recovery	100	95.4	NR	98.8	101	NR
Relative Percent Difference	2.0	1.6	NR	<0.1	0.3	3.0

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1	160.1
----------	-------------	-------	-------	-------	-------	-------

Chemist

Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Exhibit G

NM WAIDS

[DATA](#)[MAPS](#)[HOME](#)[SCALE](#)

General Information About: Sample 4674

Section/ Township/Range	06 / 13 S / 36 E	Lat/Long	33.2205 / -103.3428
Elevation	4009	Depth	0
Date Collected	8/21/1990	Chlorides	77
Collector / Point of Collection	SEO / DP	Use	Stock
Formation	OGALLALA	TDS	0



Exhibit G

Affidavit of Publication

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

Loyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON 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 LOV-**

INGTON LEADER and not in any supplement thereof, for

one (1) day, beginning with the issue of
December 31, 2009 and ending with the issue
of December 31, 2009.

And that the cost of publishing said notice is the sum of
\$ 38.96 which sum has been (Paid) as
Court Costs.

Loyce Clemens

Subscribed and sworn to before me this 14th day of
January 2010

Debbie Schilling

Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2010

Authorization to Inject
with the New Mexico Oil
Conservation Division
seeking administrative
approval for the conver-
sion of the State 18 #001,
API # 30-025-34491, 330
FNL x 330 FEL, Unit
Letter "A", Section 18,
Township 13 South,
Range 36 East, Lea coun-
ty, New Mexico approxi-
mately 4.2 miles south-
west of Tatum, New
Mexico from a plugged
and abandoned well to
San Andres lease pro-
duced water disposal well.
The disposal interval
would be the San Andres
formation through open
hole from 4502-5850 feet.
Disposal fluid would be
produced water from the
Harton # 001 operated by
Endeavor Energy

Resources, LP.
Anticipated daily disposal
rate of 260 BWPD with a
maximum disposal rate of
1000 BWPD.
Anticipated disposal pres-
sure of 250 psig with a
maximum disposal pres-
sure of 900 psig.

All interested parties
opposing the aforemen-
tioned must file objections
with the New
Mexico Oil Conservation
Division, 1220 South St.
Francis Drive, Santa Fe,
New Mexico
87505 with in 15 days.
Additional information can
be obtained by contacting
Billy E. Prichard 432-934-
7680.
Published in the
Lovington Leader
December 31, 2009.

Legal Notice

Endeavor Energy
Resources, LP 110 North
Marienfeld Suite 200,
Midland, TX 79701
Has filed form C-
108(Application for

Exhibit H

**Endeavor Energy Resources, LP
State 18 # 001
API # 30-025-34491
C108**

Proof of Notify

**Surface Owner
Presley Duncan
P.O.Box 171
Peralta, New Mexico 87042**

**Mineral Owner
State of New Mexico
New Mexico State Land Office
Oil, Gas, Mineral Division
P.O. Box 1148
Santa Fe, New Mexico 87504-1148**

**Mineral Lessee
Endeavor Energy is the lessee of East ½ of Section 18, T13S, R36E**

**West ½ of Section 18, T13S, R36E
Vierson Oil and Gas Company
P.O. Box 702708
Tulsa, OK 74170**

**West ½ of Section 17, T13S, R36E
Chase Oil Corporation
P.O. Box 1767
Artesia, New Mexico 88211-1767**

**South ½ of Section 7, T13S, R36E
Yates Petroleum Corporation
105 South Fourth Street
Artesia, New Mexico 88210**

**SW/4 Section 8, T13S, R36E
Larry G. Phillips
PO Box 2197
Midland, TX 79701**

**15 Mineral owners in SW/4, Section 8, T13S, R36E were also provided copies of
C108**

Exhibit H

Mineral Ownership
SW/4 Section 8-T 13s-R36E
Lea County, New Mexico

Iva Lee Thompson
P.O. Box 283
Tatum, NM 88267

Brian H. Scarborough
P.O. Box 2474
Midland, TX 79702

Betty Baun Cooper
P.O. Box 55
Monument, NM 88265

Sidney T. Scarborough
803 Canonero Circle
Midland, TX 79705

W.J. Hill
1613 Winfield
Midland, TX 79705

Wells Fargo Bank, NA, Trustee
Mary Catherine Jones Testamentary Trust
f/b/o Angela L. Starrett
P.O. Box 1959
Midland, TX 79702

Deborah Baum Thompson
P.O. Box 7561
Ruidoso, NM 88355

REOC, Inc.
528 S. Corona St.
Denver, CO 80209

Richard D. Jones, Jr.
200 N. Gaines Rd.
Cedar Creek, TX 78612

David A. Lynch
P.O. Box 1904
Lovington, NM 88260

Baloney Feathers Ltd.
P.O. Box 1586
Lubbock, TX 79403

Alan J. May
P.O. Box 626
Seiad Valley, CA 96086

Magic M&R, LLC
1720 s. Bellaire St., Ste 1200
Denver, CO 80222

Southard Properties Ltd Agency
c/o Wells Fargo Bank, NA, as Trustee
P.O. Box 1959
Midland, TX 79702

Exhibit H

7008 1140 0004 0929 7013
7008 1140 0004 0929 7044
7008 1140 0004 0929 7066
7008 1140 0004 0929 7051

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Return Receipt Fee (Endorsement Required)	\$2.30	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

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Presley Duncan
PO Box 171
Peralta, NM 87402

PS Form 3800, August 2006 See Reverse for Instructions

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Return Receipt Fee (Endorsement Required)	\$2.30	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

Sent To
New Mexico State Land Office
Oil, Gas, Mineral Division
PO Box 1148
Santa Fe, NM 87504-1148

PS Form 3800, August 2006 See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

Sent To
Chase Oil Corporation
PO Box 1767
Artesia, NM 88211-1767

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Return Receipt Fee (Endorsement Required)	\$2.30	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

Sent To
Vierson Oil and Gas Company
PO Box 702708
Tulsa, OK 74170

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

Sent To
Larry G. Phillips
PO Box 2197
Midland, TX 79701

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Return Receipt Fee (Endorsement Required)	\$2.30	
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 46.66	01/25/2010

Sent To
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

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7008 1140 0004 0929 7075

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Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To Iva Lee Thompson
PO Box 283
Tatum, NM 88267

PS Form 3800, August 2009

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Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To Betty Baum Cooper
PO Box 55
Monument, NM 88265

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To WJ Hill
1613 Winfield
Midland, TX 79705

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To Deborah Baum Thompson
PO Box 7561
Ruidoso, NM 88355

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To Baloney Feathers, LTD
PO Box 1586
Lubbock, TX 79403

PS Form 3800, August 2009

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CEDAR CREEK, TX 78612

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Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 6.66	01/25/2010

Sent To Richard D. Jones, Jr.
200 N Gaines Rd
Cedar Creek, TX 78612

PS Form 3800, August 2009

2008 1140 0004 0929 7136

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SEIAD VALLEY CA 96086

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Alan J. May
 PO Box 626
 Seiad Valley, CA 96086

PS Form 3800, 11-10

2008 1140 0004 0929 7143

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DENVER CO 80222

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Magic M&R, LLC
 1720 S. Bellaire St
 Suite 1200
 Denver, CO 80222

PS Form 3800, 11-10

2008 1140 0004 0929 7150

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MIDLAND TX 79702

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Southard Properties Ltd Agency
 c/o Wells Fargo Bank, NA, as trustee
 PO Box 1959
 Midland, TX 79702

PS Form 3800, 11-10

2008 1140 0004 0929 7167

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MIDLAND TX 79702

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Brian Scarborough
 PO Box 2474
 Midland, TX 79702

PS Form 3800, 11-10

2008 1140 0004 0929 7174

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For delivery information visit our website at www.usps.com

MIDLAND TX 79705

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Sidney T. Scarborough
 803 Canonero Circle
 Midland, TX 79705

PS Form 3800, 11-10

2008 1140 0004 0929 7181

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

For delivery information visit our website at www.usps.com

MIDLAND TX 79702

Postage	\$ 1.56	0634
Certified Fee	\$2.80	01
Return Receipt Fee (Endorsement Required)	\$2.30	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ \$6.66	

01/25/2010

Sent To: Mary Catherine Jones Testamentary Trust
 Wells Fargo Bank, NA Trustee
 f/b/o Angela L. Starrett
 PO Box 1959
 Midland, TX 79702

PS Form 3800, 11-10

Exhibit H

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PS Form 3800, August 2006

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Total Postage & Fees	\$ 6.66	01/25/2010

Sent To: **David A. Lynch**
 PO Box 1904
 Lovington, NM 88260

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PS Form 3800, August 2006

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Total Postage & Fees	\$ 6.66	01/25/2010

Sent To: **District 1**
New Mexico Oil Conservation Division
 1625 N French Dr
 Hobbs, NM 88240-9273

Street
 or PO
 City

PS Form 3800, August 2006

Exhibit H

RECEIVED

2010 JAN 27 PM 2 35

Billy(Bill)E.Prichard
Pueblo West
Oilfield Consulting Service
125 Greathouse Village
Decatur, TX 76234

1/25/2010

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

Mr. Ezeanyim;

Please find enclosed 2 copies of New Mexico Oil Conservation Division form C108 (Application for Authorization to Inject) for the conversion of the State 18 # 1 API #30-025-34491 from a plugged and abandoned oil well to San Andres produced water disposal well. The plugged and abandoned well is located approximately 4.2 miles southwest of Tatum, New Mexico.

Also enclosed is inactive well list for Endeavor Energy Resources,LP.

Should you have questions or need further information, please contact me at any of the included contact information.

Sincerely,



Billy E. Prichard
Agent for Endeavor Energy Resources,L.P.
432-934-7680 cellular
940-627-5449 fax
Email; billy@pwillc.net

Inactive Well List

Total Well Count: 61 Inactive Well Count: 2 Since: 10/31/2008

Printed On: Sunday, January 24 2010

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
1	30-005-10084	NEW MEXICO BW STATE #005	O-16-08S-33E	O	190595	ENDEAVOR ENERGY RESOURCES, LP	S	O	05/1990	SA INT TO PA 01/14/2010	T	12/9/2007
1	30-005-20957	NEW MEXICO BW STATE #007	B-21-08S-33E	B	190595	ENDEAVOR ENERGY RESOURCES, LP	S	O	09/2005	SAN ANDRES 01/14/2010 INT TO PA		

WHERE Ogrid:190595, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

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 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 LOV-
INGTON LEADER** and not in any supplement thereof, for
one (1) day, beginning with the issue of
December 31, 2009 and ending with the issue
of December 31, 2009.

And that the cost of publishing said notice is the sum of
\$38.96 which sum has been (Paid) as
Court Costs.

Jayce Clemens

Subscribed and sworn to before me this 14th day of January 2010

Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2010

Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for the conversion of the State 18 #001, API # 30-025-34491, 330 FNL x 330 FEL, Unit Letter "A", Section 18, Township 13 South, Range 36 East, Lea county, New Mexico approximately 4.2 miles southwest of Tatum, New Mexico from a plugged and abandoned well to San Andres lease produced water disposal well. The disposal interval would be the San Andres formation through open hole from 4502-5850 feet. Disposal fluid would be produced water from the Harton # 001 operated by Endeavor Energy

Resources, LP.
Anticipated daily disposal rate of 260 BWPD with a maximum disposal rate of 1000 BWPD.
Anticipated disposal pressure of 250 psig with a maximum disposal pressure of 900 psig.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 with in 15 days. Additional information can be obtained by contacting Billy E. Prichard 432-934-7680. Published in the Lovington Leader December 31, 2009.

Legal Notice

Endeavor Energy
Resources, LP 110 North
Marienfeld Suite, 200,
Midland, TX 79701
Has filed form C-
108(Application for

Exhibit H

Injection Permit Checklist (11/30/09)

Case _____ R- _____ SWD 120 WFX _____ PMX _____ IPI _____ Permit Date 3/10/19 UIC Qtr TF/M

Wells 1 Well Name: State 18 #1

API Num: (30-) 025-34491 Spud Date: 8/27/98 New/Old: N (UIC primacy March 7, 1982)

Footages 330 FNL/330 FEL Unit A Sec 18 Tsp 135 Rge 36 E County LEA

Operator: ENDEAVOR Energy Resources, LP Contact BILL E. Prichard

OGRID: 190595 RULE 5.9 Compliance (Wells) 2/133 (Finan Assur) OK OK

Operator Address: 110 N. Maricamp SUITE 200, MIDLAND, TX 79701

Location and Current Status: DRY & ABANDONED

Planned Work to Well:

Planned Tubing Size/Depth:

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <input checked="" type="checkbox"/> Surface	17 1/2 13 3/8	453	495	CIRC
Existing <input checked="" type="checkbox"/> Intermediate	11" 8 5/8	4502	900/200	CIRC
Existing <input type="checkbox"/> Long String	7 7/8 NONE			

DV Tool _____ Liner _____ Open Hole 4502-5850 Total Depth: 9850 NEW

Well File Reviewed ☒

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: NO

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	4338	GBG TOP	
Above (Name and Top)	4462	SA TOP	
Injection.....			
Interval TOP:	4502	SA under	
Injection.....			
Interval BOTTOM:	5850	SA under	
Below (Name and Top)	5950'	GLOR	
	6020'	Bunder	

Just South of
TATUM

900 PSI Max. WHIP
Y/N Open Hole (Y/N)

Deviated Hole?

Sensitive Areas: Capitan Reef Chalk House Salt Depths 2243-3357

... Potash Area (R-ITP) _____ Potash Lessee _____ Noticed? _____

Fresh Water: Depths: 80-300 Wells Y/N Analysis? Y/N Affirmative Statement ☒

Disposal Fluid Sources: Upper Perm Analysis? ☒

Disposal Interval Production Potential/Testing/Analysis Analysis: 2 X

Notice: Newspaper (Y/N) ☒ Surface Owner: Presley Duncan Mineral Owner(s): S.L.O.

RULE 26.7(A) Affected Parties: CHASE OIL U. Ierson L.G. PHILLIPS YPC

Area of Review: Adequate Map (Y/N) ☒ and Well List (Y/N) ☒

Active Wells 0 Num Repairs _____ Producing in Injection Interval in AOR _____

..P3A Wells 1 Num Repairs 0 All Wellbore Diagrams Included? ☒

Questions to be Answered: TAG BOTTOM
How will S.A. be Tested
Run LOGS over SA

Required Work on This Well: _____ Request Sent _____ Reply: _____

AOR Repairs Needed: _____ Request Sent _____ Reply: _____

Request Sent _____ Reply: _____