

PART 2 of 3

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

**APPLICATION OF PERMIAN OILFIELD PARTNERS, LLC
FOR APPROVAL OF SALT WATER DISPOSAL WELL
IN LEA COUNTY, NEW MEXICO**

**Case No. 20961
(RAMROD FEE)**

HEARING EXHIBITS

Exhibit 1: Application, C-108, and Supporting Documentation

Exhibit 2: Notice Affidavit

Exhibit 3: Fisher Seismicity Statement



Item XII. Affirmative Statement

Re: C-108 Application for Authorization to Inject
Permian Oilfield Partners, LLC
Ramrod Fee SWD #1
323' FSL & 2227' FEL
Sec 17, T21S, R28E
Eddy County, NM

Permian Oilfield Partners, LLC. has 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.

A handwritten signature in black ink, appearing to read "Gary Fisher". The signature is written in a cursive, flowing style.

Gary Fisher
Manager
Permian Oilfield Partners, LLC.

Date: 9/13/2019

Plugging Risk Assessment
Permian Oilfield Partners, LLC.
Ramrod Fee SWD #1
323' FSL & 2227' FEL
Sec 17, T21S, R28E
Eddy County, NM

WELLBORE SCHEMATIC

Permian Oilfield Partners, LLC.
Ramrod Fee SWD #1
323' FSL, 2227' FEL
Sec. 17, T21S, R28E, Eddy Co. NM
Lat 32.4739003° N, Lon 104.1073833° W
GL 3207', RKB 3237'

Surface - (Conventional)

Hole Size: 26"
Casing: 20" - 94# H-40 STC Casing
Depth Top: Surface
Depth Btm: 325'
Cement: 136 sks - Class C + Additives
Cement Top: Surface - (Circulate)

Intermediate #1 - (Conventional)

Hole Size: 18.5"
Casing: 16" - 65# H-40 BTC Casing
Depth Top: Surface
Depth Btm: 1233'
Cement: 348 sks - Lite Class C (50:50:10) + Additives
Cement Top: Surface - (Circulate)

Intermediate #2 - (Conventional)

Hole Size: 14.75"
Casing: 13.375" - 48# H-40 FJ Casing
Depth Top: Surface
Depth Btm: 2695'
Cement: 473 sks - Lite Class C (60:40:0) + Additives
Cement Top: Surface - (Circulate)
ECP/DV Tool: 1189'

Intermediate #3 - (Conventional)

Hole Size: 12.25"
Casing: 9.625" - 40# L-80 BTC Casing
Depth Top: Surface
Depth Btm: 9356'
Cement: 1482 sks - Lite Class C (60:40:0) + Additives
Cement Top: Surface - (Circulate)
ECP/DV Tool: 2724'

Intermediate #4 - (Liner)

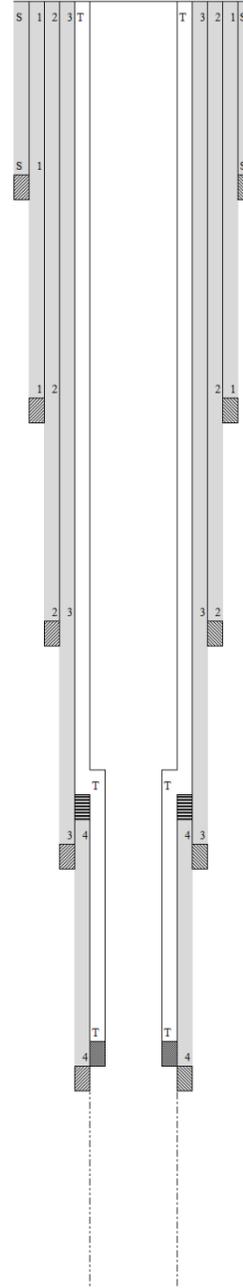
Hole Size: 8.5"
Casing: 7.625" - 39# P-110 FJ Casing"
Depth Top: 9156'
Depth Btm: 12851'
Cement: 214 sks - Lite Class C (60:40:0) + Additives
Cement Top: 9156' - Volumetric

Intermediate #5 - (Open Hole)

Hole Size: 6.5"
Depth: 13530'
Inj. Interval: 12851' - 13530' (Open-Hole Completion)

Tubing - (Tapered)

Tubing Depth: 12806'
Tubing: 7" - 26# HCP-110 FJ Casing & 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
X/O Depth: 9156'
X/O: 7" 26# HCP-110 FJ Casing - X - 5.5" 17# HCL-80 FJ Casing (Fiberglass Lined)
Packer Depth: 12816'
Packer: 5.5" - Perma-Pak or Equivalent (Inconel)



7" UFJ Tubing Inside of 9 5/8" 40# Casing

Bowen Series 150 Releasing and Circulation Overshots

Maximum Catch Size 6 5/8" to 7 1/8" Inclusive

Maximum Catch Size (Spiral)		6 5/8"	6 3/4"	7"	7 1/8"
Maximum Catch Size (Basket)		5 3/4"	6 1/8"	6 5/8"	6 5/8"
Overshot O.D.		8 1/4"	7 3/4"	8 3/4"	8 3/4"
Type		F.S.	S.H.	S.H.	S.H.
Complete Assembly	Part No.	C-3032	C-5222	9217	C-5354
(Dressed Spiral Parts)	Weight	280	243	251	260

Replacement Parts

Top Sub	Part No.	A-3033	A-5223	9218	A-5355
Bowl	Part No.	B-3034	B-5224	9219	B-5356
Packer	Part No.	A-1814	B-5225	9224	B-5357
Spiral Grapple	Part No.	N-84	B-5227	9222	B-5359
Spiral Grapple Control	Part No.	M-89	A-5228	9223	B-5360
Standard Guide	Part No.	A-1818	A-5229	9226	A-5361

Basket Parts

Basket Grapple	Part No.	N-84	B-5227	9222	B-5359
Basket Grapple Control	Part No.	M-89	A-5228	9223	B-5360
Mill Control Packer	Part No.	A-1814-R	B-5225-R	9224-R	B-5357-R

A 8.125" O.D. Bowen Series 150 Overshot will be used to perform this overshot operation. Details on the overshot are listed above. Casing to tubing clearance dimensions are listed below.

7" 26# FJ Casing Inside 9.625" 40# BTC Casing													
Clearance (in)	Pipe Size (in)	Weight lb/ft	Grade	Conn.	Type	Body O.D. (in)	Coupling O.D. (in)	I.D. (in)	Drift (in)	Lined Wt. lb/ft	Lined I.D. (in)	Flare I.D. (in)	Lined Drift (in)
0.840	9 5/8	40.0	L-80	BTC	Casing	9.625	10.625	8.835	8.679	-	-	-	-
	7	26.0	HCP-110	FJ	Casing	7.000	7.000	6.276	6.151	28.500	6.080	5.940	5.815

*Red Indicates Tubing

Fishing Procedure

Overshot Fishing Procedure

In the Event of a Connection Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up 2 points over neutral weight.
3. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
4. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage tubing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up 2 points over neutral weight.
5. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
6. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

In the Event of a Body Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up 2 points over neutral weight.
3. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
4. Once released from packer, trip out of hole with fish.

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage tubing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up 2 points over neutral weight.

5. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
6. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

Spear Fishing Procedure

If an overshot cannot be used to retrieve the fish, a spear may be used.

- Due to the use of insert lined tubing, the composite liner must be removed from the tubing before engaging the fish with a spear.
1. Trip in hole with spear sized to engage the I.D. of the insert liner.
 2. Engage the insert liner inside the tubing with spear.
 3. Pull the insert liner out of the tubing.
 4. Trip out of hole with insert liner.
 5. Trip in hole with spear sized to engage the I.D. of the tubing.
 6. Engage the tubing with spear.
 7. Pick up 2 points over neutral weight.
 8. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
 9. Once released from packer, trip out of hole with fish.

Inside Diameter Cutting Tool Fishing Procedure

If an overshot is required but a mill cannot be used to dress off a fishing neck, an inside diameter cutting tool may be used.

- Due to the use of insert lined tubing, the composite liner must be removed from the tubing before engaging the fish with a spear.
1. Trip in hole with spear sized to engage the I.D. of the insert liner.
 2. Engage the insert liner inside the tubing with spear.
 3. Pull the insert liner out of the tubing.
 4. Trip out of hole with insert liner.
 5. Trip in hole with inside diameter cutting tool and cut the tubing below the damaged fishing neck.
 6. Trip out hole with cutting tool.
 7. Trip in hole with spear sized to engage the I.D. of the tubing.
 8. Engage the previously cut tubing segment with spear.
 9. Trip out hole with cut tubing segment and spear.
 10. Trip in hole with overshot and engage fish.
 11. Pick up 2 points over neutral weight.
 12. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
 13. Once released from packer, trip out of hole with fish.

5 1/2" UFJ Tubing Inside of 7 5/8" 39# Casing

Series 150 Overshots

Tools are listed in order of maximum catch size.

The following table shows only a partial listing of available NOV Dowhole Bowen® overshots.

NOTE: Nitralloy Grapples are available upon request.

Bowen Series 150 Releasing and Circulation Overshots

Maximum Catch Size 4 1/4" to 5 1/2" inclusive

Maximum Catch Size (Spiral)		4 1/4"	4 1/2"	4 3/4"	4 7/8"	5"	5 1/8"	5 1/2"
Maximum Catch Size (Basket)		3 3/4"	4 1/4"	4 3/4"	4 7/8"	5"	5 1/8"	5 1/2"
Overshot O.D.		5 3/4"	5 1/2"	5 3/4"	5 7/8"	5 7/8"	6 1/4"	6 1/4"
Type		F.S.	S.H.	S.H.	S.F.S.	S.H.	F.S.	S.H.
Complete Assembly	Part No.	5896	5898	C-5168	8975	C-5171	C-4825	8825
(Dressed Spiral Parts)	Weight	130	130	133	138	140	182	185
Replacement Parts								
Top Sub	Part No.	5897	5899	A-5169	8976	A-5172	B-4826	8826
Bowl	Part No.	5898	5700	B-5170	8977	B-5173	B-4827	8817
Packer	Part No.	189	1140	B-2199	8114	L-5950	L-4505	8818
Spiral Grapple	Part No.	185	1135	B-2201	8112	B-4369	M-1071	8819
Spiral Grapple Control	Part No.	188	1137	B-2202	8113	B-4370	M-1072	8820
Standard Guide	Part No.	187	1143	B-2203	8121	B-4371	L-1074	8821
Basket Parts								
Basket Grapple	Part No.	185	1135	B-2201	8112	B-4369	M-1071	8819
Basket Grapple Control	Part No.	188	1137	B-2202	8113	B-4370	M-1072	8820
Mill Control Packer	Part No.	189-R	1140-R	B-2199-R	8114-R	L-5950-R	M-4505	L-8818-R

A (6.625" turned down to 6.500" O.D.) Bowen Series 150 Overshot will be used to perform this overshot operation. Details on the overshot are listed above. Casing to tubing clearance dimensions are listed below.

5.5" 17# FJ Casing Inside 7.625" 39# FJ Casing													
Clearance (in)	Pipe Size (in)	Weight lb/ft	Grade	Conn.	Type	Body O.D. (in)	Coupling O.D. (in)	I.D. (in)	Drift (in)	Lined Wt. lb/ft	Lined I.D. (in)	Flare I.D. (in)	Lined Drift (in)
0.500	7 5/8	39.0	HCL-80	FJ	Casing	7.625	7.625	6.625	6.500	-	-	-	-
	5 1/2	17.0	HCL-80	FJ	Casing	5.500	5.500	4.892	4.767	18.500	4.520	4.400	4.275

*Red Indicates Tubing

Fishing Procedure

Overshot Fishing Procedure

In the Event of a Connection Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up 2 points over neutral weight.
3. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
4. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage tubing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up 2 points over neutral weight.
5. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
6. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

In the Event of a Body Break

- If fishing neck is clean

1. Trip in hole with overshot and engage fish.
2. Pick up 2 points over neutral weight.
3. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
4. Once released from packer, trip out of hole with fish.

- If dressing fishing neck is required

1. Trip in hole with mill and dress fishing neck to allow for overshot to engage tubing.
2. Trip out of hole with mill.
3. Trip in hole with overshot and engage fish.
4. Pick up 2 points over neutral weight.

5. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
6. Once released from packer, trip out of hole with fish.

A skirted mill may be substituted for a standard mill to ensure pipe stabilization and the casing is not damaged while milling

Spear Fishing Procedure

If an overshot cannot be used to retrieve the fish, a spear may be used.

- Due to the use of insert lined tubing, the composite liner must be removed from the tubing before engaging the fish with a spear.
1. Trip in hole with spear sized to engage the I.D. of the insert liner.
 2. Engage the insert liner inside the tubing with spear.
 3. Pull the insert liner out of the tubing.
 4. Trip out of hole with insert liner.
 5. Trip in hole with spear sized to engage the I.D. of the tubing.
 6. Engage the tubing with spear.
 7. Pick up 2 points over neutral weight.
 8. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
 9. Once released from packer, trip out of hole with fish.

Inside Diameter Cutting Tool Fishing Procedure

If an overshot is required but a mill cannot be used to dress off a fishing neck, an inside diameter cutting tool may be used.

- Due to the use of insert lined tubing, the composite liner must be removed from the tubing before engaging the fish with a spear.
1. Trip in hole with spear sized to engage the I.D. of the insert liner.
 2. Engage the insert liner inside the tubing with spear.
 3. Pull the insert liner out of the tubing.
 4. Trip out of hole with insert liner.
 5. Trip in hole with inside diameter cutting tool and cut the tubing below the damaged fishing neck.
 6. Trip out hole with cutting tool.
 7. Trip in hole with spear sized to engage the I.D. of the tubing.
 8. Engage the previously cut tubing segment with spear.
 9. Trip out hole with cut tubing segment and spear.
 10. Trip in hole with overshot and engage fish.
 11. Pick up 2 points over neutral weight.
 12. Turn pipe 10-15 turns to the right to release the seal assembly from the packer.
 13. Once released from packer, trip out of hole with fish.

Plugging Risk Assessment

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Abandonment Procedure

If the tubing cannot be recovered and the well is to be abandoned.

- The operator will ensure that all geologic formations are properly isolated.
- 1. Confirm the I.D. of the injection tubing is free from obstructions.
- 2. Run in hole with wireline set profile plug.
- 3. Set plug inside of packer assembly.
(Plug will allow cement to fill the I.D. of the injection tubing and the tubing to casing annulus)
- 4. Run in hole with wireline conveyed perforating guns and perforate the tubing immediately above the packer.
- 5. Trip in hole with an overshot, spear, cement retainer or isolation tool that will provide a work string-to- injection tubing seal.
- 6. Engage the fish with sealing tool.
- 7. Confirm circulation down the tubing and up the tubing-to-casing annulus.
- 8. Cement the work string, injection tubing, injection tubing-to-casing annulus and work string-to-casing annulus to surface.
- 9. Confirm the entirety of the wellbore is cemented to surface and all zones are isolated.
- 10. ND wellhead and install permanent capping flange.

Exhibit 2

Notice Affidavit and Documents

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

**APPLICATION OF PERMIAN OILFIELD PARTNERS, LLC
FOR APPROVAL OF SALT WATER DISPOSAL WELL
IN LEA COUNTY, NEW MEXICO**

Case No. 20961

AFFIDAVIT

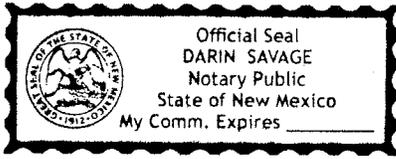
STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Lara Katz, attorney in fact and authorized representative of Permian Oilfield Partners, LLC, the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was provided under a notice letter and that proof of receipt is attached hereto.



Lara Katz

SUBSCRIBED AND SWORN to before me this 9th day of December, 2019 by Lara Katz.



Notary Public

My commission expires: 8/1/23

Transaction Report Details - CertifiedPro.net

Date Created= 10/01/2019 - 12/9/2019

Generated: 12/9/2019 7:57:08 AM

USPS Article Number	Date Created	Reference Number	Name 1	City	State	Zip	Mailing Status	Service Type	Delivery Date
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9314869904300065945234	2019-11-20 9:36 AM	RAMROD SWD #1	MRC PERMIAN CO	DALLAS	TX	75240-1017	Delivered	Certified Mail	11-25-2019
9314869904300065945128	2019-11-20 9:35 AM	RAMROD SWD #1	ERIC J COLL	ROSWELL	NM	88202-1818	Delivered	Certified Mail	11-25-2019
9314869904300065945067	2019-11-20 9:34 AM	RAMROD SWD #1	BRAD AND DEBBI JEFFERS	ROSWELL	NM	88201-7865	Delivered	Certified Mail	11-23-2019
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9314869904300065944930	2019-11-20 9:31 AM	RAMROD SWD #1	COLL BROTHERS OIL	ROSWELL	NM	88202-1818	Delivered	Certified Mail	11-25-2019
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9314869904300065944435	2019-11-20 9:21 AM	RAMROD SWD #1	RYAN MILLER	ROSWELL	NM	88201-4785	Delivered	Certified Mail	11-25-2019
9314869904300065944350	2019-11-20 9:19 AM	RAMROD SWD #1	RICHARD J FORREST JR	CARLSBAD	NM	88220-8800	Delivered	Certified Mail	11-25-2019
9314869904300065944275	2019-11-20 9:18 AM	RAMROD SWD #1	ENERGEX LLC	LUBBOCK	TX	79424-5037	To be Returned	Certified Mail	
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9314869904300065943698	2019-11-20 9:14 AM	RAMROD SWD #1	BASS ENTERPRISES CO	MIDLAND	TX	79702-2760	To be Returned	Certified Mail	
9314869904300065943551	2019-11-20 9:13 AM	RAMROD SWD #1	THRU LINE OG NM LLC	FT WORTH	TX	76102	Delivered	Certified Mail	11-27-2019
9314869904300065942738	2019-11-20 9:11 AM	RAMROD SWD #1	BEPCO LP	MIDLAND	TX	79707-2157	To be Returned	Certified Mail	
9314869904300065942233	2019-11-20 9:06 AM	RAMROD SWD #1	XTO DELAWARE BASIN LLC	MIDLAND	TX	79707-2157	To be Returned	Certified Mail	
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9314869904300065941182	2019-11-20 8:51 AM	RAMROD SWD #1	BUREAU OF LAND MANAGEMENT	CARLSBAD	NM	88220-6292	Delivered	Certified Mail	11-25-2019

Affidavit of Publication

Ad # 0003923424

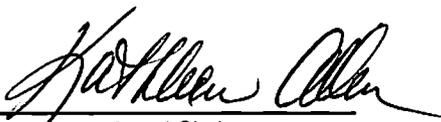
This is not an invoice

KAIYA DEWEY TOOP
555 RIVERGATE LANE, STE. B4-180

DURANGO, CO 81301

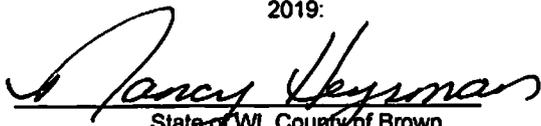
I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements 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:

November 27, 2019



Legal Clerk

Subscribed and sworn before me this November 27, 2019:



State of WI, County of Brown
NOTARY PUBLIC
5.15.23

My commission expires

NANCY HEYRMAN
Notary Public
State of Wisconsin

Case No. 20961: Notice to all affected parties, as well as the heirs and devisees of MARATHON OIL PERMIAN LLC BOPCO,LP;XTO PERMIAN OPERATINGLLC;XTO DELAWARE BASIN LLC;BEPCO,LP;THRU LINE OG NM LLC;BASSETER PRISESCO.; FINLEY RESOURCESNC.; AXIS ENERGY CORP. ENERGEX LLC; RICHARD J. FORREST, JR.; RYAN MILLER CLARKE COLL; COLL BROTHERS OIL; THOMAS D. RAMAGE MD; BRAD AND DEBBIJEFFERS ERIC J. COLL; MRC PERMIAN CO.; HIGH ROLLER LOGISTICS LLC; BUREAU OF LAND MANAGEMENT; NEW MEXICO STATE LAND OFFICE: Permian Oilfield Partners, LLC, P.O. Box 3329, Hobbs, New Mexico, 88241 has filed an application for hearing along with a C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division for approval of a salt water disposal well in Eddy County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on December 12, 2019, to consider this application. Applicant seeks an order approving disposal into the Devonian-Silurian formation through the Ramrod Fee SWD #1 well at a surface location 323 feet from the South line and 2,227 feet from the East line of Section 17, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico for the purpose of operating a salt water disposal well. Permian seeks authority to inject salt water into the Devonian-Silurian formation at a depth of 12,851' to 13,530'. Permian Oilfield Partners, LLC further seeks approval of the use of 7 inch tubing inside the surface and intermediate casings and 5.5 inch tubing inside the liner and requests that the Division approve a maximum daily injection rate for the well of 50,000 bbls per day.
Current-Argus, 11/27/2019, Legal ad #3923424

Ad # 0003923424
PO #: 20961
of Affidavits : 1
This is not an invoice