

DATE IN 1/24/13	SUSPENSE 2/8/13	ENGINEER WVD	LOGGED IN	TYPE SWD	APP NO. PWNJ 1303662494
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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



### 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.

JASON GOSS

Print or Type Name

Signature

ENGINEER

Title

01/14/2013

Date

JGOSS@NAGUSS.COM

e-mail Address

REGULATOR 29 SWD #1  
I/29/185/20E  
30-05-41034

2013 JAN 24 A 11:37

RECEIVED OGD

NM OCD Santa Fe  
Attn: Engineering Department

Injection/Disposal Permit Application  
Regulator 29 SWD #1  
Section 29, T-18S, R-26E, Eddy County

Nadel and Gussman HEYCO, LLC  
Jason Goss 432-682-4429  
jgoss@naguss.com

1/10/13

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance \_\_\_\_\_ xxxx \_\_\_\_\_ Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? \_\_\_\_\_ Yes \_\_\_\_\_ No
- II. OPERATOR: NADEL AND GUSSMAN HEYCO, L.L.C  
ADDRESS: 500 N. MAIN, SUITE ONE, ROSWELL NM 88201  
CONTACT PARTY: JASON GOSS PHONE: 432.682.4429
- 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 \_\_\_\_\_ xxxx \_\_\_\_\_ 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: \_\_\_\_\_ Jason Goss \_\_\_\_\_ TITLE: \_\_\_\_\_ Engineer \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_ 11/5/2012 \_\_\_\_\_  
E-MAIL ADDRESS: \_\_\_\_\_ jgoss@naguss.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: \_\_\_\_\_

### 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.

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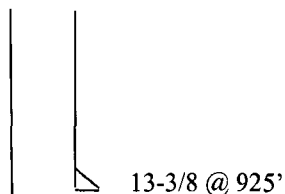
NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

## INJECTION WELL DATA SHEET

OPERATOR: NADEL AND GUSSMAN HEYCO, L.L.C.

WELL NAME &amp; NUMBER: REGULATOR 29 SWD #1

WELL LOCATION:

1,650' FSL, 990 FEL  
FOOTAGE LOCATIONI  
UNIT LETTER29  
SECTION18S  
TOWNSHIP26E  
RANGEWELLBORE SCHEMATIC

7" @ 10,100'

WELL CONSTRUCTION DATASurface Casing

Hole Size: 17.5" to 925ft

Casing Size: 13-3/8" 54.5# J-55

Cemented with: 900 sx. or ft<sup>3</sup>

Top of Cement: SURFACE

Method Determined: CIRCULATE

Intermediate Casing

Hole Size: \_\_\_\_\_

Casing Size: \_\_\_\_\_

Cemented with: \_\_\_\_\_ sx. or ft<sup>3</sup>

top of Cement: \_\_\_\_\_ Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 8-3/4" \_\_\_\_\_

Casing Size: 7" \_\_\_\_\_

Plan to Cement with: 1400 sx. or ft<sup>3</sup>

Top of Cement: SURFACE

Method Determined: Circulate

Total Depth of well: 10,500'

Total Depth of Casing: 10,100'

Injection Interval

10,150' feet

to 10,250'

INTERVAL OPEN HOLE

**INJECTION WELL DATA SHEET**

Tubing Size: \_\_\_\_ 3.5", 9.3#, L-80 \_\_\_\_ Lining Material: Internally plastic coated

Type of Packer: \_\_\_\_ Weatherford Arrow Set 1X Injection Packer \_\_\_\_

Packer Setting Depth: \_\_\_\_ 50ft ABOVE OPEN HOLE \_\_\_\_

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_ EXTERNAL CASING PACKER SET @ 10,100FT \_\_\_\_

Additional Data

1. Is this a new well drilled for injection? \_\_\_\_ XXX \_\_\_\_ Yes \_\_\_\_ No

If no, for what purpose was the well originally drilled? \_\_ n/a \_\_\_\_

2. Name of the Injection Formation: \_\_\_\_ Devonian *Fusselman* \_\_\_\_

3. Name of Field or Pool (if applicable): \_\_\_\_ SWD; Devonian 96101 \_\_\_\_

4. 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.

NONE, NEW DRILL

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

San Andres 1550ft, Yeso 2,550ft, Morrow ~9,000ft

Additional questions on C-108

VII.

1. Proposed average and maximum daily rate and volume of fluids to be injected:  
Average injection rate 2,500-6,000 BWPd, Maximum 20,000 BWPd.
2. Closed system-only produced water from Nadel and Gussman HEYCO operated wells from Yeso Formation offset Regulator 29 #1 SWD
3. Proposed average injection and maximum injection pressure: Average pressure vacuum, max pressure 1,800 psi
4. Analysis of injection water sample from NGH Rock Island 16 State #1H, Sec. 16, T18S, R26E. No incompatibility exists; Yeso water is typically disposed of in the Devonian in this area.
5. Analysis of disposal zone water: The Devonian is not productive in this area, and is typically on vacuum. No sample.

IX.

Proposed stimulation will be 10,000 gals 15% HCL pumped down 2-7/8" tubing, with packer set at 10,050'.

XII .

Analysis of fresh water wells within one mile of disposal well. Base of usable water is approximately 750ft (base of Grayburg). Fresh water zone is protected by surface casing @ 925' cemented to surface. Top of San Andres is 900ft.

XII. Affirmative Statement:

Nadel and Gussman HEYCO, L.L.C. has reviewed and examined available geologic and engineering data for the Area of Interest for the Regulator 29 #1 SWD and have found no evidence of faults or other hydrologic connections between the Devonian disposal zone (top 10,150ft) and the underground sources of drinking water.

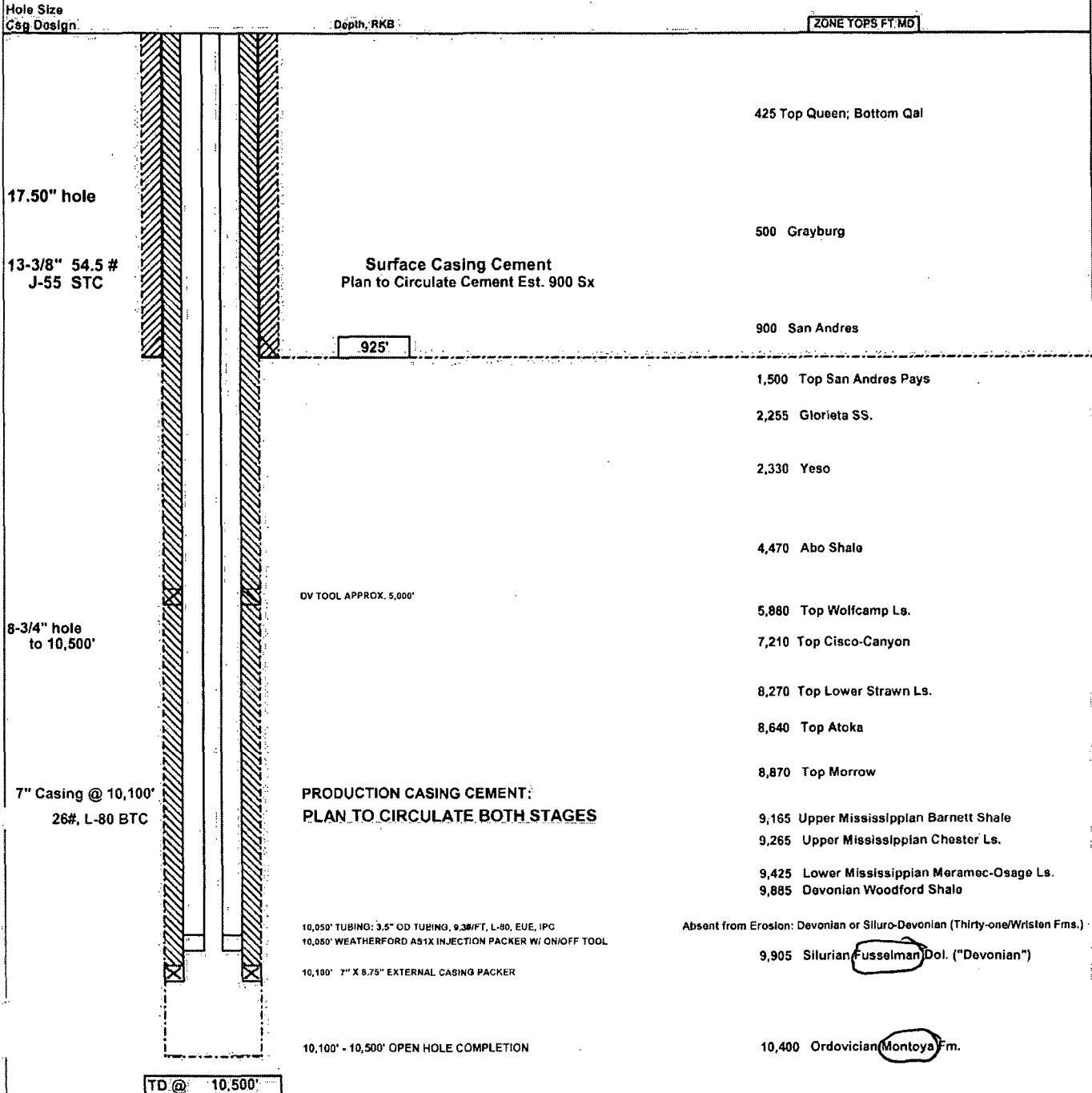
# Nadel & Gussman HEYCO, LLC

LEASE: Regulator 29 SWD  
FIELD: Devonian; SWD  
LOCATION: 1650' FSL and 990' FEL  
SPUD DATE: TBD  
CONTRACTOR: TBD

WELL NO.: 1  
COUNTY: Eddy  
LEGAL: Sec. 29, T18S, R26E  
DRAWN BY: Jason Goss  
DATE: 2/4/2013

API #: 30-015-41034  
STATE: New Mexico  
GL: 3412'  
DF:  
KB:

## Regulator 29 SWD #1 - Proposed





**Nadel and Gussman HEYCO, L.L.C.**

**SWD Well Information Sheet, November 9, 2012**

**JASON GOSS**

Well name?

Regulator 29 SWD #1

Planned logs?

Porosity, Resistivity, and Gamma (Halliburton Triple Combo)

Will the well be new drill, reentry, or conversion?

New drill

How will you test the mechanical integrity of the casing?

A State of New Mexico supervised MIT to 500 psig run on tubing/casing annulus

What size tubing is planned?

3-1/2" OD, Internally plastic coated tubing

Packer type to be used?

Weatherford Arrow set 1X injection packer, Nickel plated with on/off tool

Packer setting depth?

Within 50-100 feet above casing shoe

Frac Gradient?

Approx 0.75

How will the well be stimulated?

10,000 gallon 15% HCL Acid job with packer

What is the interval of injection?

Devonian: 10,150ft to 10,250ft

What will be the average daily volume injection?

2,500-6,000 BWPD

What will be the maximum daily volume injection?

20,000 BWPD

What will be the average daily injection pressure?

0 pressure, Devonian is likely on a vacuum

What will be the maximum injection pressure?

1800 psig

Will water be piped or Trucked to the well?

Piped and trucked

What wells will dispose into it?

Multiple wells owned by Nadel and Gussman HEYCO in the area

Any non-Nadel and Gussman HEYCO wells?

No outside operated water will be disposed of.

What surface Facilities will be installed?

6 - 500 bbl water storage tanks, 1 – 1,000 bbl Gun Barrel, 2 – 500 bbl oil tanks

1 – triplex or H pump

Do you have an analysis of Yeso produced water to be injected?

Yes

Do you have an analysis of the formation water into which you'll inject?

No, Devonian does not produce

Will the geology prevent migration into fresh water zones?

Yes, there are many impervious geological barriers that exist between the Devonian and the Fresh water zones.

Will the system be opened or closed?

Closed

RECEIVED DEC 17 2012

District I  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax (575) 393-0720  
District II  
811 S. First St., ARTESIA, NM 88210  
Phone: (575) 748-1283 Fax (575) 478-9720  
District III  
1000 Rio Brazes Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax (505) 334-6170  
District IV  
1000 Rio Brazes Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax (505) 334-6170

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

APIA Number		Pool Code	Pool Name
		96101	SWD; Devonian
Property Code	Property Name		Well Number
	REGULATOR 29 SWD		1
GRID No.	Operator name		Elevation
258462	NADEL AND GUSSMAN HEYCO, LLC		3411.8'

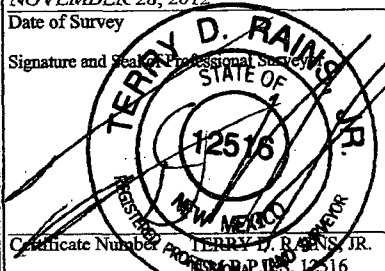
**Surface Location**

URL or lot no.	Section	Township	Range	Lot ISDN	Feet from the	North/South line	Feet from the	East/West line	County
I	29	18 S	26 E		1650	SOUTH	990	EAST	EDDY

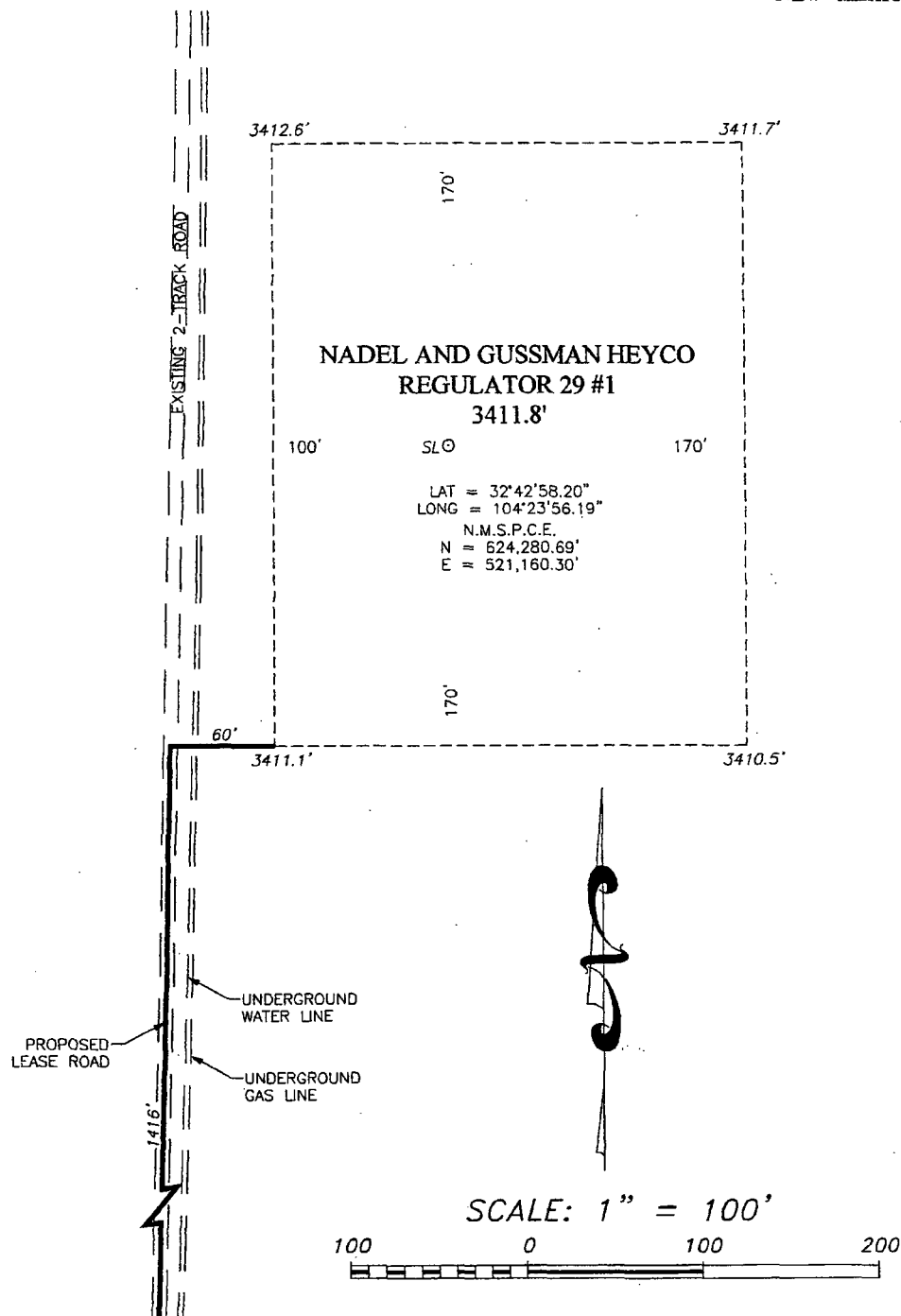
**Bottom Hole Location If Different From Surface**

URL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

				<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless minerals interest in the land including the proposed bottom hole location or has a right or drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by division.	
				Signature <i>J. Goss</i> Date 1/10/13 Printed Name Jason Goss E-mail Address jgoss@naguss.com	
				<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my belief.	
SURFACE LOCATION LAT = 32°42'58.20" LONG = 104°23'56.19" N.M.S.P.C.E. N = 624,280.69' E = 521,160.30'				NOVEMBER 28, 2012 Date of Survey Signature and Seal of Professional Surveyor	
				 Certificate Number 12516	

SECTION 29, TOWNSHIP 18 SOUTH, RANGE 26 EAST, N.M.P.M.  
 EDDY COUNTY ————— NEW MEXICO



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF SEVEN RIVERS HIGHWAY (U.S. HIGHWAY 285) AND KINCAID RANCH ROAD, GO WEST 0.2 MILES TO AN EXISTING TWO-TRACK ROAD (PROPOSED LEASE ROAD) THEN GO NORTH 1/4 MILE THEN GO EAST 60 FEET TO THE WELL PAD.

**RAINS**  
**SURVEYING** COMPANY

PROFESSIONAL LAND SURVEYING SERVICES - EST. 1996  
 P.O. BOX 1474 • ROSWELL • NEW MEXICO • (575)622-8411

**NADEL & GUSSMAN HEYCO**

REF: REGULATOR 29 #1 - WELL PAD TOPO

REGULATOR 29 #1

LOCATED 1650' FROM THE SOUTH LINE AND  
 990' FROM THE EAST LINE OF SECTION 29  
 TOWNSHIP 18 SOUTH, RANGE 26 EAST, N.M.P.M.  
 EDDY COUNTY, NEW MEXICO

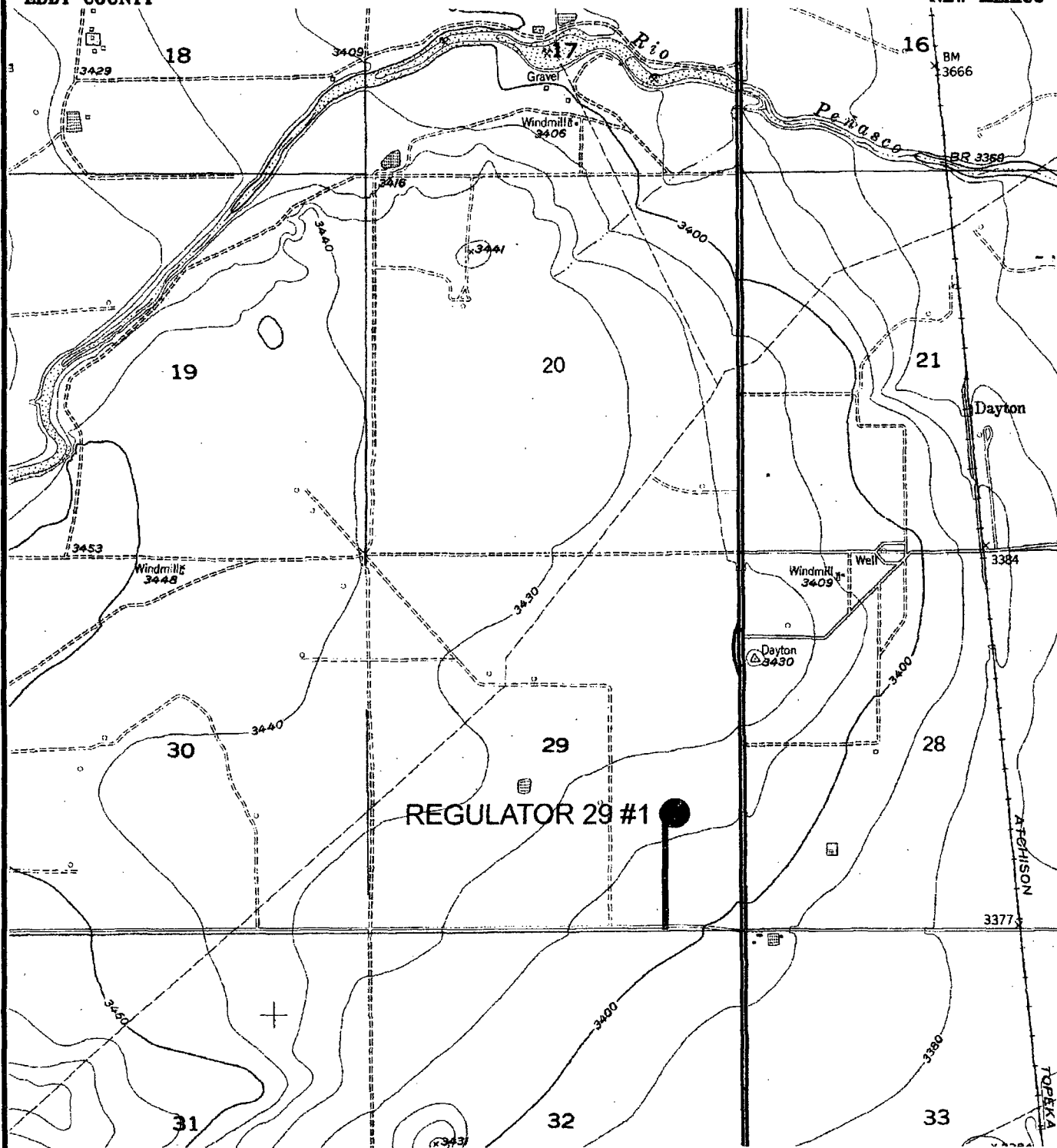
DATE OF SURVEY: 11/28/2012

SHEET 1 of 1 SHEETS

# SECTION 29, TOWNSHIP 18 SOUTH, RANGE 26 EAST, N.M.P.M.

EDDY COUNTY

NEW MEXICO



## RAINS SURVEYING COMPANY

PROFESSIONAL LAND SURVEYING SERVICES • EST. 1996  
P.O. BOX 1474 • ROSWELL • NEW MEXICO • (575)622-8411

**NADEL & GUSSMAN HEYCO**

REF: REGULATOR 29 #1 - LOCATION MAP

REGULATOR 29 #1

LOCATED 1650' FROM THE SOUTH LINE AND  
990' FROM THE EAST LINE OF SECTION 29  
TOWNSHIP 18 SOUTH, RANGE 26 EAST, N.M.P.M.  
EDDY COUNTY, NEW MEXICO

DATE OF SURVEY: 11/28/2012

SCALE: 1" = 2000'±

**WELLS INSIDE AREA REVIEW OF Regulator 29 #1 SV** 11/5/2012**\*\* 1 well inside area of review penetrates the Devonian Formation**

Well	Type	Date drill	Location	Depth	Surface CSG	Production CSG	Completion	Status
Ralph Nix #1	Vertical Gas Well	2/26/1959	T-18-S, R-26-E 1980' FSL, 1980' FEL UL I, Eddy Co. NM	10,190'	1501' 9-5/8" cmt circulated	9218' 7" casing cmt circulated	Morrow 9,070' - 9,115'	Plugged see diagram

# Nadel & Gussman HEYCO, LLC

LEASE: Ralph Nix  
FIELD: Atoka Penn  
LOCATION: 1980' FSL and 1980' FEL  
SPUD DATE: 5/26/1959  
CONTRACTOR: Delta Drilling

WELL NO.: 1  
COUNTY: Eddy  
LEGAL: Sec. 29, T18S, R26E  
DRAWN BY: Jason Goss  
DATE: 1/4/2013

API #: 30-015-00256  
STATE: New Mexico  
GL: 3416'  
DF: 3433'  
KB: 17'

## Ralph Nix #1

Hole Size  
Csg Design

Depth, RKB

CSG Cement

CMT Plugs

Surface Plug 14 Sx class C 0 - 40ft

12.25" hole

9-5/8", 32.3 #  
34 jts  
to 1501'

TOC 510' CBL run in 1998

Surface Casing Cement  
Pumped 850 sx, 1" w/ 200sx, circulated cmt

1,507'

25 Sacks Class C at 1,574' tagged at 1,445'

25 Sacks Class C at 2,393' - 2,243'

DV Tool at 2938'

25 sacks at 4,030 - 3,880'

squeeze 300 sacks into perms  
1986: 6460'-5920'

20 sacks class C at 6,300' - 6,180'

Wolfcamp perms 1986: 6349-58'

20 sacks on top of CIPB 8,453'- 8,332'

8-3/4" hole  
to 10,190'

CIPB set at 8,453'

Stuck Packer @ 8,906'

30 sacks cement on top of packer

Morrow Perfs 1959: 9070'-9115'

7" Casing @ 9,218'

Production casing Cement  
1st stage 470 Sacks, 2nd Stage 450 sacks

75 sack plug 9,320-9,600' 09-28-59

9905' Top of Devonian

75 sack plug 9,950'-10,190' 09-28-59

TD @ 10,190'

## NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE OCC

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company <b>The Ohio Oil Company</b>		Address <b>1959 OCT 9 PM 2:41</b> <b>P.O. Box 2107, Hobbs, New Mexico</b>				
Lease <b>Ralph Mix</b>	Well No. <b>1</b>	Unit Letter <b>J</b>	Section <b>29</b>	Township <b>18 S</b>	Range <b>26 E</b>	
Date Work Performed <b>9-28-59</b>	Pool <b>Indesignated</b>	County <b>Eddy</b>				

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☒ Casing Test and Cement Job ☐ Other (Explain):  
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Drilled 8 3/4 hole to 10,190' TD. Set cement plug 9950-10,190' with 75 sacks 3% gel. and 9320-9600 with 75 sacks 3% gel. Ran 221 jts. 7" O.D. casing set at 9218' with HOWCO BV tool at 2938'. Cemented first stage with 470 sacks Trinity Inferno with 4% gel and 1/2# Flocele per sack. Cemented second stage with 450 sacks Trinity Inferno with 4% gel. Ran temp. survey and found top of cement at 500' from surface. Tested 7" casing with 3800# for 30 min., held OK.

Witnessed by <b>D. E. Morris</b>		Position <b>Asst. Supt.</b>		Company <b>The Ohio Oil Company</b>		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY						
ORIGINAL WELL DATA						
D F Elev.	T D	P B T D		Producing Interval	Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter	Oil String Depth	
Perforated Interval(s)						
Open Hole Interval			Producing Formation(s)			
RESULTS OF WORKOVER						
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.		
Approved by <b>W. A. Gressett</b>				Name <b>D. E. MORRIS</b>		
Title <b>OIL AND GAS INSPECTOR</b>				Position <b>Asst. Supt.</b>		
Date <b>OCT 16 1959</b>				Company <b>The Ohio Oil Company</b>		



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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RECEIVED  
1000 FEB  
WELL 00100 ARTESIA  
30-015-00256

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.  
004378

7. Lease Name or Unit Agreement Name  
Ralph Nix

8. Well No.  
1

9. Pool name or Wildcat  
Atoka (Penn)

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. Type of Well:  
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator  
Chi Operating, Inc.

3. Address of Operator  
212 North Main; Midland, TX 79701

4. Well Location  
Unit Letter J : 1980 Feet From The South Line and 1980 Feet From The East Line  
Section 29 Township 18S Range 26E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
G.L. = 3416

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 ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input 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.

01-27-98 - MIRU.

01-28-98 - Notified OCD. Unable to recover production packer. Pumped 30 sx C cmt on top of packer @ 8906', no tag. POOH w/ tbg.

01-29-98 - Set 7" CIBP @ 8453', tagged. Circulated mud and pumped 20 sx C cmt 8453-8332'. RIH w/ 7" CIBP and set @ 6300', tagged. Circulated hole w/ mud.

01-30-98 - Notified OCD. Continued circulating hole. Pumped 20 sx C cmt 6300-6180'.

02-02-98 - Contacted Ken Livingston w/ OCD. RIH w/ CBL tool, TOC @ 510'. Loaded hole w/ mud and pumped 25 sx 4030-3880'. Pumped 25 sx C cmt 2393-2243'. Pumped 25 sx C cmt w/ CaCl<sub>2</sub> @ 1574'. WOC and tagged @ 1445'. Pumped 15 sx C cmt 40'-surface. RDMO.

02-06-98 - Cut off wellhead, capped well, installed dry hole marker.

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

SIGNATURE John W. Wolf TITLE Engineer DATE 2/6/98  
TYPE OR PRINT NAME JOHN W. WOLF TELEPHONE NO. 915-685-5001

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION

P. O. BOX 2088

RECEIVED BY NEW MEXICO 87501

JUN 18 1986

O. C. D.

Form C-103  
Revised 10-1

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Marathon Oil Company	8. Farm or Lease Name Ralph Nix
3. Address of Operator P. O. Box 552, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>J</u> 1980 FEET FROM THE <u>South</u> LINE AND 1980 FEET FROM THE <u>East</u> LINE, SECTION <u>29</u> TOWNSHIP <u>18S</u> RANGE <u>26E</u> NMPM.	10. Field and Pool, or Wildcat Atoka-Wolfcamp
15. Elevation (Show whether DF, RT, GR, etc.) GR 3416' KB 3433'	12. County Eddy

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 ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
		OTHER <u>Recompletion</u>	

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.

PURPOSE: RECOMPLETE IN THE WOLFCAMP

On June 6, 1986 a CIBP was set at 8980' to abandon the Bend Sand perforations from 9070-9115'. A GR-CBL-CCL was run from 5000-7000' and it showed no cement bond over this interval. The 7" casing was perforated at 6460' and 5920' with 4 JSPF. A cement retainer was set at 6420'.

On June 10, 300 sacks of Class "H" cement was pumped into the interval from 6460-5920'. The 7" casing was then cleaned out to the retainer at 6420' and another GR-CBL-CCL run from 6420-5500'. The cement bond was slightly improved from the first log.

On June 12 the Wolfcamp formation was perforated at 6349-58', 75-77', 90-99' with 1 JSPF (23 holes). This zone was then treated with 3000 gallons 15% HCl. This formation is now being tested.

Post ID-2  
12-5-86  
P+H Atoka-Penn

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

SIGNED [Signature] TITLE Production Engineer DATE June 16, 1986

Original Signed By  
Les A. Clements

APPROVED BY [Signature] TITLE Supervisor District 11 DATE NOV 26 1986

CONDITIONS OF APPROVAL, IF ANY:

see attached letter



- Home
- Products & Data
- Well Data
- NT/PT/Well head
- Water Data
- Projects
- Software
- Archive
- Other Links
- Help

#### North American Oil and Gas News

Pinecrest Energy announces termination of arrangement agreement and receipt of break fee

Bellatrix exceeds exit guidance, averaging 19,600 boepd during November 2012

Aroway Energy begins drilling oil wells at Kirkpatrick Lake

Mart Resources provides November 2012 operational update and December production disruptions

Source: Oil Voice

<b>NM WAIDS</b>
<b>Data</b>
Produced Water
Ground Water
Conversion Tools
<b>Scale</b>
Scale details
Stiff
Oddo
Probable Mineral Composition mix
<b>Corrosion</b>
<b>Theory</b>
Uniform
Galvanic
Crevice
Hydrogen Damage
EIC
Erosion
<b>Equipment</b>
Artificial
Casing and Tubing
Surface
Enhanced
<b>Gases</b>
O2
CO2
H2S
Microbes
Prevention
References
<b>Maps</b>
<b>Trend Maps</b>
GW
Ground_Water_Samples_for_TOWNSH

General Information About: Sample 27478			
Section/ Township/Range	27 / 18S / 26E	Lat/Long	32.7182/-104.3702
Elevation	3352	Depth	744
Date Collected	9/2/1969 12:00:00 AM	Chlorides	17
Collector / Point of Collection	SEO/DP	Use	Irrigation Water
Formation	GBG	TDS	0



Catalyst Oilfield Services  
11999 E Hwy 158  
Gardendale, TX 79758  
(432) 563-0727  
Fax: (432) 224-1038

## Water Analysis Report

Customer: NADEL AND GUSSMAN HEYCO LLC Sample #: 9316  
Area: Maljamar Analysis ID #: 11028  
Lease: Rock Island 16  
Location: ST #1H 0  
Sample Point: Wellhead

T-1BS, R-26-E  
Section 16

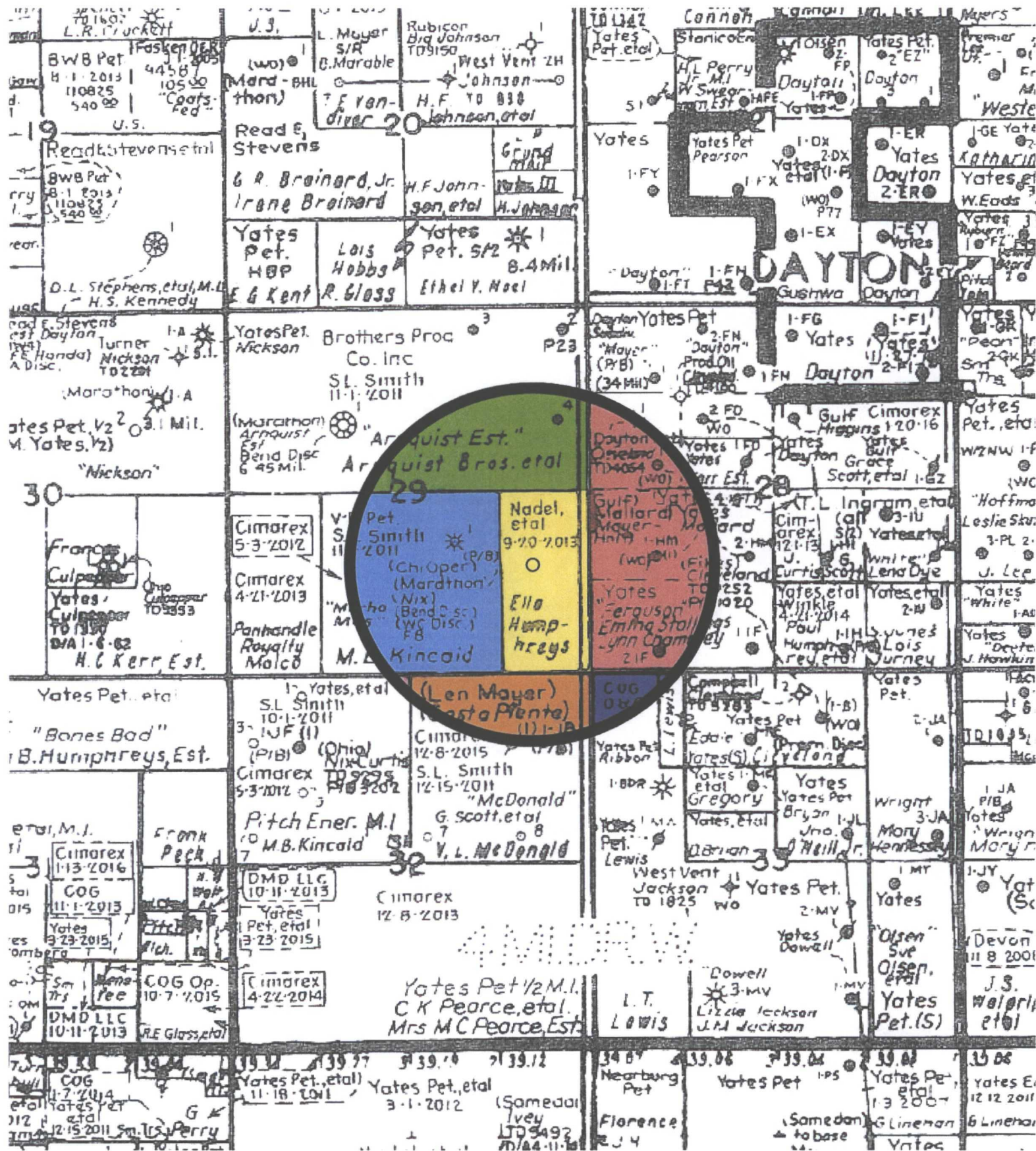
yeso water

		Anions		mg/l	meq/l	Cations		mg/l	meq/l
Sampling Date:	8/2/2012	Chloride:		97335.3	2745.47	Sodium:		44820.0	1949.56
Analysis Date:	8/8/2012	Bicarbonate:		219.0	3.59	Magnesium:		2398.0	197.27
Analyst:	Catalyst	Carbonate:				Calcium:		11800.0	588.82
TDS (mg/l or g/m3):	159054.5	Sulfate:		1060.0	22.07	Potassium:		1183.0	30.25
Density (g/cm3):	1.111					Strontium:		239.2	5.46
						Barium:		0.0	0.
Hydrogen Sulfide:	17					Iron:		0.0	0.
Carbon Dioxide:	40					Manganese:		0.000	0.
Comments:		pH at time of sampling:			6.3				
		pH at time of analysis:							
		pH used in Calculation:			6.3				
		Temperature @ lab conditions (F):			75	Conductivity (micro-ohms/cm):		188200	
						Resistivity (ohm meter):		.0531	

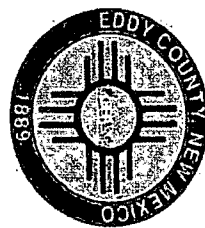
### Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.34	11.41	-0.02	0.00	-0.02	0.00	0.00	1.50	0.00	0.00
100	0.42	14.42	-0.08	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00
120	0.51	17.42	-0.12	0.00	0.03	28.23	-0.01	0.00	0.00	0.00
140	0.60	20.42	-0.15	0.00	0.09	82.89	-0.01	0.00	0.00	0.00
160	0.69	23.73	-0.18	0.00	0.16	145.36	0.01	2.10	0.00	0.00
180	0.79	26.73	-0.20	0.00	0.26	208.13	0.03	7.81	0.00	0.00
200	0.90	30.03	-0.21	0.00	0.36	265.19	0.05	14.42	0.00	0.00
220	1.00	33.04	-0.22	0.00	0.48	314.14	0.08	21.32	0.00	0.00



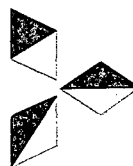


- Legacy Reserve Operating
- Nadel and Gussman Permian
- Yates Petroleum
- Cimarex, V-F Petroleum
- Cimarex
- COG, Yates Petroleum
- Yates Petroleum, Cimarex, Pitch Energy



# Assessor Lookup Main County Web Site

Surface Ownership



- Search by
- Owner #
- Owner Name
- Mailing Zip Code
- Property Code
- Physical Address
- Subdivision
- Metes
- Assessor Map
- Lookup

## Owner Information

Owner # 254060 District 160  
NELSON, CLIFFORD  
PO BOX 1462  
DILLON MT 59725

## Recap Value Information

Central Full Value	0	Full Value	180
Land Full Value	180	Taxable Value	60
Improvements Full value	0	Exempt Value	0
Personal Property Full Value	0	Net Value	60
Manufactured Home Full Value	0		
Livestock Full Value	0		

## Property Information

Property Code 4152107462380  
Book 189 Page 383 Reception# 0  
Physical Address 6000 SEVEN RIVERS HWY  
Bldg Apt  
Section 29 Township 18S Range 26E  
E2SE  
MAP# 106-29.1  
LOC OFF 6000 SEVEN RIVERS HWY  
DEED 152-18

## Property Value Information

121	Non-Residential Land	80.00	0.75	180
006	Non-Residential Special	60	0.00	0

Assessor Lookup

011	Non-Residential	Special	60	0.00	0
-----	-----------------	---------	----	------	---

# Sample Letter to all OFFSET OPERATORS ; Surface owner

**NADEL AND GUSSMAN HEYCO, LLC**  
500 N. Main Street, Suite One - P. O. Box 1936  
Roswell, New Mexico 88202-1936  
(575) 623-6601 – Fax (575) 627-2427

January 4, 2013

## **NOTICE**

Yates Petroleum Corporation  
105 S. Fourth Street  
Artesia, New Mexico 88210

Re: **Regulator 29 #1**  
SWD Well

Ladies and Gentlemen:

Nadel and Gussman HEYCO, LLC is applying to drill the Regulator 29 #1 and complete as a Salt Water Disposal well. As required by the New Mexico Oil Conservation Division Rules, we are notifying you of the following proposed water disposal well. This letter is a notice only. No action is needed unless you have questions or objections.

<u>Well:</u>	Regulator 29 #1
<u>Proposed Disposal Zone:</u>	Devonian Formation (from 10,150'-10,250')
<u>Location:</u>	1650' FSL & 990' FEL, Sec. 29, T18S, R26E, Eddy Co., NM
<u>Approximate Location:</u>	1 mile Southwest of Dayton NM
<u>Applicants Name:</u>	Nadel and Gussman HEYCO, LLC
<u>Applicants Address:</u>	500 N. Main Street, Suite 1, Roswell, New Mexico 88201

This application for water disposal well will be filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. And their phone number is 505/476-3440.

Please call me if you have any questions at 432/682-4429.

Sincerely,

Jason Goss



## REGULATOR 29 SWD #1 - NOTIFICATION LIST

### NOTIFICATION LIST:

### Date Notice Received

#### **SURFACE OWNER:**

Clifford Nelson

1/14/2013

#### **OFFSET LEASE OPERATOR:**

Legacy Reserve Operating

Received

Cimarex

Received

V-F Petroleum

1/14/2013

Yates Petroleum

1/11/2013

COG operating

1/13/2013

Pitch Energy

1/11/2013

El Paso Times  
Las Cruces Sun-News  
Alamogordo Daily News  
Ruidoso News

Farmington Daily Times  
Carlsbad Current Argus  
Deming Headlight  
Silver City Sun-News

## Payment Receipt

**Thursday, January 10, 2013**

Transaction Type: **Payment**

Ad Number: **0000768947**

Apply to Current Order: **Yes**

Payment Method: **Credit Card**

Bad Debt: **-**

Credit Card Number: **XXXXXXXXXXXX2912 - Visa**

Payment Amount: **\$136.01**

Amount Due: **\$0.00**

Reference Number:

Charge to Company: **El Paso**

Category: **Classified**

Credit to Transaction Number:

Invoice Text:

Invoice Notes:

Customer Type: **Trans Business**

Customer Category: **7099 Other**

Customer Status: **Active**

Customer Group: **Classified**

Customer Trade:

Account Number: **105734**

Phone Number: **4326824429**

Company / Individual: **Company**

Customer Name: **NADEL AND GUSSMAN HEYCOENERGY**

Customer Address: **601 N. MARIENFELD, SUITE #508**

**MIDLAND, TX 79701 USA**

Check Number:

Routing Number:



CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

02/03/13 13:02:14  
OGOWVJ -TQK3  
PAGE NO: 2

Sec : 29 Twp : 18S Rng : 26E Section Type : NORMAL

L 40.00  Fee owned A A	K 40.00  Fee owned A A	J 40.00  Fee owned A A A	I 40.00  Fee owned A
M 40.00  Fee owned A A	N 40.00  Fee owned A A	O 40.00  Fee owned A A	P 40.00  Fee owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

**Jones, William V., EMNRD**

---

**From:** Jones, William V., EMNRD  
**Sent:** Sunday, February 03, 2013 1:13 PM  
**To:** jgoss@naguss.com  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD; Dade, Randy, EMNRD  
**Subject:** Disposal application from Nadel and Gussman Heyco, LLC: proposed Regulator 29 SWD #1 30-015-41034 I/29/18S/26E/Eddy Devonian Open Hole

Hello Jason,  
Very good job on this application, thank you!

Would you affirm that all affected parties were noticed with a complete copy of the application? ✓

Would you please send to me a wellbore diagram of the proposed disposal well as it will be equipped and disposing – with casing/cement/tubing/etc?

Include also on this diagram the estimated formation tops: Miss, Woodford, Devonian, Silurian (bracketing the disposal interval).

Since this is a proposed well and actual depths may be a bit different, after the well is drilled and completed, would you please send a cover letter and another diagram of the well with ACTUAL completed depths and formation tops and we will amend the disposal permit to keep our records correct.

Thank You,

William V. Jones, P.E.  
505-476-3448W 505-476-3462F  
Engineering Bureau, Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## Jones, William V., EMNRD

---

**From:** Jason Goss <jgoss@naguss.com>  
**Sent:** Monday, February 04, 2013 9:15 AM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: Disposal application from Nadel and Gussman Heyco, LLC: proposed Regulator 29 SWD #1 30-015-41034 I/29/18S/26E/Eddy Devonian Open Hole

Mr. Jones,

Thanks! I will be sending the wellbore diagram shortly with all zone tops included.

Yes, all parties listed on the ownership map and the Surface Owner were sent copies of the SWD permit.

Thanks again, let me know if you need anything else! JSG

---

**From:** Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]  
**Sent:** Sunday, February 03, 2013 2:13 PM  
**To:** Jason Goss  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD; Dade, Randy, EMNRD  
**Subject:** Disposal application from Nadel and Gussman Heyco, LLC: proposed Regulator 29 SWD #1 30-015-41034 I/29/18S/26E/Eddy Devonian Open Hole

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Thank You,

William V. Jones, P.E.  
505-476-3448W 505-476-3462F  
Engineering Bureau, Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## Jones, William V., EMNRD

---

**From:** Jason Goss <jgoss@naguss.com>  
**Sent:** Monday, February 04, 2013 12:39 PM  
**To:** Jones, William V., EMNRD  
**Subject:** RE: Disposal application from Nadel and Gussman Heyco, LLC: proposed Regulator 29 SWD #1 30-015-41034 I/29/18S/26E/Eddy Devonian Open Hole  
**Attachments:** Regulator 29 SWD #1 - Proposed.pdf

Mr. Jones,

Attached is the wellbore diagram as proposed with estimated zone tops. I will also send a final (as Drilled) wellbore diagram as requested below following drilling the well.

Thanks!! JSG

---

**From:** Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]  
**Sent:** Sunday, February 03, 2013 2:13 PM  
**To:** Jason Goss  
**Cc:** Ezeanyim, Richard, EMNRD; Shapard, Craig, EMNRD; Dade, Randy, EMNRD  
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Thank You,

William V. Jones, P.E.  
505-476-3448W 505-476-3462F  
Engineering Bureau, Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

## CERTIFIED MAIL™ RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information, visit our website at [www.usps.com](http://www.usps.com)

OFFICIAL USE

Postage	\$ 1.25
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.55

Postmark  
Here

Sent To  
Legacy Reserve operating  
Street, Apt. No.,  
or PO Box No. P.O. Box 10848  
City, State, ZIP+4  
Midland, TX 79702

PS Form 3800, August 2006 See Reverse for Instructions  
Transfer from Service label

## SECTION ON DELIVERY

Printed Name) *Chiller* ☐ Agent  
Address) *Chiller* ☒ Addressee  
C. Date of Delivery  
ess different from item ☒ Yes  
elivery address below: ☐ No

ail: ☐ Express Mail  
☒ Return Receipt for Merchandise  
il: ☐ C.O.D.  
very? (Extra Fee) ☐ Yes

5084 0955



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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.25
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.55

Postmark  
Here

Sent To **COG Operating, LLC**  
Street, Apt. No.,  
or PO Box No. **600 W. Illinois Ave.**  
City, State, ZIP+4 **Midland TX 79701**

PS Form 3800, August 2006

See Reverse for Instructions

**SECTION ON DELIVERY**

☐ Agent  
☐ Addressee  
Printed Name **[Signature]** Date of Delivery **8/13/13**  
Address different from item 1? ☐ Yes  
Delivery address below: ☐ No

Mail ☐ Express Mail  
☒ Return Receipt for Merchandise  
C.O.D. ☐ Yes  
Delivery? (Extra Fee) ☐ Yes

5084 0979

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.25
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.55

Postmark  
Here

Sent To **Clifford Nelson**  
Street, Apt. No.,  
or PO Box No. **P.O. Box 1462**  
City, State, ZIP+4 **Dillon, MT 59725**

PS Form 3800, August 2006

See Reverse for Instructions

**SECTION ON DELIVERY**

☐ Agent  
☐ Addressee  
Printed Name **[Signature]** Date of Delivery **1/14/13**  
Address different from item 1? ☐ Yes  
Delivery address below: ☐ No

Mail ☐ Express Mail  
☒ Return Receipt for Merchandise  
C.O.D. ☐ Yes  
Delivery? (Extra Fee) ☐ Yes

84 1013

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.25
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.55

Postmark  
Here

Sent To **Pitch Energy**  
Street, Apt. No.,  
or PO Box No. **P.O. Box 304**  
City, State, ZIP+4 **Artesia, NM 88211**

PS Form 3800, August 2006

See Reverse for Instructions

**SECTION ON DELIVERY**

☐ Agent  
☐ Addressee  
Printed Name **[Signature]** Date of Delivery **1-11-13**  
Address different from item 1? ☐ Yes  
Delivery address below: ☐ No

Mail ☐ Express Mail  
☒ Return Receipt for Merchandise  
C.O.D. ☐ Yes  
Delivery? (Extra Fee) ☐ Yes

84 0986

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540



Injection Permit Checklist: Received 1/11/13 First Email Date: 2/3/13 Final Reply Date: 2/14/13 Final Notice Date: 1/14/13

Issued Permit: Type: WFX/PMX/SWD, Number: 1393 Permit Date \_\_\_\_\_ (Legacy Permit: \_\_\_\_\_)

# Wells 1 Well Name(s): REGULATOR 29 SWD #1

API Num: 30-0 15-41034 Spud Date: 10/1/12 New/Old: N UIC CI II Primacy March 7, 1982

Footages: 1650 FSL/990 FEL Lot \_\_\_\_\_ Unit I Sec 29 Tsp 18S Rge 26E County EDDY

General Location or Pool Area: \_\_\_\_\_

Operator: Nadela Gussman HETCO, LLC Contact: JASON GOSS

OGRID: 258462 RULE 5.9 Compliance (Wells) 5/202 (Finan Assur) OK IS 5.9 OK? OK

Well File Reviewed \_\_\_\_\_ Current Status: approved APD only

Planned Work to Well: Drill / EQP / DISPOSE

Diagrams: Before Conversion \_\_\_\_\_ After Conversion ✓ Are Elogs in Imaging?: Planned

Well Details:	Sizes Hole.....Pipe	Setting Depths	Stage Tool	Cement Sx or Cf	Cement Top and Determination Method
Planned <u>✓</u> or Existing _____ Surface	<u>17 1/2 - 13 3/8</u>	<u>985'</u>	<u>—</u>	<u>900 SX</u>	<u>EIRC</u>
Planned _____ or Existing _____ Intern					
Planned <u>✓</u> or Existing _____ LongSt	<u>8 3/4 - 7</u>	<u>19,100'</u>	<u>5000</u>	<u>1400 SX</u>	
Planned _____ or Existing _____ Liner					
Planned <u>✓</u> or Existing _____ OpenHole		<u>10100 - 10500'</u>			

Depths/Formations:	Depths, Ft.	Formation	Tops?
Above	<u>9885</u>	<u>WOODFORD</u>	<u>✓</u>
Above	<u>9905</u>	<u>Fusellum</u>	<u>✓</u>
Proposed Interval TOP:	<u>10100</u>	<u>DEV Fusellum</u>	
Proposed Interval BOTTOM:	<u>102500</u>	<u>Montana</u>	
Below	<u>10400</u>	<u>Montana</u>	<u>✓</u>
Below			

Max. PSI <u>2020</u>	Open Hole <u>✓</u>	Perfs _____
Tubing Size <u>3 1/2</u>	Packer Depth _____	

Capitan Reef? (in \_\_\_\_\_) Potash? \_\_\_\_\_ Noticed? \_\_\_\_\_ (WIPP? \_\_\_\_\_ Noticed? \_\_\_\_\_) Salado Top (None) Bot \_\_\_\_\_ Oil House? \_\_\_\_\_

Fresh Water: MaxDepth: 750' FW Formation G.B.G. Wells? NO Analysis? \_\_\_\_\_ Affirmative Statement ✓

Disposal Fluid: Formation Source(s) Y20, ETC On Lease \_\_\_\_\_ Only from Operator ✓ or Commercial \_\_\_\_\_

Disposal Interval: Protectable Waters? \_\_\_\_\_ H/C Potential: (will) Log \_\_\_\_\_ Mudlog \_\_\_\_\_ /DST \_\_\_\_\_ /Tested \_\_\_\_\_ /Depleted \_\_\_\_\_ Other Roff NIX 1 T280 DEV

Notice: Newspaper Date 1/12/13 Mineral Owner ✓ Surface Owner CLIFFORD NELSON N. Date 1/14/13

RULE 26.7(A) Identified Tracts? ✓ Affected Persons: YPC / Legacy / Cimarron / V-F / COE / ATCA Date 1/14/13

AOR: Maps? ✓ Well List? ✓ Producing in Interval? NO Formerly Produced in Interval? NO

Penetrating.....No. Active Wells 0 Num Repairs? 0 on which well(s)? \_\_\_\_\_

Penetrating.....No. P&Aed Wells 1 Num Repairs? 0 on which well(s)? \_\_\_\_\_ Diagrams? ✓

Permit Conditions: \_\_\_\_\_

Issues: \_\_\_\_\_

Issues: \_\_\_\_\_

Issues: \_\_\_\_\_