

ABOVE THIS LINE FOR DIVISION USE ONLY

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



*Cravey*

**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 \_\_\_\_\_

*Bradley*  
 2008 JUL 31 PM 2 48  
**RECEIVED**

- [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.

John Cravey  
 Print or Type Name

*[Signature]*  
 Signature

Owner  
 Title

7/25/08  
 Date

ircpetroleum@cebridge.net  
 e-mail Address  
neostone\_consultant@excite.com (agent)

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: ***Salt Water Disposal*** and the application *qualifies* for administrative approval.
- II. OPERATOR: ***John Cravey dba JRC Petroleum***  
ADDRESS: ***P.O. Box 447, 20 Winding Way, Pecos, Texas 79772***  
CONTACT PARTY: ***John Cravey (432) 445-9331***  
***Agent: SOS Consulting, LLC - Ben Stone (903) 488-9850***
- III. WELL DATA: All well data and wellbore diagrams are attached hereto.
- IV. ***This is not an expansion of an existing project however, the well had previously been approved for salt water disposal, OCD Order No.R-5348 (attached hereto) which was revoked 7/3/01 due to non-injection for a period of greater than one year by the former operator.***
- V. ***A map is attached*** 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. ***A tabulation is attached*** of data on all wells of public record within the area of review which penetrate the proposed injection zone. ***The data includes*** 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. ***The following data is attached*** 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. ***Appropriate geologic data on the injection zone is attached*** 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. ***No stimulation program is proposed at this time.***
- \*X. ***There is no applicable logging and test data on the well however, any previous well logs have been filed with the Division and they need not be resubmitted.***
- \*XI. ***There are no fresh water wells within one mile the proposed salt water disposal well.***
- XII. ***An affirmative statement is attached that available geologic and engineering data has been examined and no evidence was found*** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. ***"Proof of Notice" section on the next page of this form has been completed.***

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: ***John Cravey*** TITLE: ***Owner, JRC Petroleum***

SIGNATURE: \_\_\_\_\_

DATE: ***7-05-08***

E-MAIL ADDRESS: ***jrcpetroleum@cebridge.net - Agent: SOS Consulting, LLC: neostone\_consultant@excite.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 – *The following information and data is included:*

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 *pursuant to the following criteria is attached.*

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.**

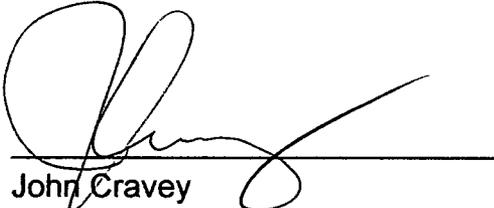
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**NOTICE:** Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

## C-108 APPLICATION OVERVIEW STATEMENT

Pursuant to the request of the New Mexico Oil Conservation Division engineering and legal staff, I hereby certify that the following conditions are true to the best of my knowledge.

- 1) JRC Petroleum will by way of an Agreed Compliance Order, be in compliance with OCD Rule 40. Approval of this SWD application will enable three Bradley Federal producing wells to return to active status.
- 2) JRC Petroleum requests an initial injection pressure of 640 psi pursuant to the permitted pressure on the well prior to termination of injection operations. The requested injection pressure was and is based on a previously conducted step rate test which is included as part of this application.
- 3) SOS Consulting, LLC prepared this application and is available if additional information is required. SOS has no further involvement other than in a consulting / agent capacity for this application.

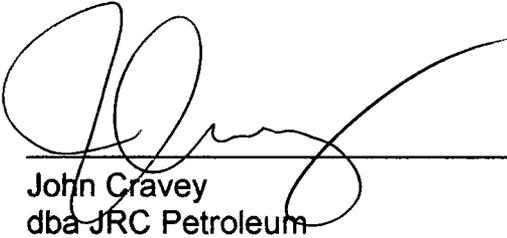


John Cravey  
dba JRC Petroleum

**C-108 ITEM XII – GEOLOGIC AFFIRMATION**

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.

Further, prior reviews of such data determined the same results.



John Cravey  
dba JRC Petroleum

**C-108 - ITEM VII.5  
(Delaware Water Analysis)**

SAMPLE NO. \_\_\_\_\_

**THE WESTERN COMPANY  
Service Laboratory**

**WATER ANALYSIS**

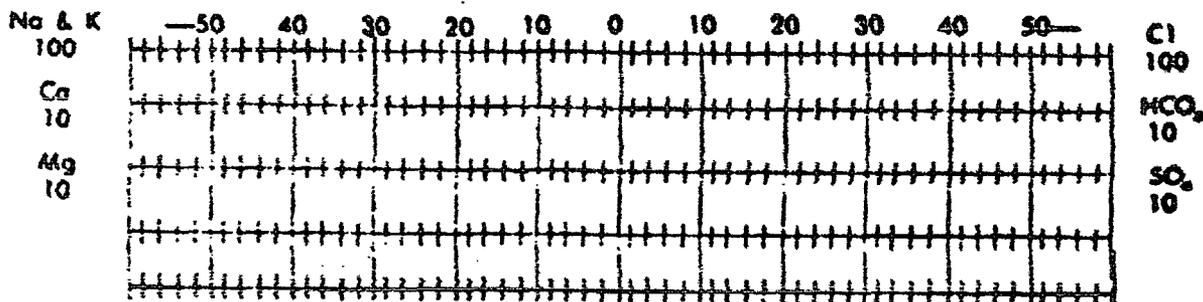
Operator	Thornton Hopper	Date Sampled	3-7-69
Well	Bradley Federal	Date Received	3-11-69
Field	Black River	Submitted by	Kermit District
Formation	Delaware	Worked by	Jones
Depth	1850'	Other Description	Pit Sample
County	Eddy, N. M.		

**CHEMICAL DETERMINATIONS**

Density	1.150 @ 70° F	pH	8.6
Iron	No Trace	Hydrogen Sulfide	Very Strong Trace
Sodium and Potassium	77,200 ppm	Bicarbonate	573 ppm
Calcium	3,100 ppm	Sulfate	3,400 ppm
Magnesium	630 ppm	Phosphate	ppm
Chloride	123,600 ppm	as Sodium Chloride	ppm

Remarks:

for Stiff type plot (in meq./l.)





STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

TONY ANAYA  
GOVERNOR

November 12, 1986

POST OFFICE BOX 2086  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Thornton Hopper  
P. O. Box 953  
Midland, Texas 79702

Re: Injection Pressure Increase  
Bradley Federal No. 6 Well  
Eddy County, New Mexico

Dear Sir:

Reference is made to your request of October 29, 1986 to increase the surface injection pressure on your Bradley Federal No. 6 Well. This request is based on a step rate test conducted on the well on September 11, 1986. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on this well is justified at this time.

You are therefore authorized to increase your surface injection pressure on the following well:

<u>Well &amp; Location</u>	<u>Maximum Injection Surface Pressure</u>
Bradley Federal Well No. 6 1650 FSL & 990 FEL, Sec. 11 T-24 South, R-26 East, NMPM Eddy County, New Mexico.	640 PSIG

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or it is endangering any fresh water aquifers.

Sincerely,

R. L. STAMETS  
Director

RLS/DRC/et

cc: Oil Conservation Division - Artesia

REC'D BY  
 B & D WELLS TESTERS  
 OCT 27 1986 Step Rate Test  
 O. C. D.  
 OFFICE

Phone (505) 397-3914

Hobbs, New Mexico 88240

Company Bornton Hopper Test Date 9-11-86 Unit Bradley Federal  
 Total Depth 2000' Plug Back TD            Elevation            Well # 6  
 Csg size 7 Wt d Set at            Perfs: From            To WT I Sec 11 Twp-Btk 24 Rge 26  
 Tbg size            Wt d Set at            Perfs: From            To            County Eddy State New Mexico  
 Producing thru            Packer set at            Co. Rep           

Time of Reading	Elap Time Hrs.	Well Information					Remarks
		Rate BBLS Per Day	Total BBLS Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP	
10:55	S.I.			Vac.			
11:00	Start			Vac.			
11:05		50		0			
11:10		50		50			
11:15	:15	50		65			
11:20		100		460			
11:25		100		630			
11:30	:30	100		640			
11:35		150		705			
11:40		150		730			
11:45	:45	150		745			
11:50		200		770			
11:55		200		785			
12:00	1:00	200		810			
12:05		250		820			
12:10		250		845			
12:15	1:15	250		865			
12:20		300		865			
12:25		300		850			
12:30	1:30	300		830			End Test

Thornton Hopper

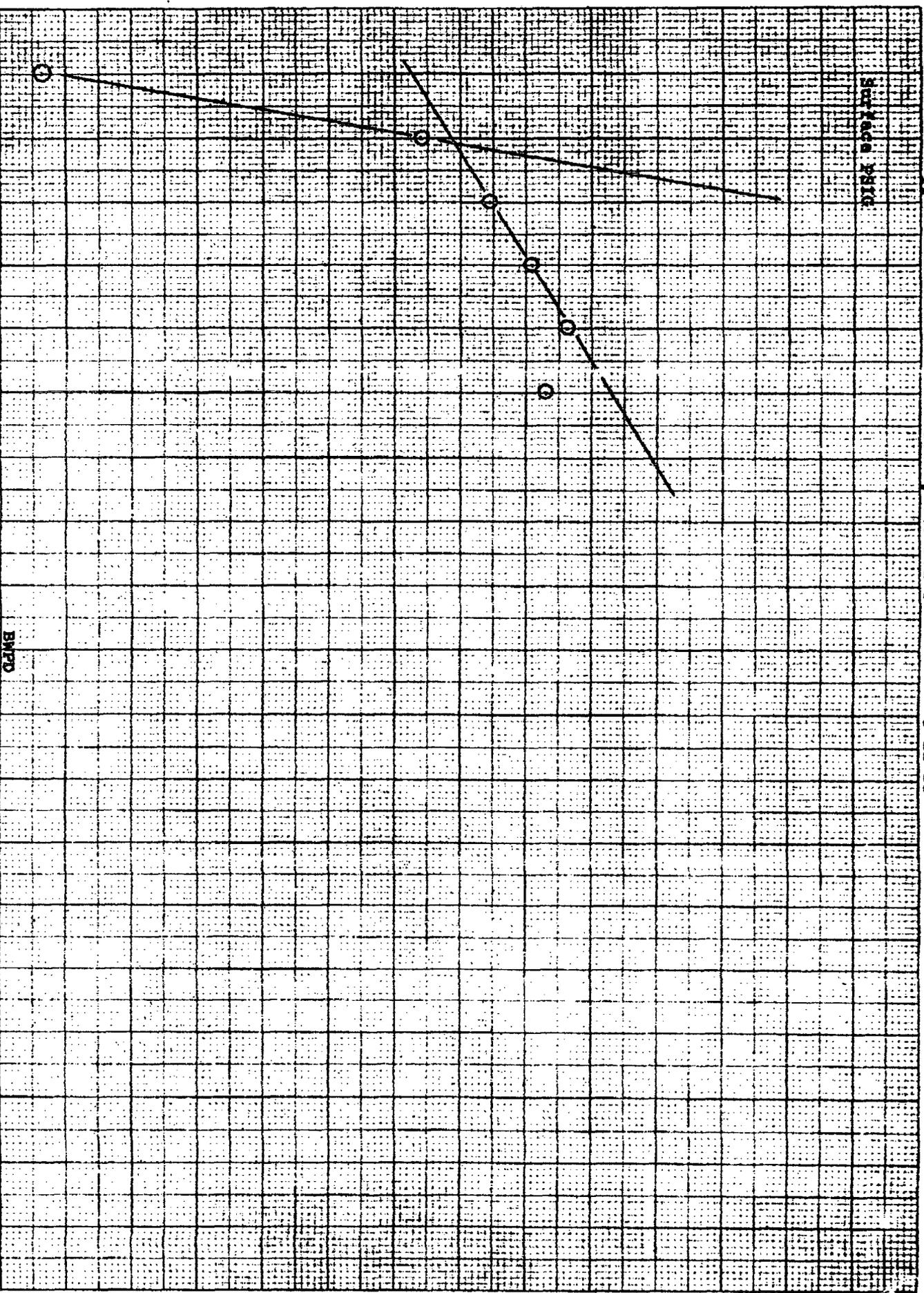
Bardley Federal #6

9-11-86

Surface Wind

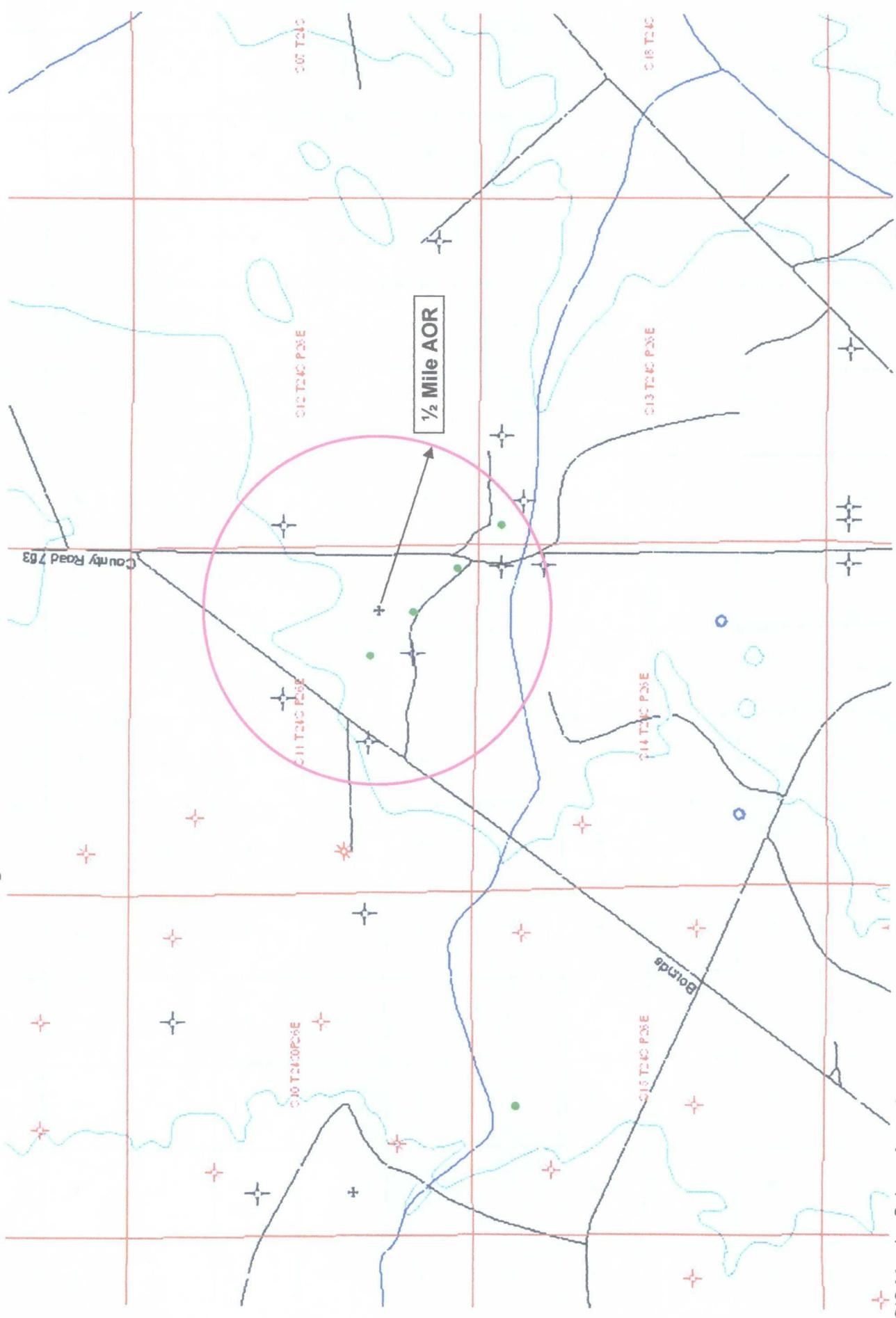
1300  
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BMFD

# Bradley Federal No.6 – Area of Review

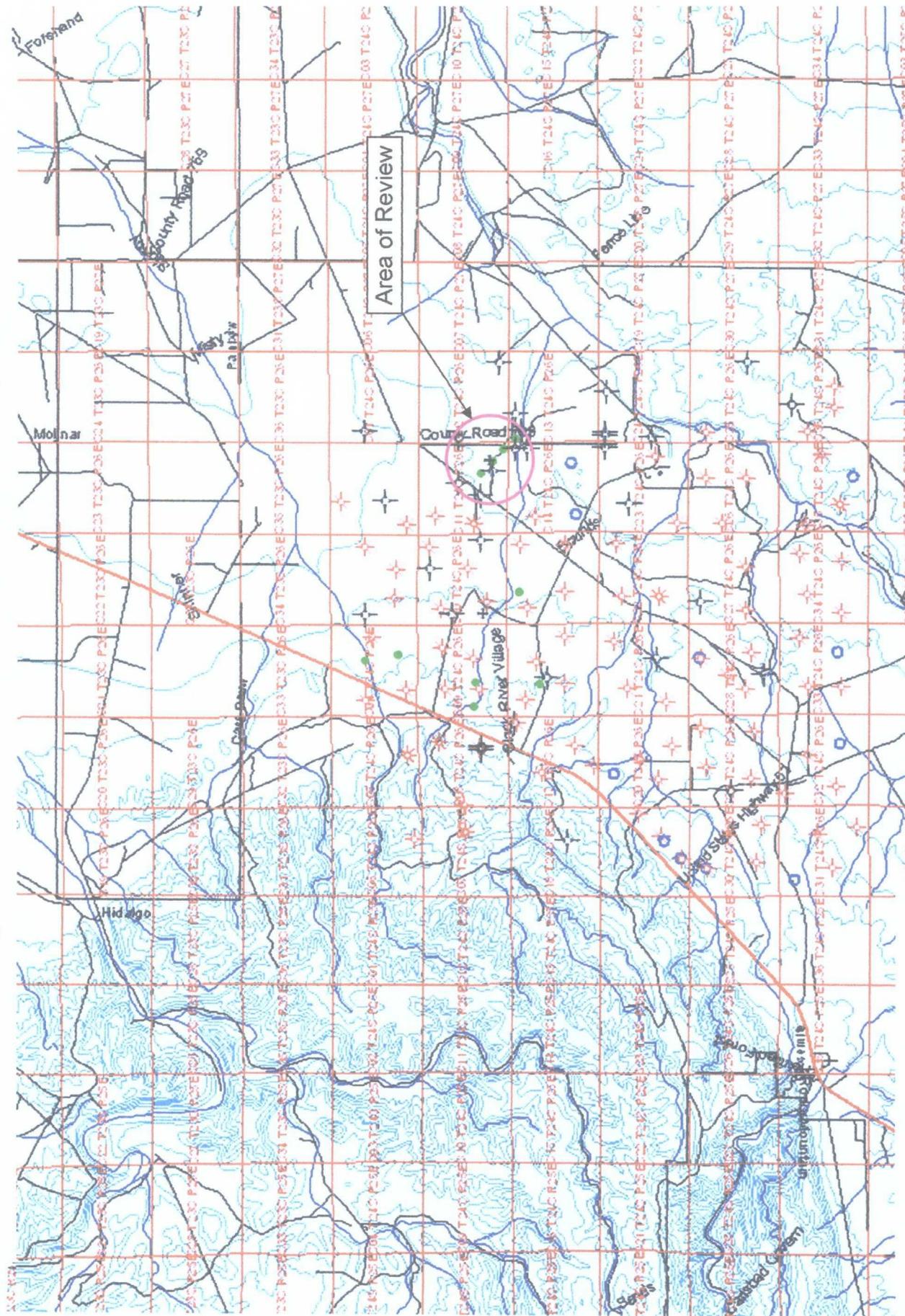


Well spots generated from RBDMS database with most current recordset provided by NMT Octane AllWells.mdb



GIS Map by Sylvan Ascent  
Drawn 7/9/08  
Drawn by Ben Stone, SOS Consulting, LLC  
For JRC Petroleum, Pecos, Texas

# Subject Area – South of Carlsbad, NM



GIS Map by Sylvan Ascent  
Drawn 7/19/08  
Drawn by Ben Stone, SOS Consulting, LLC  
For JRC Petroleum, Pecos, Texas



Well spots generated from  
RDBMS database with most  
current recordset provided by  
NMT Octane AllWells.mdb



# Bradley Federal No.6 - Area of Review Well Data



**BRADLEY FEDERAL 001 No.001**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003910000	001	O	A	JOHN CRAVEY DBA JRC P	13	24 S	26 E	32.22370932	-104.254058
<i>Pipe, Borehole &amp; Cement Data:</i>									
		HOLI	8	0	1967				
		PROD	7	0	1948	50		1948	1287

*BLACK RIVER No. 1  
BEAVER*

**BRADLEY FEDERAL 002 No.002**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003870000	002	O	A	JOHN CRAVEY DBA JRC P	11	24 S	26 E	32.22555522	-104.256227
<i>Pipe, Borehole &amp; Cement Data:</i>									
		HOLI	8	0	1996				
		PROD	7	0	1970	50		1970	1309

*INACTIVE*

**BRADLEY FEDERAL 003 No.003**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003950000	003	O	P	PRE-ONGARD WELL OPER	14	24 S	26 E	32.22192505	-104.256181
<i>Pipe, Borehole &amp; Cement Data:</i>									
		HOLI	8	0	1967				
		PROD	7	0	1950	50		1950	1289

**BRADLEY FEDERAL 005 No.005**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003820000	005	O	A	JOHN CRAVEY DBA JRC P	11	24 S	26 E	32.22741356	-104.258398
<i>Pipe, Borehole &amp; Cement Data:</i>									
		HOLI	8	0	1972				
		PROD	7	0	1936	50		1936	1275

*INACTIVE*

**BRADLEY FEDERAL 006 No.006**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003860000	006	S	A	JOHN CRAVEY DBA JRC P	11	24 S	26 E	32.2292287	-104.258424

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	8	0	1987			
PROD	7	0	1987	50	1987	1316
HOL2	4.5	1987	2100			

**BRADLEY FEDERAL 007 No.007**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003850000	007	O	P	PRE-ONGARD WELL OPER	11	24 S	26 E	32.2274567	-104.260544

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	8	0	1955			
PROD	7	0	1920	50	1920	1259

**BRADLEY FEDERAL 008 No.008**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003830000	008	O	A	JOHN CRAVEY DBA JRC P	11	24 S	26 E	32.22927184	-104.260569

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	8	0	1975			
PROD	7	0	1965	50	1965	1304

*INACTIVE*

**BRADLEY FEDERAL 009 No.009**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003840000	009	O	P	PRE-ONGARD WELL OPER	11	24 S	26 E	32.22935899	-104.264907

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	8	0	2000			
PROD	7	0	1980	50	1990	1329

**CHAYTOR PERMIT 001 No.001**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003940000	001	O	P	PRE-ONGARD WELL OPER	14	24 S	26 E	32.22374011	-104.256203

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	7.25	0	1980			
PROD	5.5	0	1967	100	1967	845

**FEDERAL D 006 No.001**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003880000	001	O	P	PRE-ONGARD WELL OPER	11	24 S	26 E	32.23293355	-104.262766

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	12.25	0	200			
SURF	8.625	0	200	200	200	0
HOL2	7.875	0	2100			
PROD	5.5	0	2100	175	2100	900

**WRIGHT No.001**

API Number	Well No.	Well Type	Status	Operator	Sec	Twp	Rng	Latitude	Longitude
30015003330000	001	O	P	PRE-ONGARD WELL OPER	12	24 S	26 E	32.23286123	-104.254185

**Pipe, Borehole & Cement Data:**

	Diameter	Top of String	Bot. of String	Sx Cmt.	Bot. of Cmt.	Top of Cmt.
HOLI	10.5	0				
SURF	8	0	300	250	300	0
HOL2	7.25	0				
PROD	5.5	0	2018	100	2018	1156

## Bradley Federal No. 6

API No. 30-015-00386

Location: ~~1660' FSL & 860' FWL~~ <sup>990' FEL</sup>

~~Section 36, Twp 7S, Rng 30E, NMPM~~ 11/24S/26E

~~Latitude: 33.657845 Longitude: -103.838686~~

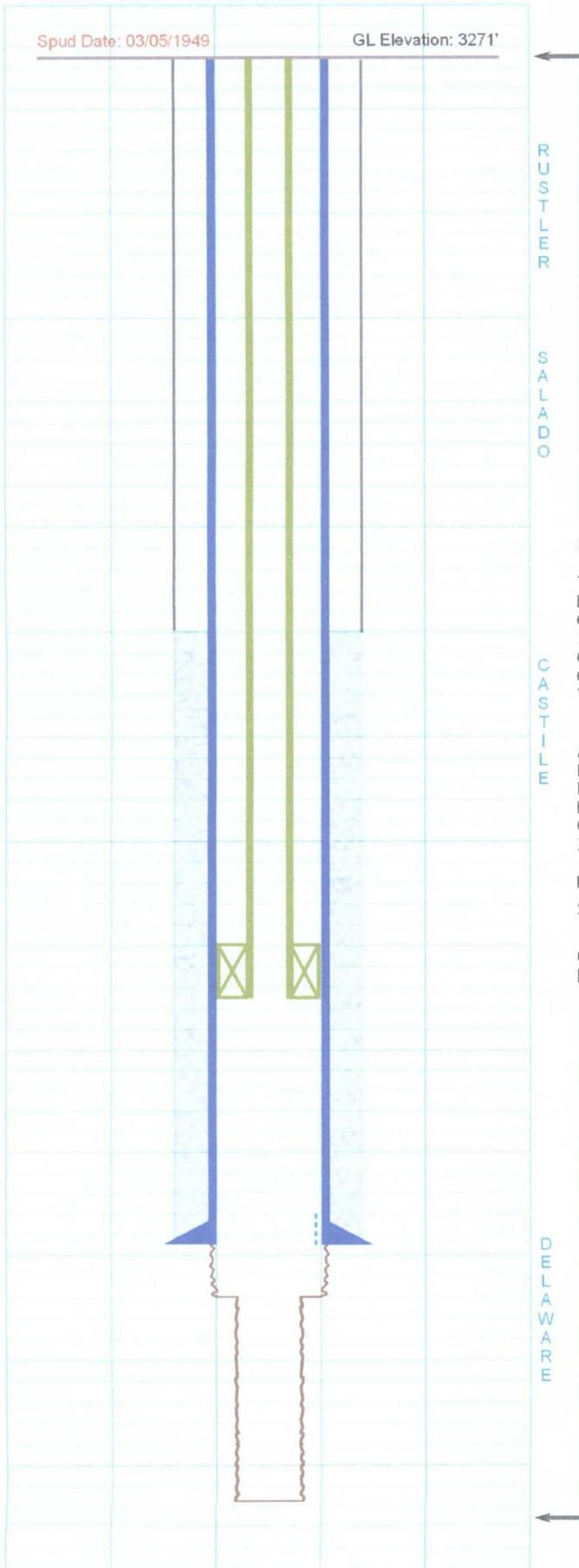
Eddy County, New Mexico

Delaware; SWD (Pool No.96100)

### PROPOSED WELL CONFIGURATION

Spud Date: 03/05/1949

GL Elevation: 3271'



RUSTLER

Formation: Rustler (Top ~500')

SALADO

Formation: Salado (Top ~1075')

LITHOLOGY

Casing/Tubing Annulus loaded with Packer Fluid.

CASTILE

Formation: Castile (Top ~1175' Mixed Anhydrite)

APPROXIMATION

Cement: 50 Sacks Class C from 1987' to 1316' (by CALC.)

Tubing: 2.375" Plastic Coated @ 1895'

Packer: 7.0" PKR @ 1900'

Production: 7.0" 20.0# @ 1987' (Borehole 8.0")

Formation: Delaware (Upper Sand - Top 1966')

Perforations (Squeezed):

Top: 1940-48'

Bottom: 1969-85'

Openhole: 4.5" OH from 1987' to 2100'

DTD: 2100'

DELAWARE

## Bradley Federal No. 6

API No. 30-015-00386

~~Location: 660' FSL & 660' FWL~~

~~Section 36, Twp 7S, Rng 30E, NMPM~~

~~Latitude: 33.657845 Longitude: -103.838688~~

Eddy County, New Mexico

Delaware; SWD (Pool No.96100)

### CURRENT WELL CONFIGURATION

Spud Date: 03/05/1949

GL Elevation: 3271'



RUSTLER

SALADO

LITHOLOGY  
CASTILE

APPROXIMATION

DELAWARE

Formation: Rustler (Top ~500')

Formation: Salado (Top ~1075')

~~Casing/Tubing Annulus loaded with Packer Fluid.~~

Formation: Castile (Top ~1175' Mixed Anhydrite)

Cement: 50 Sacks Class C from 1987' to 1316' (by CALC.)

Production: 7.0" 20.0# @ 1987' (Borehole 8.0")

Formation: Delaware (Upper Sand - Top 1966')

Perforations (Squeezed):

Top: 1940-48'

Bottom: 1969-85'

Openhole: 4.5" OH from 1987' to 2100'

DTD: 2100'

SOS CONSULTING, LLC WELLBORE SCHEMATIC



# Pre-ONGARD Operator

## CURRENT WELL CONFIGURATION Plugged and Abandoned 4/01/1958

## Federal 'D' No. 1

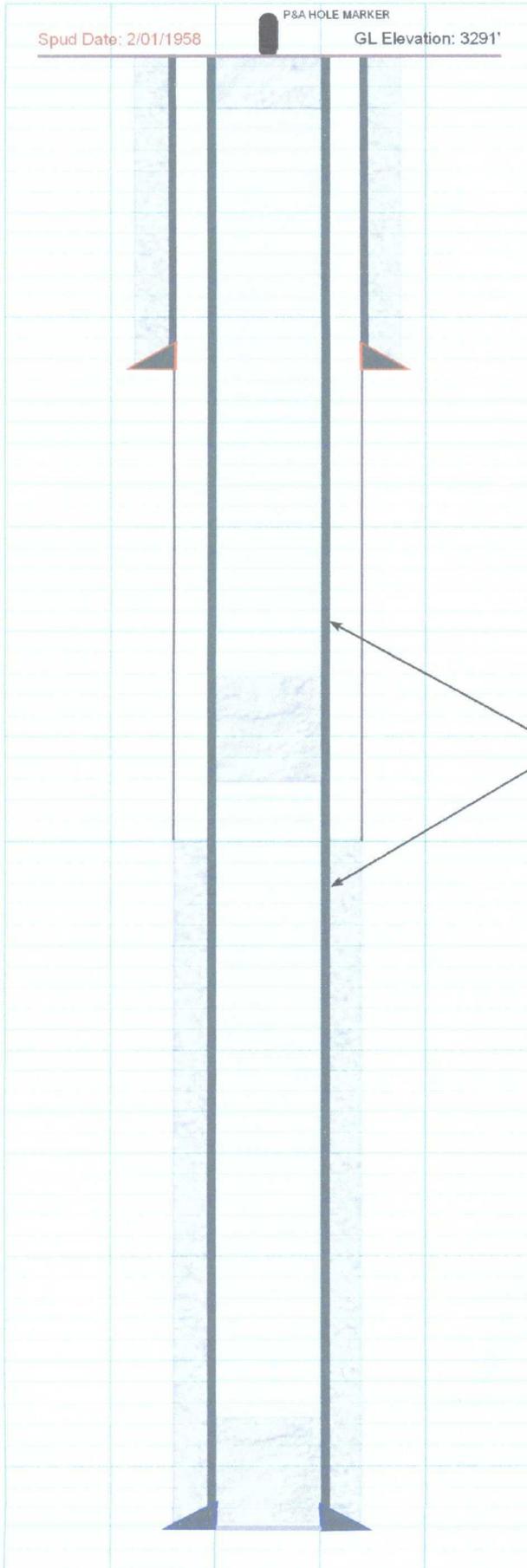
API No. 30-015-00388

Location: 2310' FNL & 2310' FEL

Section 11, Twp 24S, Rng 26E, NMPM

Latitude: 32.232934 Longitude: -104.262766

Eddy County, New Mexico



Cement Plug: 5 sx 25' - 0'

Formation: Rustler

Surface: 8.625" 24# @ 263' (Borehole 12.25")

Cement: 300 Sacks Class C from 263' to 0' (Circulated)

Formation: Salado

Cement Plug: 10 sx 1060' - 1010'

Mud Between Plugs

Formation: Castile

Formation: Delaware

Production: 5.5" 14.5# @ 2100' (Borehole 7.875")

Cement: 175 Sacks Class C from 2018' to 1110' (CALC)

Cement Plug: 25 sx 2100' - 1875'

TD: 2100'

# Pre-ONGARD Operator

## CURRENT WELL CONFIGURATION Plugged and Abandoned 8/01/1954

## Wright No. 1

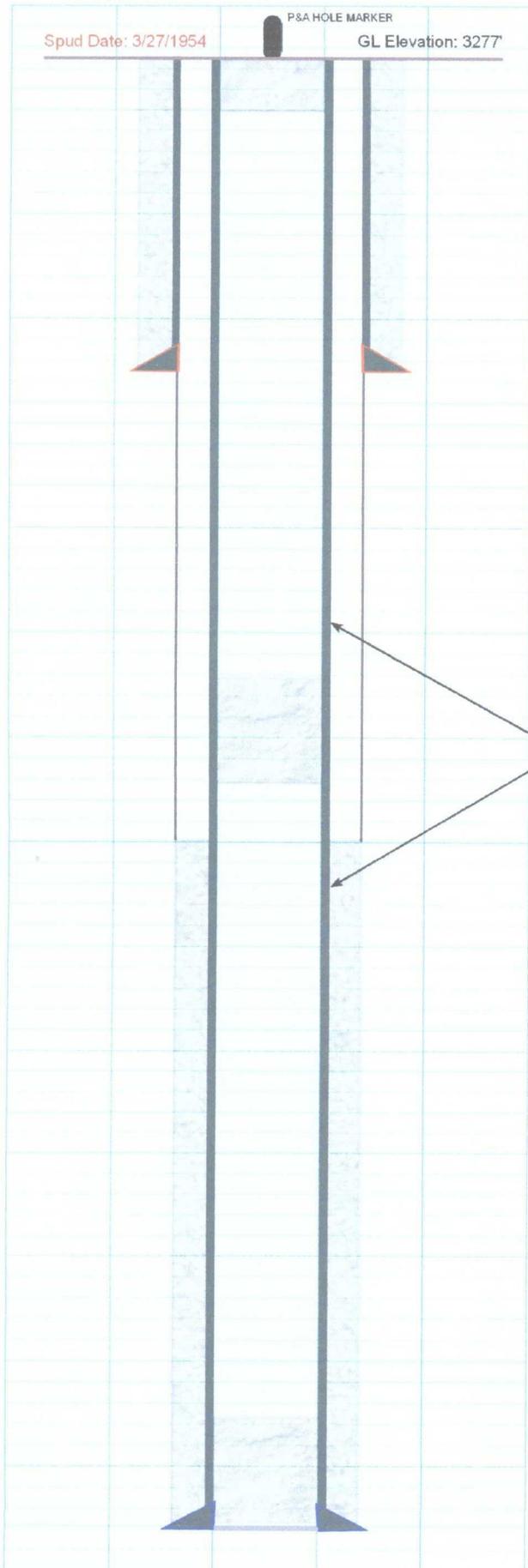
API No. 30-015-00333

Location: 2310' FNL & 330' FWL

Section 12, Twp 24S, Rng 26E, NMPM

Latitude: 32.232934 Longitude: -104.256203

Eddy County, New Mexico



Cement Plug: 3 sx 10' - 0'

Formation: Rustler

Surface: 8.0" 32# @ 300' (Borehole 10.5" - All 8" Pulled)

Cement: 150 Sacks Class C from 298' to 0' (Circulated)

Formation: Salado

Cement Plug: 10 sx 1030' - 1000'

Mud Between Plugs (AquaGel)

Formation: Castile

Formation: Delaware

Production: 5.5" 14.5# @ 2018' (Borehole 7.25")

Cement: 250 Sacks Class C from 2018' to 1156' (CALC)

Cement Plug: 25 sx 2018' - 1940'

TD: 2018'

# Pre-ONGARD Operator

## CURRENT WELL CONFIGURATION Plugged and Abandoned

## Bradley Federal No. 7

API No. 30-015-00385

Location: 990' FSL & 1650' FEL

Section 11, Twp 24S, Rng 26E, NMPM

Latitude: 32.227457 Longitude: -104.260544

Eddy County, New Mexico

Spud Date: 7/??/1949

PSA HOLE MARKER

GL Elevation: 3275'

Cement Plug: 15 sx 60' - 0'

Formation: Rustler

Formation: Salado

Cement Plug: 10 sx 1100' - 1060'

Mud Between Plugs

Formation: Castile

Cement Plug: 10 sx 1620' - 1605'

Formation: Delaware

Production: 7.0" 23# @ 1920' (Borehole 8.0")

Cement: 50 Sacks Class C from 1920' to 1470' (CALC)

Cement Plug: 25 sx 1955' - 1883'

TD: 1955'

# Pre-ONGARD Operator

## CURRENT WELL CONFIGURATION Plugged and Abandoned

### Bradley Federal No. 8

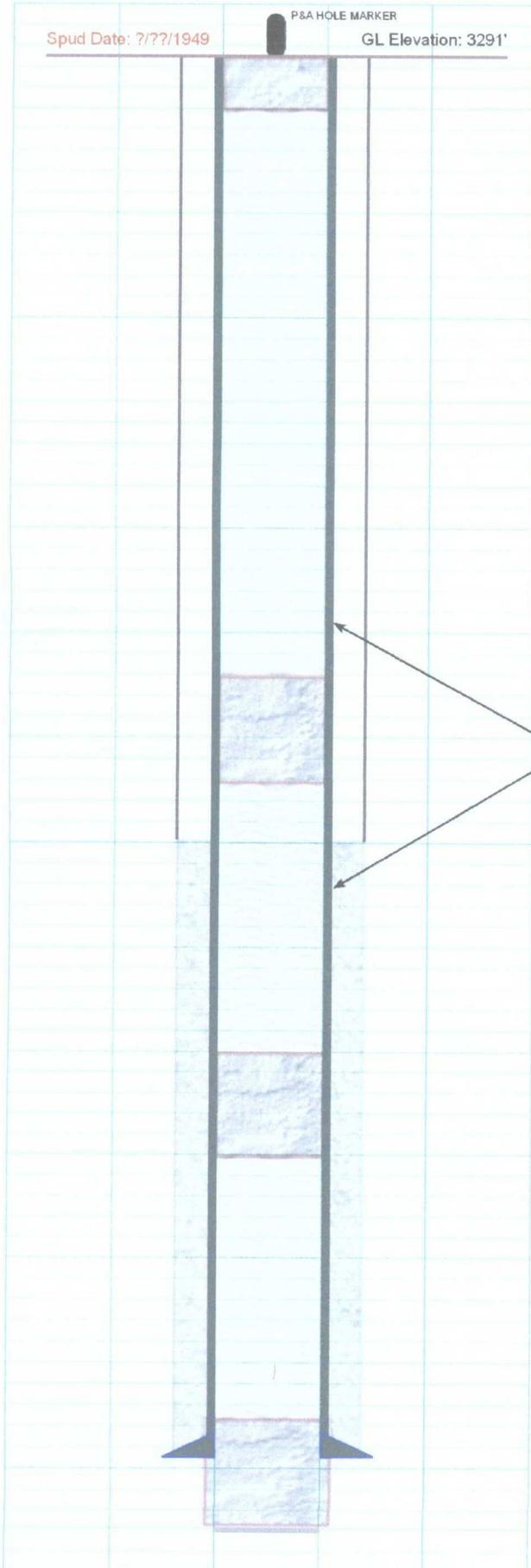
API No. 30-015-00383

Location: 1650' FSL & 1650' FEL

Section 11, Twp 24S, Rng 26E, NMPM

Latitude: 32.229272 Longitude: -104.260569

Eddy County, New Mexico



Cement Plug: 15 sx 60' - 0'

Formation: Rustler

Formation: Salado

Cement Plug: 10 sx 1125' - 1075'

Mud Between Plugs

Formation: Castile

Cement Plug: 10 sx 1665' - 1625'

Formation: Delaware

Production: 7.0" 23# @ 1965' (Borehole 8.0")

Cement: 50 Sacks Class C from 1965' to 1515' (CALC)

Cement Plug: 25 sx 1975' - 1750'

TD: 1975'

# Pre-ONGARD Operator

## CURRENT WELL CONFIGURATION Plugged and Abandoned

### Bradley Federal No. 9

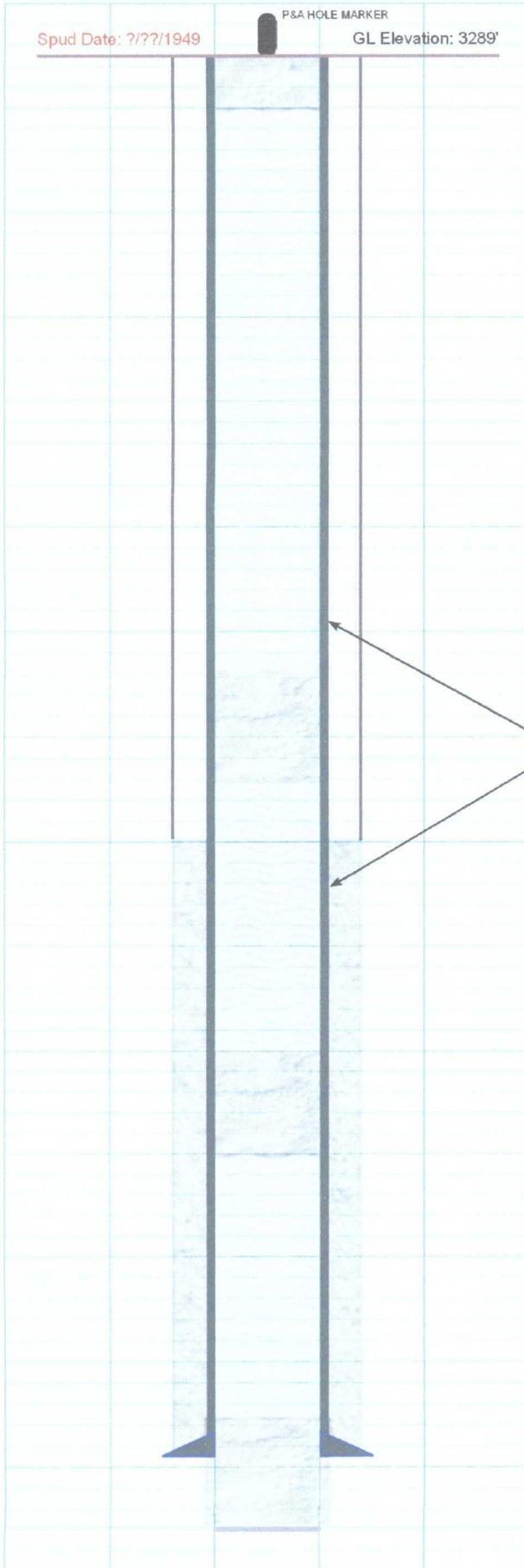
API No. 30-015-00384

Location: 1650' FSL & 2310' FWL

Section 11, Twp 24S, Rng 26E, NMPM

Latitude: 32.229359 Longitude: -104.264907

Eddy County, New Mexico



Spud Date: ?/??/1949

P&A HOLE MARKER

GL Elevation: 3289'

Cement Plug: 15 sx 60' - 0'

Formation: Rustler

Formation: Salado

Cement Plug: 10 sx 1115' - 1075'

Mud Between Plugs

Formation: Castile

Cement Plug: 10 sx 1670' - 1625'

Formation: Delaware

Production: 7.0" 23# @ 1980' (Borehole 8.0")

Cement: 50 Sacks Class C from 1980' to 1530' (CALC)

Cement Plug: 25 sx 2000' - 1928'

TD: 2000'

**C-108 ITEM XIII – PROOF OF NOTIFICATION  
INTERESTED PARTY LIST**

**SURFACE OWNER**

U.S. Department of Interior  
Bureau of Land Management  
Oil & Gas Division  
620 E. Greene Street  
Carlsbad, NM 88220

**100% LESSEE of RECORD**

O'Neill Properties, LTD  
P.O. Box 2840  
Midland, TX 79702

**REGULATORY**

New Mexico Oil Conservation Division  
1301 W. Grand Avenue  
Artesia, NM 88210

July 21, 2008

**NOTIFICATION TO INTERESTED PARTIES**

To Whom It May Concern:

JRC Petroleum, Pecos, Texas has made application to the New Mexico Oil Conservation Division to convert its Bradley Federal No.6 for the purpose of salt water disposal.

Following is the notice as published in the Carlsbad Current Argus, Carlsbad, New Mexico on Thursday, July 10, 2008.

**LEGAL NOTICE**

John Cravey dba JRC Petroleum, P.O. Box 447, Pecos, TX 79772 is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division for administrative approval for salt water disposal in its Bradley Federal Well No.6. The well, API No.30-015-00386 is located 1650 FSL & 990 FEL in Section 11, Township 24 South, Range 26 East in Eddy County, New Mexico. Produced water from the Delaware formation will be disposed into the Delaware formation from approximately 1987 to 2100 feet at a maximum injection pressure of 640 psi and a maximum rate of 300 barrels per day.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505 within 15 days of the date of this notice. Additional information may be obtained from JRC Petroleum (432)445-9331 or its agent, SOS Consulting, LLC, (903)488-9850.

Thank you for your attention in this matter.

Regards,



Ben Stone, SOS Consulting, LLC  
Agent for JRC Petroleum

Cc: Application File

**Affidavit of Publication**

State of New Mexico,  
County of Eddy, ss.

**Kathy McCarroll**, being first duly sworn,  
on oath says:

That she is the Classified Supervisor of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

July 10 2008

That the cost of publication is \$ **43.79** that Payment Thereof has been made and will be assessed as court costs.

*Kathy McCarroll*

Subscribed and sworn to before me this

17<sup>th</sup> day of July, 2008

*Stephanie Dobson*

My commission Expires on 1/25/2010

Notary Public



Federal Well No.6. The well, API No.30-015-00386 is located 1650 FSL & 990 FEL in Section 11, Township 24 South, Range 26 East in Eddy County, New Mexico.

July 10, 2008

John Cravey dba JRC Petroleum, P.O. Box 447, Pecos, TX 79772

is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil

Conservation Division for administrative approval for salt water disposal in its Bradley

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# Inactive Well List

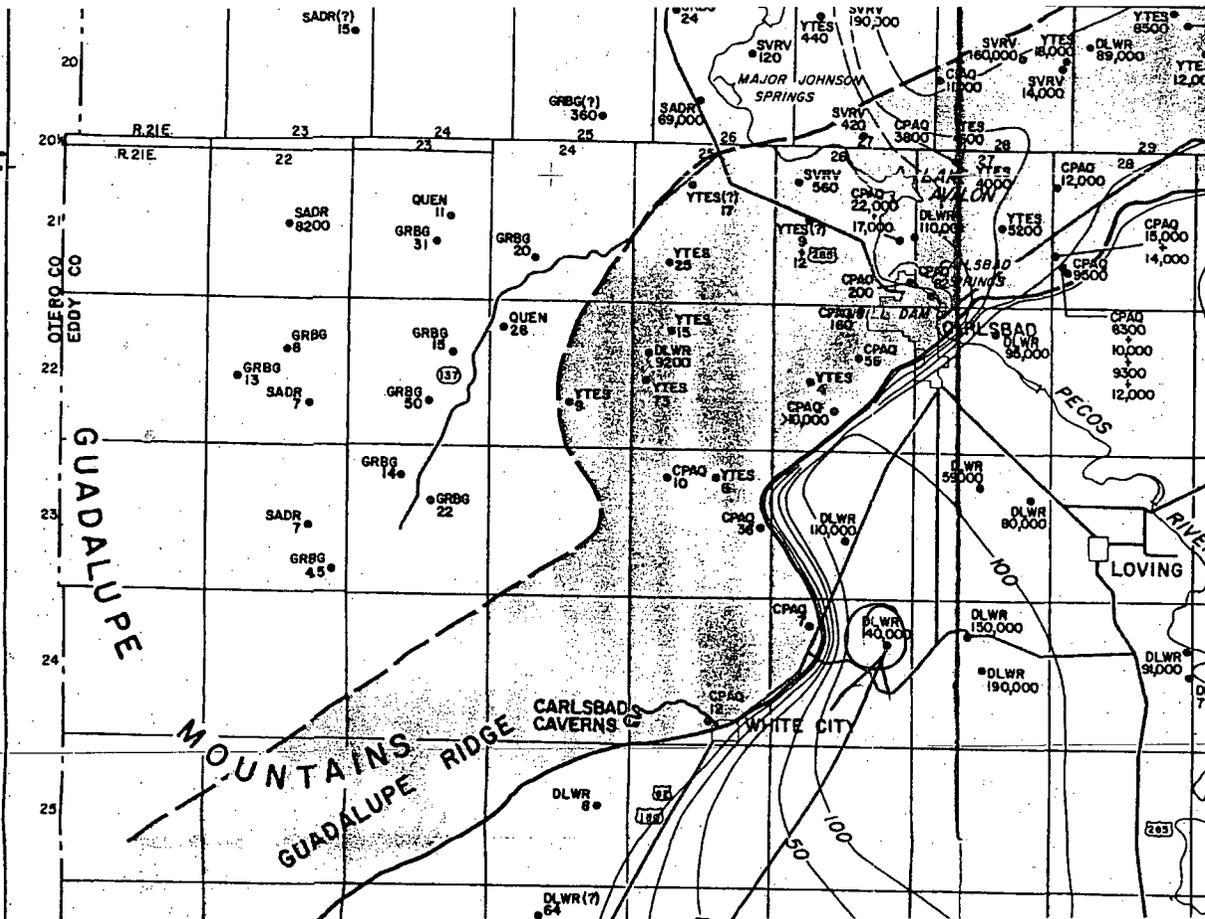
Total Well Count: 5 Inactive Well Count: 3 Since: 6/26/2007

Printed On: Thursday, September 18 2008

District	API	Well	ULSTR	OCD Unit	OGRID	Operator	Lease Type	Well Type	Last Production	Formation/Notes	Status	TA Exp Date
2	30-015-00387	BRADLEY FEDERAL #002	P-11-24S-26E	P	252682	JOHN CRAVEY DBA JRC PETROLEUM	F	O	12/1992			
2	30-015-00382	BRADLEY FEDERAL #005	P-11-24S-26E	P	252682	JOHN CRAVEY DBA JRC PETROLEUM	F	O	12/1992			
2	30-015-00383	BRADLEY FEDERAL #008	K-11-24S-26E	K	252682	JOHN CRAVEY DBA JRC PETROLEUM	F	O	12/1992			

WHERE Ogrid:252682, County:All, District:All, Township:All, Range:All, Section:All, Production(months):15, Excludes Wells Under ACOI, Excludes Wells in Approved TA Period

*These wells may produce if SWD is approved - WJD*



*THIS area*

Injection Permit Checklist (7/8/08)

Case SWD 1141 WFX PMX IPI Permit Date Sept 18/08 UIC Qtr July or Sept

# Wells 1 Well Name: Bradley Fabul #6

API Num: (30-) 015-00386 Spud Date: 1949 New/Old: 0 (UIC primacy March 7, 1982)

Footages 10515L/60000L Unit I Sec 33 Tsp 245 Rge 26E County EDDY

Operator: John Cravey dba JRC Petroleum Contact John Cravey / Ben Stone

OGRI# 252682 RULE 40 Compliance (Wells) 3/5 (Finan Assur) OK

Operator Address: PO Box 447, 20 WINDING Way, PECOS, TX 79772

Current Status of Well: POOR CMT @ Base of PIPE

Planned Work to Well: \_\_\_\_\_ Planned Tubing Size/Depth: 2 3/8" 1150

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing <u>Surface</u>				
Existing <u>Intermediate</u>				
Existing <u>Long String</u>	<u>8" - 7"</u>	<u>1983</u>	<u>100 50</u>	<u>1316 To C</u>

DV Tool Line Open Hole Yes Total Depth PBTD

Well File Reviewed TIGHT Eij Zone!!

Diagrams: Before Conversion After Conversion Elogs in Imaging File: ✓ (EPL/GR-N)

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)			
Injection..... Interval TOP:	<u>1987'</u>	<u>Del</u>	
Injection..... Interval BOTTOM:	<u>2100'</u>	<u>Del</u>	
Below (Name and Top)			

Core 3823  
1/17/77  
R-5348 Prein SWD  
revised BY INACTIVITY  
7/5/01  
640 Per 11/12/86 OGD letter  
PSI Max. WHIP  
yes Open Hole (Y/N)  
NO Deviated Hole?

Sensitive Areas: Capitan Reef Cliff House Salt Depths 500 - 1075'

... Potash Area (R-111-P) Potash Lusca Noticed?

Fresh Water: Depths: 0-160' Wells (Y/N) None Analysis Included (Y/N): ✓ Affirmative Statement ✓

Salt Water: Injection Water Types: Del Analysis? \_\_\_\_\_

Injection Interval..... Water Analysis: Del Hydrocarbon Potential Yes in offset wells

Notice: Newspaper (Y/N) ✓ Surface Owner BLM Mineral Owner(s) \_\_\_\_\_

RULE 701B(2) Affected Parties: ONEIL Prop

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

Active Wells 5 Num Repairs NO Producing in Injection Interval in AOR ?

..P&A Wells 6 Num Repairs NO All Wellbore Diagrams Included? Yes

Questions to be Answered:  
No Certs Receipts Sent  
RUN INT Survey on O.H. w/in 6 months  
IF deeper / find in Ben Test

Required Work on This Well: \_\_\_\_\_ Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_  
AOR Repairs Needed: \_\_\_\_\_ Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_  
Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_

1650FSL  
990FEL