Initial Application Part I

Received 4/2/20

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

6H4TU-200402-C-1080

Revised March 23, 2017

RECEIVED: 4/2/20	REVIEWER: BLL	TYPE: SWD	APP NO: pBL2010074216

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & 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

Applicant: Dugan production Corp., P.O Box 420, Farmington, NM 87499 **OGRID Number:** 6515
Well Name: Molly Pitcher SWD # 4 **API:** 30-045-30954
Pool: Blanco Mesaverde **Pool Code:** 96160

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐NSL ☐NSP (PROJECT AREA) ☐NSP (PRORATION UNIT) ☐SD SWD-2382

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐DHC ☐CTB ☐PLC ☐PC ☐OLS ☐OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐WFX ☐PMX ☒SWD ☐IPI ☐EOR ☐PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☒ Offset operators or lease holders
B. ☒ Royalty, overriding royalty owners, revenue owners
C. ☒ Application requires published notice
D. ☐ Notification and/or concurrent approval by SLO
E. ☐ Notification and/or concurrent approval by BLM
F. ☒ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **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.

Aliph Reena
Print or Type Name

Signature

04/02/20
Date

505-360-9192
Phone Number

aliph.reena@duganproduction.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance xxx Disposal _____ Storage
Application qualifies for administrative approval? xxx Yes _____ No

II. OPERATOR: Dugan Production Corp.

ADDRESS: P.O.Box 420, Farmington, NM 87499

CONTACT PARTY: Aliph Reena PHONE: 505-360-9192

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? xxx Yes _____ No
If yes, give the Division order number authorizing the project: SWD-840

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: Aliph Reena TITLE: Engineering Supervisor

SIGNATURE: _____ DATE: April 2, 2020

E-MAIL ADDRESS: aliph.reena@duganproduction.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: SWD-840, Original Injection application dated 06/02/2002

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

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

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

(1) The name, address, phone number, and contact party for the applicant;

(2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;

(3) The formation name and depth with expected maximum injection rates and pressures; and,

(4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

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

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

I. Dugan Production Corp. requests permission to perforate Point Lookout Sandstone from 4300'-4310', 4340'-4366', 4372'-4400' and 4432'-4444'. Request is also made to add additional perforations to the existing perforated injection zone within Point Lookout Sand from 4132'-4290' (1 shot/2 ft, total 78 holes). (Administrative Order SWD-840).

II. Operator: Dugan Production Corp.
Operator Address: P.O. Box 420, Farmington, NM 87499
Operator Contact: Aliph Reena, 505-360-9192

III. A. 1. Lease Name & Well No. : Molly Pitcher SWD # 4, API: 30-045-30954
Sec 14, T30N R14W
2610' FNL & 425' FEL

2. **Surface Casing:** 8-5/8", 24#/ft Casing set @ 228'. Hole size: 12 ¼". Cemented w/ 180 sks Class B w/ 2% $CaCl_2$ & ¼#/sk celloflake. Circulated 5 bbls cement to surface.

Production Casing: 5 ½", 15.5#/ft Casing set @ 4600'. Cemented first stage w/ 179 sks Premium lite FM w/ 8% gel, 5#/sk LCM, 1/4 #/sk celloflake & 0.4 Sodium Metasillicate, tailed w/ 245 sks Type III cement w/ 1% Calcium Chloride & 1/4 #/sk celloflake. Total slurry 733 cu.ft. DV tool @ 1806'. Cemented 2nd stage w/ 200 sks Premium Lite FM w/ 8% gel, 5 #/sk LCM, 1/4#/sk celloflake, 0.4% Sodium Metasillicate & 3% $CaCl_2$, tailed w/ 75 sks Type III w/ 1% $CaCl_2$ & 1/4 #/sk celloflake. Circulated 10 bbls cement to surface.

3. Tubing: 2-7/8", 6.4#, IPC Coated plastic lined tubing @ 4062'.

4. Packer is Baker Hughes AD-1 5 ½", plastic coated internally and externally set @ 4068'.

B. 1. Blanco Mesaverde. Injection zone is Point Lookout Sandstone from 4128'-4444'.

2. Current Injection zone is Point Lookout Sand from 4132'-4290'. We are requesting permission to add additional injection zones in Point Lookout Sandstone from 4300'-4310', 4340'-4366', 4372'-4400' & 4432'-4444'. Permission is also requested to add additional perforations per foot in the existing injection interval from 4132'-4290'

3. The well was originally drilled as an injection well.

4. No other intervals are perforated in this well.

5. Next higher gas zone will be Pictured Cliffs @ 1712'. The next lower oil zone is Mancos Shale @ 4508'.

IV. This is an expansion of an existing project, Administrative Order SWD 840.

V. Please see Exhibit V.A, & Exhibit V.B for attached maps identifying wells within 2 mile radius and wells within half mile radius of the Injection well.

VI. There are 4 wells that penetrates the injection zone within the half mile radius area of review. All four wells are completed in the Dakota formation. There are no plugged wells within the half mile area of review. Please see Exhibit VI.A.

VII. 1. The new proposed average daily injection rate will be 750 bwpd. Maximum anticipated injection rate will be 1200 bwpd.

2. The system is closed.

3. The present average injection pressure is 700 psi, with a maximum injection pressure of 750 psi. (Maximum allowed surface injection pressure is 832 psi. (SWD 840)

4. Injected water will be produced water from Dugan Production's Fruitland Coal, Pictured Cliffs, Gallup & Dakota wells. Water sample analysis that was submitted w/ the original injection application is included as Attachment VII-4a, VII-4b & VII-4c

5. Injected water is for disposal purpose. Point Lookout sandstone of Mesaverde formation is not productive in the area. Water sample analysis from the Mesaverde formation that was submitted as part of the original injection application is included as Attachment VII-4c

VIII. Injection zone is Point Lookout Sandstone of Mesaverde formation. Top of Mesaverde formation is Cliff House Sandstone at 3243' w/ top of Point Lookout at 4128'. The Point Lookout is from 4128'-4508'. Ojo Alamo is the only possible fresh water zone and is at surface. The 8-5/8" surface casing @ 228' should cover any fresh water zone. The current perforations are in the Point Lookout from 4132'-4290' w/ 1 shot/2 ft, 78 holes total. We request permission to perforate Point Lookout sand from 4300'-4310', 4340'-4366', 4372'-4400', and 4432'-4444'. Request is also made to add additional perforations per foot to the current injection zone from 4132'-4290'.

Please see the attached logs from Molly Pitcher SWD # 4 & Molly Pitcher 1E as attachment VIII. A

IX. After perforating the perforating zones will be acidized w/ 3000 gals 15 % HCl.

X. Cased hole GR log from the well is submitted and on OCD log database. Attachment VIII. A is a cross section of the Molly Pitcher SWD # 4 well log and correlated with logs from Molly Pitcher # 1E, offsetting Dakota well.

XI. There are no active fresh water wells in the area.

XII. I certify that available geologic and engineering data has been examined and no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water has been found.

XIII. Copies of certified mail receipts notifying the offset surface owners are attached. The surface is owned by BLM. The mineral rights within half a mile radius of the injection well is owned by Dugan Production Corp. A copy of the letter provided to the BLM is attached.

A certified Copy of the legal notice published in the Farmington Daily Times is also attached.

Side 1

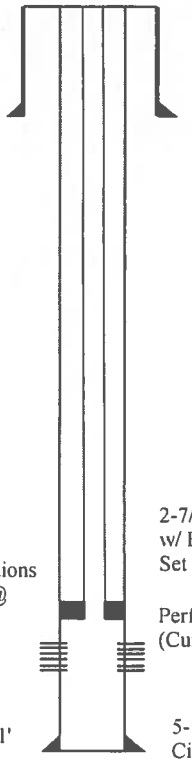
INJECTION WELL DATA SHEET

OPERATOR: Dugan Production Corp.

WELL NAME & NUMBER: Molly Pitcher # 4 SWD

WELL LOCATION:	2610' FNL & 425' FEL (SE/4 NE/4)	H	14	T30N	R14W
	FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



8-5/8", 24#/ft Set @ 228'
TOC @ Surface

Stage Tool @ 1806'

2-7/8" IPC Coated 6.4#/ft 8rd J-55 tubing
w/ Baker Hughs Model AD-1 Packer
Set @ 4068'

Planned perforations
Point Lookout @
4300'-4310'
4340'-4366'
4372'-4400'
4432'-4444'

Perforated Point Lookout @ 4132'-4290'
(Current injection zone)

PBTD @ 4,451'
TD @ 4,600'

5-1/2" 15.5#/ft, set @ 4600'
Circulated 10 bbls cement to surface

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12-1/4" Casing Size: 8-5/8", 24#

Cemented with: 180 sx. *or* 212.4 ft³

5 bbl cement circulated

Top of Cement: Surface Method Determined: to surface

Intermediate Casing

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. *or* _____ ft³

Top of Cement: _____ Method Determined: _____

Production Casing

Hole Size: 7-7/8" Casing Size: 5-1/2", 15.5#

Cemented with: 699 sx. *or* 1,278 ft³

10 bbls cement

Top of Cement: Surface Method Determined: circulated to surface

Total Depth: 4600'

Injection Interval

4132' feet to 4290 Perforated, 1 shot/2 ft, 78 holes total

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 2-7/8", 6.4#, J-55 Lining Material: Internal Plastic Lined (IPC)

Type of Packer: Baker Model AD-1

Packer Setting Depth: 4068'

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection? xxx Yes _____ No

   If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Point Lookout Formation, Mesaverde

3. Name of Field or Pool (if applicable): Blanco Mesaverde

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. No

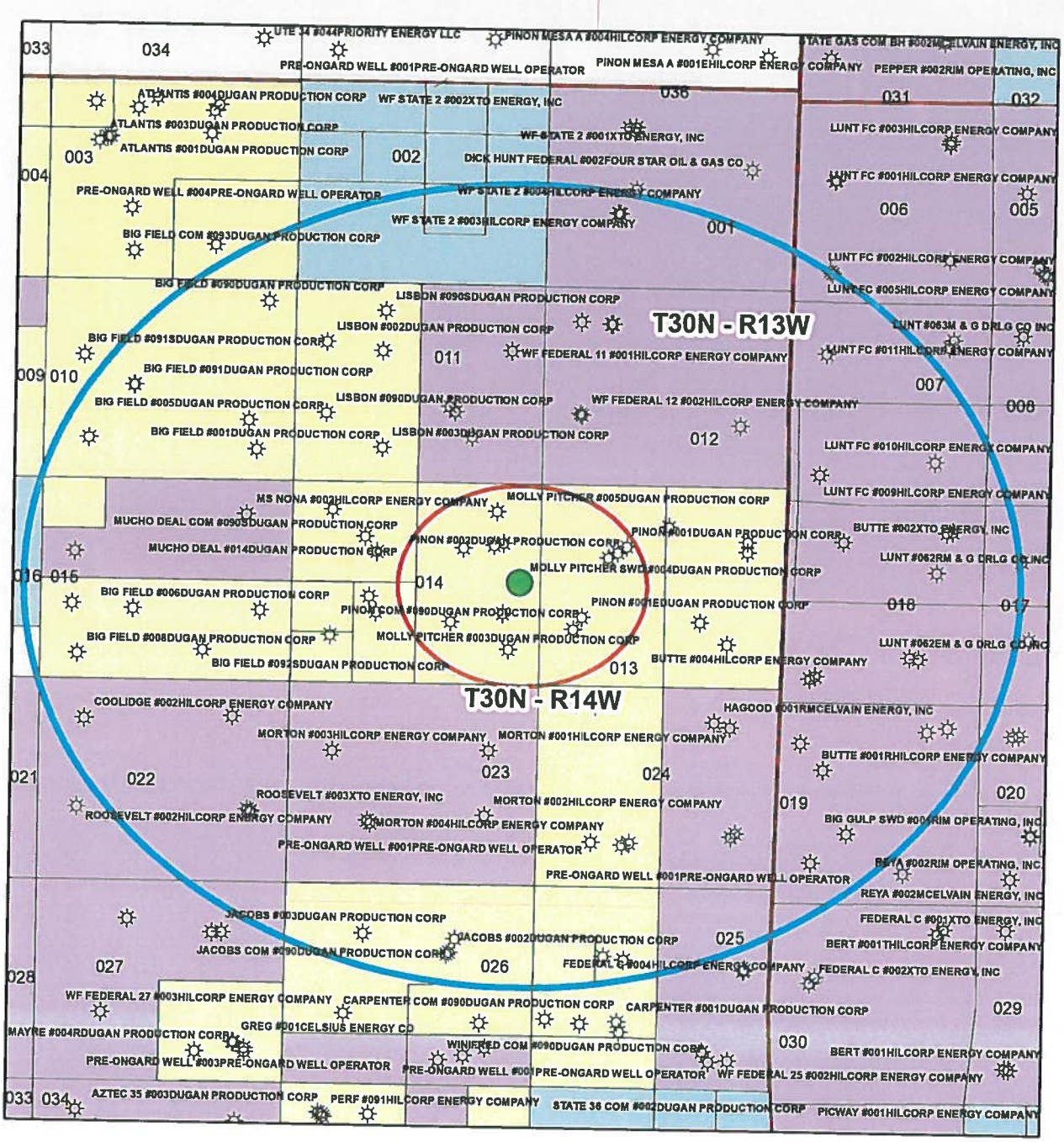
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Fruitland, Gas : 1351',

   Pictured Cliffs, Gas: 1712',

   Mancos, Oil: 4508'

Attachment V.A

Map of Molly Pitcher SWD # 4 with 2 Mile Radius Area Identified

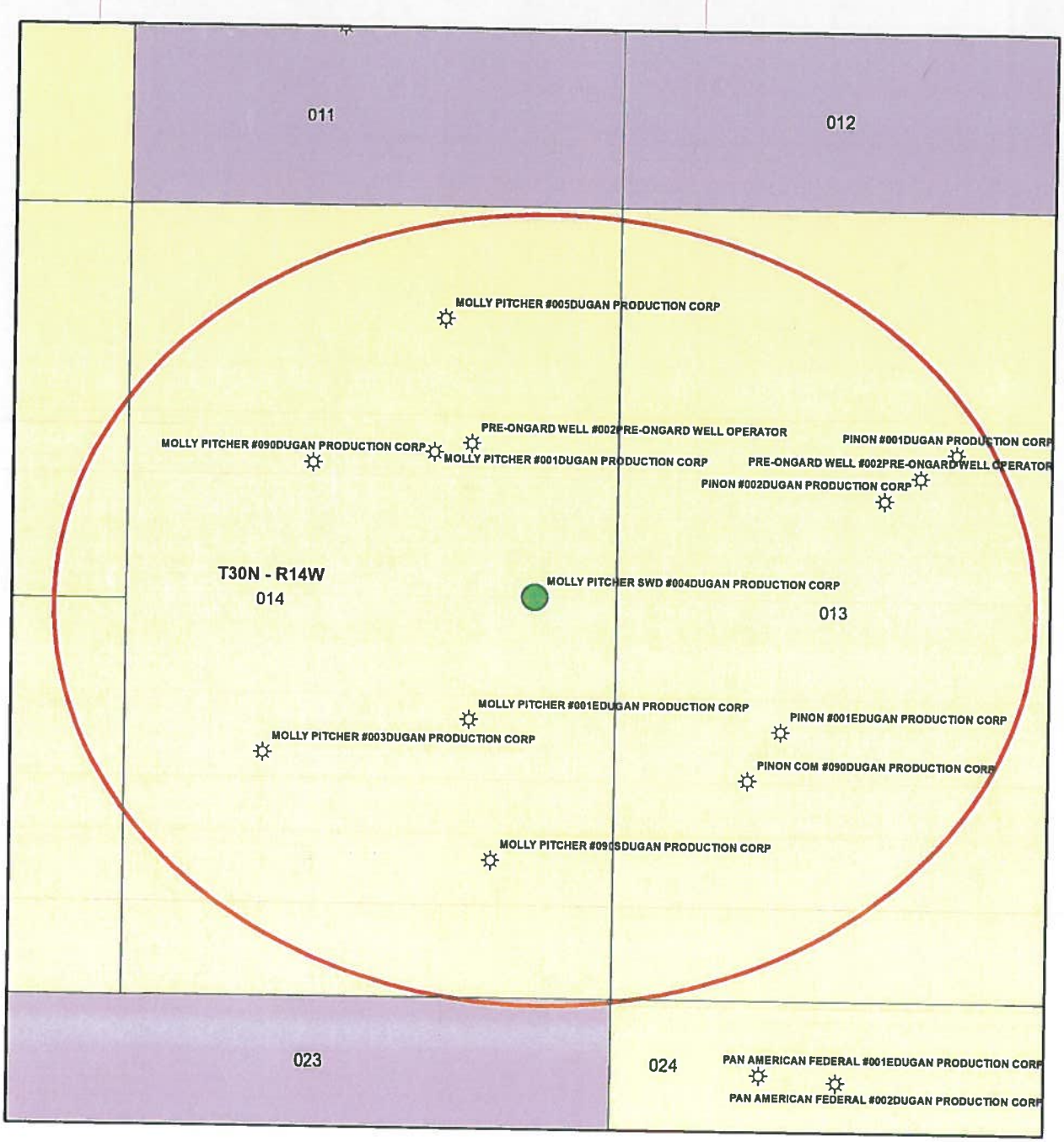


Wells, Leases and Buffers

- 2 Mile Buffer
- 1/2 Mile Buffer
- Wells
- Dugan Federal lease
- Federal Leases
- State Lease

Attachment V.B

Map of Molly Pitcher SWD # 4 with Half Mile Area of Review



Wells, Leases and Buffers

- 1/2 Mile Buffer
- Wells
- Dugan Federal lease
- Federal Leases
- State_Leases

Attachment VI.A

API No	Well Name	Operator Name	Location	Legal Location	Status	Prod Zone	Well Type	Latitude	Longitude	Date Drilled	Completed Depth	Upper Perf	Lower Perf	Completion Details
30-045-20956	PINON # 1	DUGAN PRODUCTION CORP	30N 14W, Sec 13	1630' FNL 1820' FWL	ACTIVE	DAKOTA	Gas	36.81695675	-108.2625945	11/8/1971	6508	6274	6368	Surface casing: 8-5/8", 23#, @ 215'. Cemented w/ 75 sks Class A w/ 2% CaCl2. Circulated cement to surface. Production Casing: 4 1/2" @ 6503'. Stage tool @ 4444'. Cemented Stage I w/ 100 sks 65-35-10 (256 cu.ft) talked with 150 sks Class C w/ 7.5% salt(204 Cu.ft). Cemented second stage w/ 350 sks (896 cu.ft) 65-35-10 tailed w/ 150 sks Class C w/ 7.5% Salt (204 Cu.ft). Total cement for both stages, 1560 cu.ft.
30-045-24186	PINON # 1E	DUGAN PRODUCTION CORP	30N 14W Sec 13	1790' FSL 890' FWL	ACTIVE	DAKOTA	Gas	36.8118197	-108.2657613	9/29/1979	6570	6295	6488	Surface Casing: 8-5/8", 24# @ 217'. Cemented w/ 150 sks Class B w/ 2% CaCl2. Circulated cement to surface. Production Casing: 4 -1/2", 10.5#, K-55 @ 6587'. Stage Tool @ 4499'. Cemented Stage I w/ 175 sks Class B w/ 8% gel (336 cu.ft) tailed w/ 200 sks (236 Cu.ft) Class B neat. Cemented stage II w/ 400 sks 65-35-12 (1048 cu.ft) tailed w/ 100 sks Class B w/ 4% gel (155 cu.ft). Total cement for both stages, 1775 cu.ft.
30-045-22084	MOLLY PITCHER # 1	DUGAN PRODUCTION CORP	30N 14W Sec 14	1650' FNL 990' FEL	ACTIVE	DAKOTA	Gas	36.81689668	-108.2721904	5/16/1990	6652	6275	6490	Surface Casing: 8-5/8" @ 233'. Cemented w/ 150 Sks Class B w/ 2% CaCl2. Circulated cement to surface. Production Casing: 4 -1/2", 10.5# @ 6630'. Stage tool @ 4537'. Cemented stage I w/ 200 sks 65-35-12 (506 Cu.ft) tailed w/ 150 sks Class B(177 cu.ft). Cemented stage II w/ 600 sks 65-35-12 (1518 Cu.ft). Total cement for both stages, 2201 Cu.ft
30-045-23612	MOLLY PITCHER # 1E	DUGAN PRODUCTION CORP	30N 14W Sec 14	1850' FSL 790' FEL	ACTIVE	DAKOTA	Gas	36.8119848	-108.2714984	8/14/1976	6597	6311	6466	Surface Casing: 8-5/8" @ 211'. Cemented w/ 150 sks Blass B w/ 2% CaCl2. Circulated cement to surface. Production Casing: 4-1/2" 10.5# @ 6599' Stage tool at 4531'. Cemented first stage w/ 200 sks Class B w/ 8% gel (304 cu.ft) followed by 125 sks (147.5 Cu.ft) Class B. Cemented second stage w/ 400 sks 65-35-12 tailed by 100 sks (155 cu.ft) Class. Total cement for both stages, 1654.5 cu.ft)

American Energy Services
Water Analysis Results Sheet
Farmington NM
708 S. Tucker
Phone:(505)325-4192
Fax:(505)564-3524
Zip:87401

Attachment VII – 4a

Operator:	Dugan Production	Date:	May 5, 2002
Well :	Federal I4 Injection	District:	Farmington
Formation:	Fruitland Coal & Pictured Cliff	Requested by:	John Alexander
County:	San Juan	Technician:	Mike Brown
Depth:	n/a	Source:	Well

PHYSICAL AND CHEMICAL DETERMINATION

SPECIFIC GRAVITY: 1.002 AT 68 Degrees F.

pH:	7.67		SULFATES:	0 ppm
			CALCIUM:	319.4 ppm
IRON:	0	ppm	BICARBONATES:	2191.6 ppm
			RESISTIVITY:	0.5 ohm/meter
H2S:	0	ppm	CHLORIDES:	6786.4 ppm
			SODIUM :	3255.7 ppm
			POTASSIUM:	67.0 ppm
MAGNESIUM:	848.8	ppm	TDS:	13469.43 ppm

CaCO3 Scale Tendency = Possible
CaSO4 Scale Tendency = Remote

REMARKS:

Data contained in this document is based on the best information & most current test procedures and materials available. No liability is expressed or implied.

American Energy Services
Water Analysis Results Sheet
Farmington NM
708 S. Tucker
Phone:(505)325-4192
Fax:(505)564-3524
Zip:87401

Attachment VII – 4b

Operator:	Dugan Production	Date:	May 5, 2002
Well :	Mucho Deal #14	District:	Farmington
Formation:	Pictured Cliff	Requested by:	John Alexander
County:	San Juan	Technician:	Mike Brown
Depth:	n/a	Source:	Well

PHYSICAL AND CHEMICAL DETERMINATION

SPECIFIC GRAVITY: 1 AT 68 Degrees F.

pH:	8.7		SULFATES:	0 ppm
			CALCIUM:	360.0 ppm
IRON:	0	ppm	BICARBONATES:	1988.6 ppm
			RESISTIVITY:	11 ohm/meter
H2S:	0	ppm	CHLORIDES:	2800.0 ppm
			SODIUM :	134.2 ppm
			POTASSIUM:	3.0 ppm
MAGNESIUM:	1069.2	ppm	TDS:	6365.98 ppm

CaCO3 Scale Tendency = Possible
CaSO4 Scale Tendency = Remote

REMARKS:

Data contained in this document is based on the best information & most current test procedures and materials available. No liability is expressed or implied.

American Energy Services
Water Analysis Results Sheet
Farmington NM
708 S. Tucker
Phone:(505)325-4192
Fax:(505)564-3524
Zip:87401

Attachment VII – 4c

Operator:	Dugan Production	Date:	May 5, 2002
Well :	Pan Am Federal IE	District:	Farmington
Formation:	Dakota	Requested by:	John Alexander
County:	San Juan	Technician:	Mike Brown
Depth:	n/a	Source:	Well

PHYSICAL AND CHEMICAL DETERMINATION

SPECIFIC GRAVITY: 1.001 AT 68 Degrees F.

pH:	7.67		SULFATES:	0 ppm
			CALCIUM:	479.5 ppm
IRON:	0	ppm	BICARBONATES:	243.8 ppm
			RESISTIVITY:	0.6 ohm/meter
H2S:	0	ppm	CHLORIDES:	4795.2 ppm
			SODIUM :	633.5 ppm
			POTASSIUM:	8.0 ppm
MAGNESIUM:	1068.1	ppm	TDS:	7228.734 ppm

CaCO3 Scale Tendency = Remote
CaSO4 Scale Tendency = Remote

REMARKS:

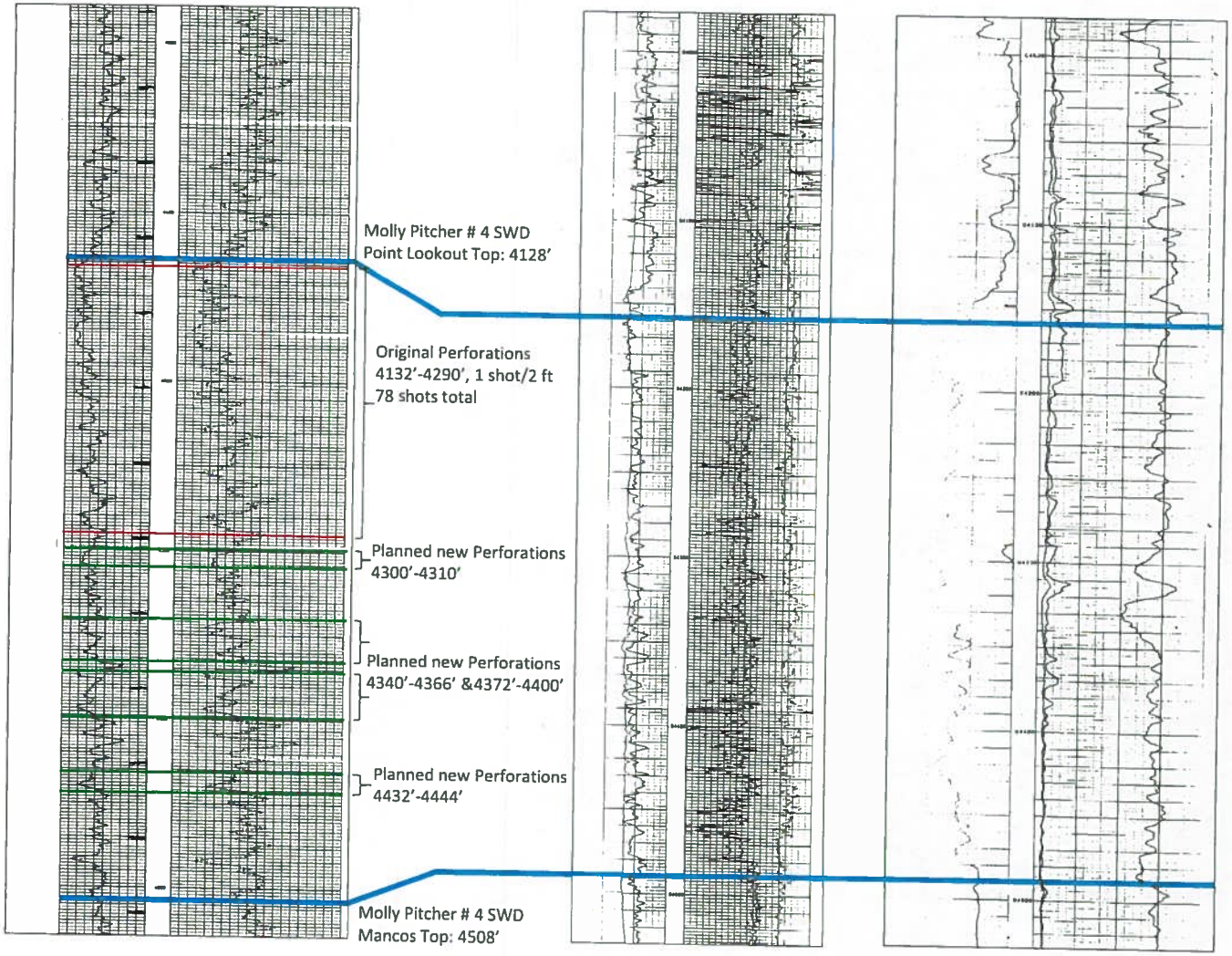
Data contained in this document is based on the best information & most current test procedures and materials available. No liability is expressed or implied.

Attachment VII. A

Molly Pitcher # 4 SWD
Gamma Ray, Amplified Gamma Ray
(On file w/ NMOCD)

Molly Pitcher # 1E
Gamma Ray, Density, Neutron Porosity
(On file w/ NMOCD)

Molly Pitcher # 1E
Spontaneous Potential, Resistivity, Conductivity
(On file w/ NMOCD)



Attachment XIII

Farmington Daily Times
PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004105957

This is not an invoice

DUGAN PRODUCTION COR P.
POBOX 420

FARMINGTON, NM 87499

I, being duly sworn say: **Farmington Daily Times**, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newsaper duly qualified for the purpose within the State of New Mexico for publication and appeared in the internet at The Daily Times web site on the following days(s):

03/13/2020

Legal Clerk

Subscribed and sworn before me this March 13, 2020:

State of WI, County of Brown
NOTARY PUBLIC

8-25-23
My commission expires

SHELLY HORA
Notary Public
State of Wisconsin

Ad # 0004105957
PO #: Molly Pitcher SWD #4
# of Affidavits 1

This is not an invoice

Dugan Production Corp., PO Box 420, Farmington, NM 87499 is making an application to New Mexico Oil Conservation Division to add additional perforations to Molly Pitcher SWD #4, API No: 30-045-30954, for produced water disposal. Produced water is injected into the Point Lookout zone of Mesaverde formation from 4132'-4290' (per Administrative Order SWD-840). The well is located 2610' FNL & 425' FEL of Section 14 T30N R14W, San Juan County, NM. Request is made to add new perforations into Point Lookout sand from 4300'-4310', 4340'-4366', 4372'-4400', and 4432'-4444' and to add additional perforations into the completed interval from 4132'-4290'. Contact person for this project is Aliph Reena P.E, Engineering Supervisor, Dugan Production Corp., (505-325-1821). Average injection rate is 750 bwpd and Maximum injection rate will be 1200 bwpd. Maximum injection pressure is 832 psi (SWD-840). Interested parties must file objection or request for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505 within 15 days.
Legal No. 4105957 Published in The Daily Times on March 13, 2020

Attachment XIII

dugan production corp.

April 1, 2020

Mr. Al Elser, District Manager
Bureau of Land Management
6251 College Blvd., Suite A
Farmington, NM 87402

Re: Adding new Injection zones & perforations into Point Lookout sand, Molly Pitcher SWD #4

Dear Mr. Elser,

Attached is a copy of Dugan Production Corp.'s C-108 application for the Molly Pitcher SWD #4 for adding more injection zones and perforations into Point Lookout sand of the Mesaverde formation. The well was originally approved for produced water injection per Administrative Order SWD-840 and has been in operation since June 2002. We are making a request to add more perforations and zones within Point Lookout sand to facilitate additional injection and surface injection pressure reduction.

The Bureau of Land Management, as surface owner is notified of this application by certified mail. The contact person for this project is Aliph Reena, Engineering Supervisor Dugan Production Corp., 505-325-1821.

Sincerely

Aliph Reena
Engineering Supervisor

709 E. MURRAY DR. • P. O. BOX 420 • FARMINGTON, N.M. 87499-0420 • PHONE: (505) 325-1821 • FAX# (505) 327-4613

Attachment XIII

Molly Pitcher SWD #4

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Mr. Al Elser, District Manager
Bureau of Land Management
6251 College Blvd, Suite A
Farmington, NM 87402

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7006 0100 0003 2413 6968

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