

BTA OIL PRODUCERS, LLC

CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL
BARRY BEAL, JR.
STUART BEAL
STUART BEAL
CARLTON BEAL, JR.
STUART BEAL
STU

GULF COAST DISTRICT TOTAL PLAZA 1201 LOUISIANA STREET, STE. 570 HOUSTON, TEXAS 77002 713-658-0077 FAX 713-655-0346

ROCKY MOUNTAIN DISTRICT 600 17TH STREET, STE. 2230 SOUTH DENVER, COLORADO 80202 303-534-4404 FAX 303-534-4661

October 11, 2012

RE:

Application for Authorization to Inject Gem, 8705 JV-P #3 WIW 660' FSL & 1980' FEL Section 2, T20S, R33E Lea County, NM

NEW MEXICO OIL CONSERVATION COMMISSION OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

Attn: Mr. William Jones

Dear Mr. Jones,

ROBERT DAVENPORT, JR.

BTA Oil Producers LLC hereby seeks approval for Authorization to Inject at the above referenced location. This is a current disposal well (SWD-794). We are proposing to plug back from the current Delaware perforations and open a new Delaware interval. We plan to utilize this well to enhance recovery.

Enclosed herewith is our Application Packet.

BTA has notified all Offset Operators and the Surface Owner of our intentions by certified mail. We will forward copies of the signed "green card" PS Form 3811 certifications as soon as all are received back.

BTA has also published a Legal Notice in the Hobbs Daily News-Sun. We will forward the Affidavit of Publication as soon as it is provided us.

Should further information be required to approve this application, please advise.

Respectfully,

Pam Inskeep

BTA Oil Producers LLC

Enc.

'STATE^TOF 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: X Secondary Recovery Pressure Maintenance Disposal Storage Application qualifies for administrative approval? X Yes No
II.	OPERATOR: BTA OIL PRODUCERS LLC
	ADDRESS: 104 S Pecos, Midland, TX 79701
	CONTACT PARTY: Pam Inskeep PHONE: 432-682-3753
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. V.	Is this an expansion of an existing project? Yes X No If yes, give the Division order number authorizing the project: Note: This location is in a potash area 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:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and, 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. *X. *XI.	Describe the proposed stimulation program, if any. Well will be acidized with 1500 gal 15% HC NeFe. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). Well logs were filed with the Division with the original completion. 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: Pam Inskeep TITLE: Regulatory Administrator
	SIGNATURE: DATE: 10/11/2012
*	E-MAIL ADDRESS: <u>pinskeep@btaoil.com</u> 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.

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

PERATOR:	BTA OIL PRODUCERS LLC				
VELL NAME & NUMBER:	8705 JV-P Gem No. 3 WIW				
	660' FSL & 1980' FEL, UL O, AGE LOCATION	Sec. 2, T20S, R33E, Lea UNIT LETTER	County, NM SECTION	TOWNSHIP RA	ANGE
WELLBORE SCH				ONSTRUCTION DATA	•
		Hole Size:	26"	Casing Size: 20"	
		Cemented with:	<u>2100</u> sx.	or	ft ³
		Top of Cement:	surface	Method Determined:ci	<u>rc</u>
			<u>Intermedia</u>	te Casing	
		Hole Size:	17-1/2"	Casing Size: 13-3/8"	
		Cemented with:	2200_ sx.	or	ft ³
		Top of Cement:	surface	Method Determined:ci	rc
			Productio	n Casing	
		Hole Size:	12-1/4"	Casing Size: 9-5/8"	
		Cemented with:	<u>1600</u> sx.	or	ft ³
		Top of Cement:	surface	Method Determined:ci	rc
		Total Depth:	13700'		
	·		Injection	Interval	
		Propose	6618 fee	et to 6648 Perf	

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tub	ing Size:	2-7/8"	Lining Mate	rial:	intern	ally plastic-coated	
Typ	e of Packer:	Arrowset II					
Pac	ker Setting De	epth: <u>6568</u> 3					
Oth	er Type of Tu	bing/Casing S	eal (if applicable):	CIBP @ ±7	700, <u>ca</u>	p w/40' cmt	
			Additional Data				
1.	Is this a new	well drilled fo	r injection?	Yes	_ <u>X</u> _	No	
	If no, for wh		the well originally drilled?				
2.	Name of the	Injection Forn	nation:Delaware				
3.	Name of Fie	ld or Pool (if a	pplicable):SWD; De	laware			
4.		-	forated in any other zone(s) detail, i.e. sacks of cement		-		<u>1</u>
	Attachn	nent A					
5.			of any oil or gas zones unde				
	Yates 3	300'; Bone Sp	ring 9300'				
				<u>.</u>	· · · · · · · · · · · · · · · · · · ·		

Attachment A

∭ Well Data

Section A:

1. Lease Name:

Gem, 8705 JV-P No. 3 WIW

Location:

660' FSL & 1980' FEL, Sec 2, T20S, R33E, Lea County, NM

Note:

Well is located in a potash area

2. Casing and Cement

EXISTING				
Casing Size	Setting Depth	Sacks Cement	<u>Hole Size</u>	Top of Cement
20"	1385′	2100	26"	Circ to Surface
13-3/8"	3100′	2200	17-1/2"	Circ to Surface
9-5/8"	5426'	1600	12-1/4"	Circ to Surface
5-1/2"	13,700′	2900	8-3/4"	Circ to Surface
PROPOSED				
Casing Size	Setting Depth	Sacks Cement	<u>Hole Size</u>	Top of Cement
20"	1385′	2100	26"	Circ to Surface
13-3/8"	3100'	2200	17-1/2"	Circ to Surface
9-5/8"	5426'	1600	12-1/4"	Circ to Surface
5-1/2"	13,700'	2900	8-3/4"	Circ to Surface

Section B:

1. Injection Formation:

Delaware

Field or Pool Name:

SWD; Delaware

2. Injection Interval:

6618 - 6648'

3. Original Purpose of Well:

Drilled to test Morrow Formation

Current Purpose of Well:

Disposal in the Delaware

4. Other perforated intervals, bridge plugs, cement plugs:

Morrow Perforations:

13534 - 13588' CIBP @ 13500' w/20' cement

Morrow Perforations:

13222 - 13393' CIBP @ 13190' w/40' cement

Atoka Sand Perforations:

12762 - 12781' Squeezed w/25 sx cement, CIBP @ 12550'

w/40' cement

Bone Spring Perforations: 9320 – 9340'

CIBP @ 9250' w/30' cement

9388 - 9448'9538 - 9585'

9843 - 9864' 10196 - 10237'

Delaware Perforations:

7743 - 8022'

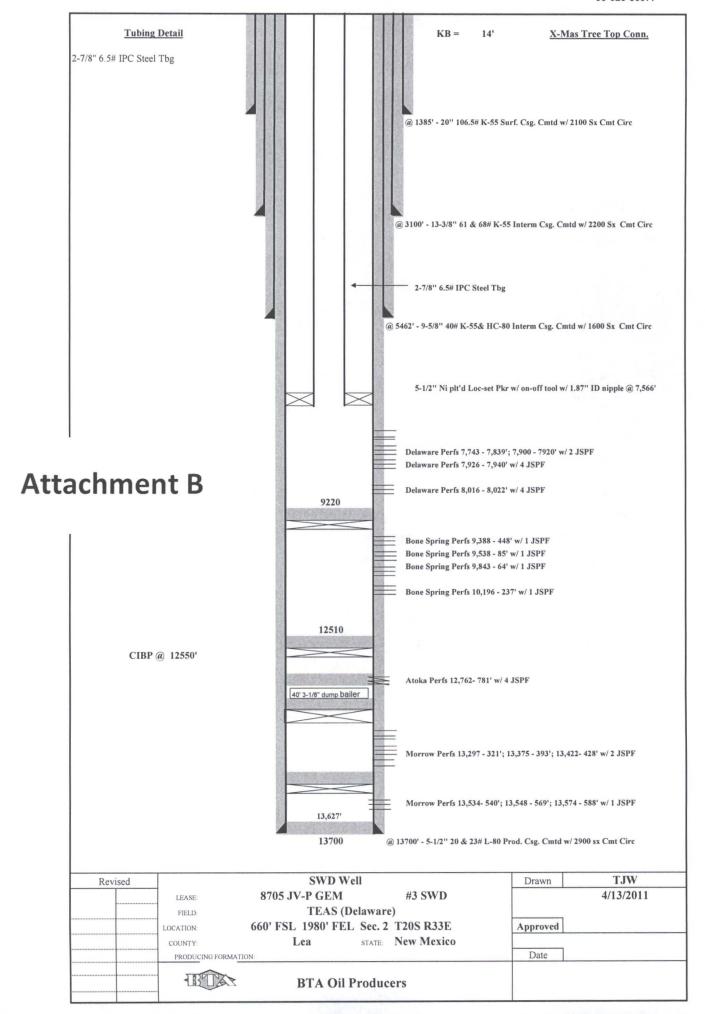
(Proposed CIBP @ ±7700')

5. Next higher oil & gas zone: Yates (3300')

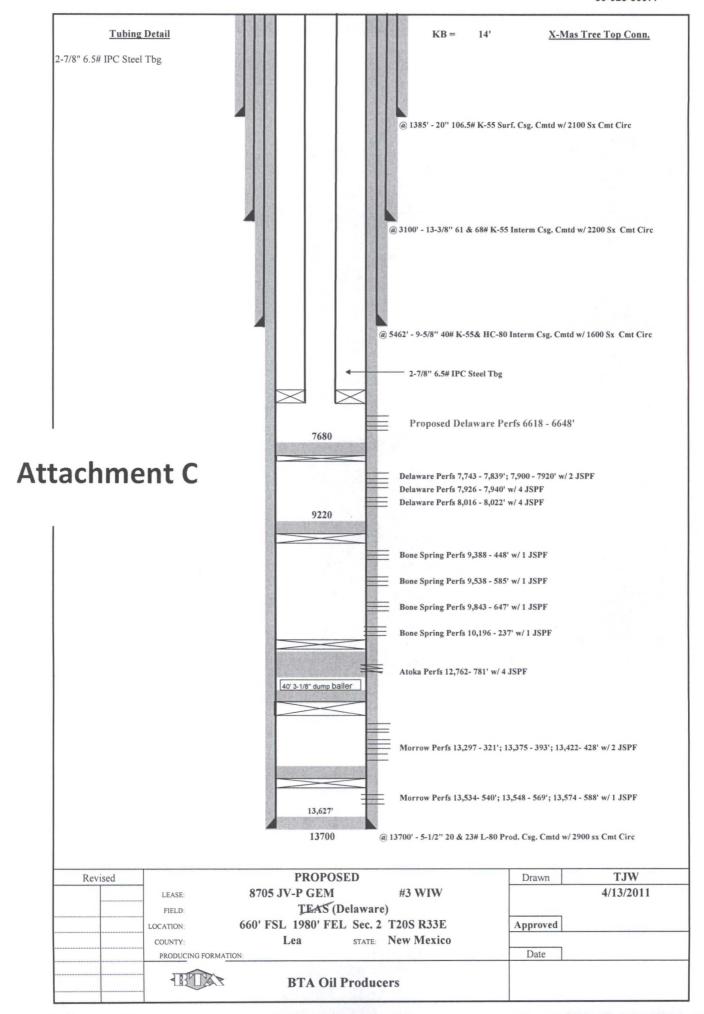
Next lower oil & gas zone: Bone Spring (9300')

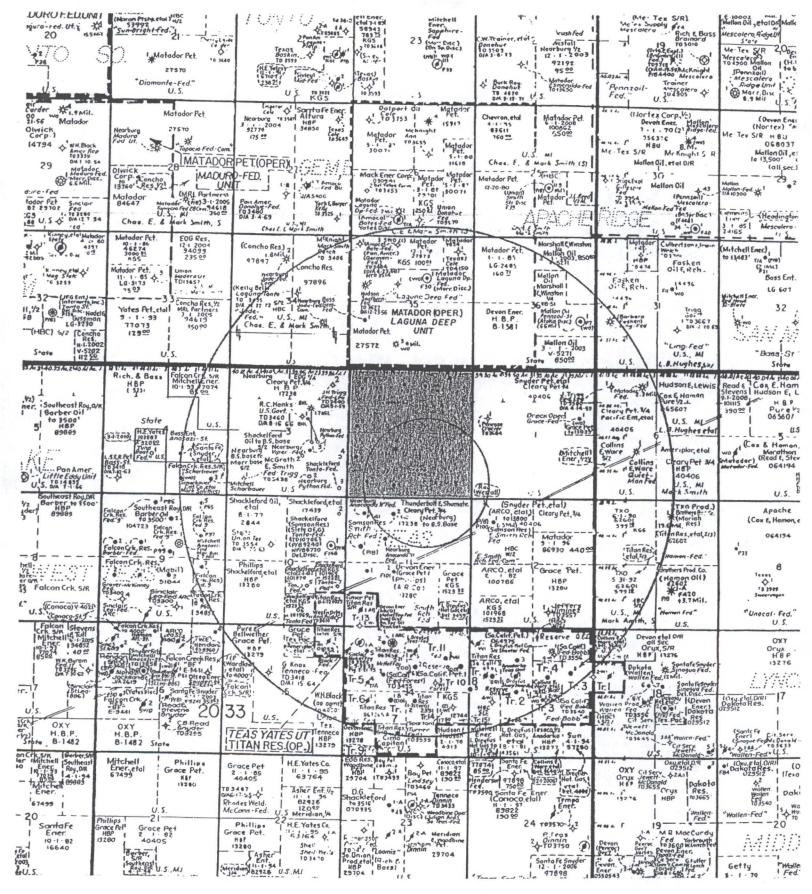
See current and proposed wellbore schematic (Attachments B & C)

See Structural Cross-Section (Attachment E)



1





Attachment D

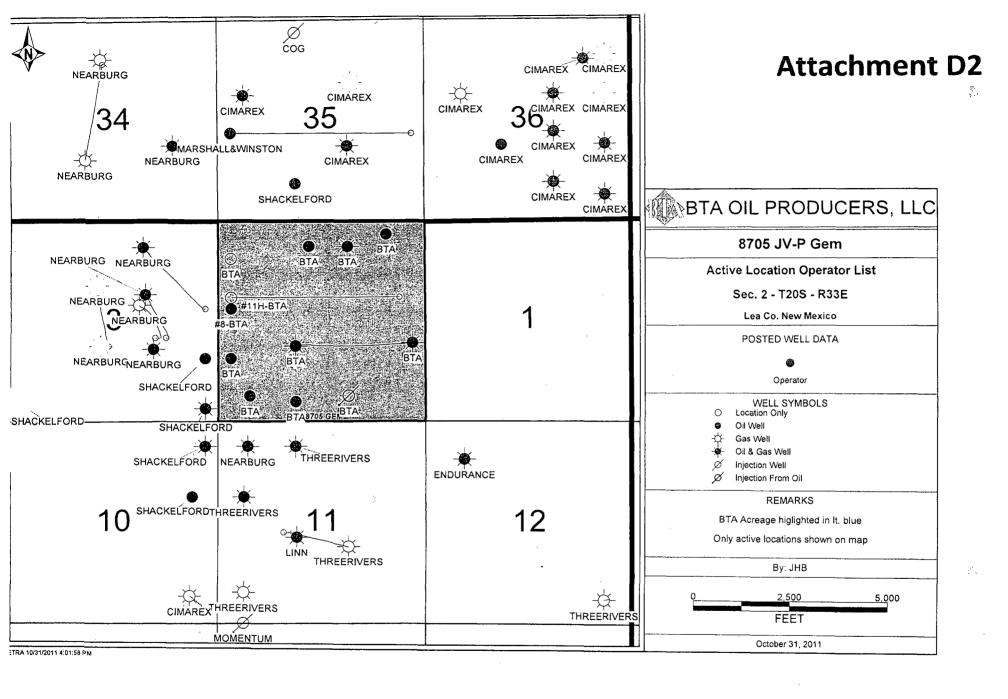
BTA Oil Producers – Gem 8705 JV-P No. 3W/W Wells within ½ mile and 2 mile radius

BTA Oil Producers LLC Application for Auth to Inject Gem. 8705 JV-P No. 3 WIW 30-025-30977

Attachment D1			- \(\-	9		
	31	36,	5	32		33
BTA OIL PRODUCERS, LLC 8705 JV-P Gem #3 Location Map	*	, s	- • •	5 2 10	Ø 2	
Lea Co. New Mexico POSTED WELL DATA	6	1	2	3	1 443	4
Well Number WELL SYMBOLS O Location Only Drilled, Waiting on Completion			Ø, J	· · · · · · · · · · · · · · · · · · ·	6 3	· ·
Oil Well Gas Well Oil & Gas Well Ory Hole Injection Well Plugged & Abandoned Oil Well Plugged & Abandoned Gas Well Injection From Oil Plugged Injection From Oil Service Well Abandoned Service	7	12	12 Radius	10	5 946 6 945 7 945	9
REMARKS 1/2 Mile Radius Indicated in Red Only Wells Within 2 Mile Radius Shown on Map See Exhibit "A" For Well List By: JHB	18	• • • • • • • • • • • • • • • • • • •	4 WIJ WIJ	15		16
0 3,000 6,000 FEET May 7, 2012 BTA Oil Producers LLC			:	33E	05-	T2

VI AOR Well Data

Well			Type of	Spud	Comp	TD	Comp	Producing	C	asing Progra	am	
Name	Operator	Location	Well	Date	Date.	PBTD	Interval	Formation	Casing	Depth	Amt Cmt	Circ
Gem 8705 JV-P #6H	BTA Oil Producers LLC	1980' FSL & 1980' FWL 2039 FSL & 340' FEL BHL 2-20S-33E	Oil	8/5/1991	10/29/1991 Rec 12/26/2008	12908' MD 10178' TVD 12409' CIBP @ 12675'	10400 - 12392'	Bone Spring	20" 13-3/8" 8-5/8" 5-1/2"	1385 3116 5490 13640	2200 1700	Circ 4090
Gem 8705 JV-Р #6H	BTA Oil Producers LLC	660' FSL & 810' FWL 2-20S-33E	Oil	6/5/1991	9/7/1991	10,340' 7,962'	6540 - 6560'	Delaware	20" 13-3/8" 8-5/8" 5-1/2"	1400 3100 5490 10340	2100 1700	Circ 4130
Gem 8705 JV-P #4	BTA Oil Producers LLC	510' FSL & 1980' FWL 2-20S-33E	Oit	4/12/1991	6/1/1991	10,297' 10,206'	9367 - 9418' 6583 - 6591'	Delaware Bone Spring (commingled)	20" 13-3/8" 8-5/8" 5-1/2"	1370 3310 5550 10293	2200 1700	Circ 4160
Gem 8705 JV-P #1	BTA Oil Producers LLC	660' FNL & 1980' FEL 2-20S-33E	Oil	6/7/1987		13,700' 10,230' RBP @ 6975'	6592 - 6599' 6312 - 6360'	Delaware Bone Spring (commingled)	20" 13-3/8" 8-5/8" 5-1/2"	1350 3085 4015 13700	2150 640	Circ 4300
Gem 8705 JV-P #5	BTA Oil Producers LLC	660' FSL & 810' FWL 2-205-33E	Oil	6/5/1991	8/27/1991 Rec 9/09/1999	10,340' 7,962'	6540 - 6550'	Delaware	20" 13-3/8" 8-5/8" 5-1/2"	1400 3100 5490 10340	2,100 1700	Circ 4130
Smith Ranch Federal #2	Three Rivers Op Co LLC	660' FNL & 1980' FWL 11-205-33E	Oil	1/26/1991	11/8/1993 Rec 1/28/2008	9,746' 9,724'	6483 - 6590'	Delaware	13-3/8" 8-5/8" 5-1/2"	438 5279 9744	500 800 1350	Circ Circ 4500
State YS #1	Aztec Oil & Gas	660' FSL & 1980' FWL 2-20S-33E	. P&A	10/28/1971	11/12/1971	3,562'	3460-3562'	Seven Rivers	9-5/8 " 7"	1396 3150		1
		, , , , , , , , , , , , , , , , , , ,									* BTA Calcu	ılated



BTA Oil Producers LLC Application for Auth to Inject Gem. 8705 JV-P No. 3 W1W 30-025-30977

Application for Auth to Inject Gem. 8705 JV-P No. 3 \(\mathbb{W} \) \(\mathbb{W} \) \(30-025-30977 \)

Exhibit "A" to Active Operator Map

API#	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls
30025243240000		LAGUNA TONTO	1	34	198	33E	2310'FNL & 2310'FEL
		JADE::34 FEDERAL COM	1	- 34	19S	33E ₂ :	1980!FSL & 1150!FEL
material file to the file of the contract and the file of the contract and	the second section of the second	JADE 34 FEDERAL COM	1. 1.	34	19S	33E	1980'FSL & 1150'FEL
the operation of the same of t	NEARBURG PROD CO	JADE 34 FEDERAL	1.	34	1 9S	33E	- 1980'FSE&-1150'FEL-
COLUMN TO A STATE OF THE STATE	NEARBURG PROD CO	JADE 34 FEDERAL COM	3	34	198	33E	1115'FNL & 2364'FWL
		SAUNDERS-FEDERAL	1	35	195	33E	-1980'ENL& 1980'FWL
The state of the s	TEXACO INCORPORATED	COLE	1	35	195	33E	660'FNL & 660'FEL
<u> </u>	COG OPERATING LEC	GORMAN-FEDERAL **	1	35	198	33E	330'FNL & 1980'FWL
And the fact that I have a second to the sec	MCKNIGHT BYRON M	MARK SMITH RANCH	1	35	198	33E	330'FNL & 330'FWL
30025258860000	MATADOR OPER CO	LAGUNA DEEP FEDERAL	* 1	: 35	19S	33E	1650'FNL & 1900'FEL
30025271520000	MATADOR OPER CO	LAGUNA DEEP UNIT	3	35	195	33E	990'FSL & 1980'FWL
30025271520001	MATADOR OPERATING CO	LAGUNA DEEP FEDERAL	. 3	35	198	33E	990'FSL & 1980'FWL
30025271520002	SHACKELFORD OIL CO	LAGUNA DEEP FEDERAL	3	35	198	33E	990'FSL & 1980'FWL
30025335720000	BASS ENTRPRS PROD CO	GEM 35 FEDERAL	1.	35	19S	33E	1980'FSL & 660'FWL
30025347490000	CIMAREX ENERGY OF CO	LAGUNA DEEP UNIT FEDERAL	5	35	198	33E	1980'FNL & 660'FWL
30025347490001	CIMAREX ENERGY OF CO	LAGUNA DEEP FEDERAL UNIT	5	35	195	33E	1980'FNL & 660'FWL
30025376860000	CIMAREX ENERGY OF CO.	LAGUNA DEER UNIT	9	: 35	19S	33E.	1980'FSL'& 1980'FEL
30025399460000	MARSHALL & WINSTON INC	LAGUNA DEEP UNIT FEDERAL 35	1H	35	198	33E	2310'FSL & 330'FEL
30025299180000	MALLON OIL COMPANY	PENNZOIL STATE '36' COM	1	- 36	19S	33E**	1980'FSL'& 660'FEL
30025299180001	MALLON OIL CO	PENNZOIL. 36 STATE	37 1 2	36	19 S "	33E .	1980'FSL' & 660'FEL
30025299180002	MALLON OIL CO	PENNZOIL '36' STATE	1.	36	19S	33E#	1980'FSL & 660'FEL
30025362550000	CIMAREX ENERGY OF CO	LAGUNA DEEP UNIT	7	3.6	195	33E.	1980'FNL & 950'FWL
30025362550001	CIMAREX ENERGY OF CO	LAGUNA DEEP UNIT	7	36	195	33E	1980'FNL & 950'FWL
30025379910000	CIMAREX ENERGY OF GO TO SEE	PĒNNZOIL B36 ŠTATE	1	36	198	33Ê	1980'FNL & 660'FEL
30025383000000	CIMAREX ENERGY OF CO	PENNZOIL B 36 STATE	2	36	195	33E	2310'FSL & 1980'FEL
30025385560000	CIMAREX ENERGY OF CO	LAGUNA DEEP UNIT	16.	36	19S	33E	1980'FSL & 1980'FWL
	CIMAREX ENERGY OF CO	PENNZOIL B 36 STATE	3	36	195	33E	1980'FNL & 1980'FEL
	GIMAREX ENERGY OF CO	PENNZOIL B 36 STATE	4	: 36	19S	33E	990'FSL & 1980'FEL
	CIMAREX ENERGY OF CO	PENNZOIL B 36 STATE	5	36	198	33E	660'FSL & 660'FEL
30025303360000	FASKEN OIL AND RANCH LTD.	LING REDERAL	2	31	19S	34E	1980!FSL & 660'FWL
30025017050000	PENROSE NEVILLE G	CROZIER AD-1	1		20S	33E	1980'FNL & 660'FWL
30025308960000	BRECK OPERATING CORP.	GRAGE 1 FEDERAL	1	1,1	20S.	33Ë	1980'FNL & 660'FEL
	BRECK OPERATING CORP	GRACE FEDERAL	1	ALC: THE PARTY	20S	33E	1980/FNL& 660/FEL
30025238970000	AZTEC OIL & GAS CO	STATE YS	1	7 10 1 1000	20\$	33E	660'FSL & 1980'FWL

Exhibit "A" to Active Operator Map									
API#	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls		
30025299160000 B	TA OILPRODUCERS LLC	GEM:8705:JV:P	1:	. 2	20S	33Ê	= 660 FNL & 1980 FEL		
CONT. LANCON AL LISTON AND ADMINISTRATION OF THE ADMINISTRATION OF THE PARTY OF THE		GEM:87.05:JV-P/."	1	2	205	33E/	660 FNL & 1980 FEL		
PARTICIPATION OF STREET, STREE	TA OIL PRODUCERS ILIC.	8705UV-P.GEM	1	. 2	20S	33E	660'FNL & 1980'FEL		
The region of the second secon	STA OIL PRODUCERS LLC	GEM 8705 JV-P	2	2	20S	33E	660'FNL & 2310'FWL		
30025304680001 B	STA OIL PRODUCERS LLC	GEM 8705 JV-P	2		205	33E	660'FNL & 2310'FWL		
30025309770000 B	BTA:OIL PRODUCERS:ELG	GEM.8705 JV-P	3	1 - 2	20S	33E	660 FSL:& 1980 FEL		
30025309770001 B	BTA OIL PRODUCERS LLC	GEM-8705 JV-P	3,24	2	20S	33E	# 660 FSL & 1980 FEL		
30025309770002 E	STA:OIL PRODUCERS LLC	GEM 8705 JV-P	3	. 2	20S	33E	660 FSE & 1980 FEL		
30025312090000 B	STA OIL PRODUCERS LLC	8705-JVP GEM	4	2	205	33E	510'FSL & 1980'FWL		
30025312090001 B	STA OIL PRODUCERS LLC	8705 JV-P GEM	4	2	20S	33E	510'FSL & 1980'FWL		
30025312710000 E	STA OIL PRODUCERS, LLC+	8705 JV-P GEM	5 5	2	20S	33E:	- 660'FSL-8'810'FWL		
30025312710001 E	BTA OIL PRODUCERS LLC	8705JV-P.GEM	-5.	2	20S	33E	660'FSL'& 810'FWL		
30025313180000 E	STA OIL PRODUCERS LLC	8705 JV-P GEM	6	2	20S	33E	1980'FSL & 1980'FWL		
30025313180001 E	STA OIL PRODUCERS LLC	GEM 8705 JV-P	6	2	205	33E	1966'FSL & 1975'FWL		
30025347260000 E	BTA OILIPRODUCERS LLC: + =	87.05 JV:P:GEM-Park Park	E - 7.	2	20S	33E*	: 1650 FSL & 330 FWL		
30025347270000 E	STA OIL PRODUCERS LLC	8705 JV-P GEM	8	2	205	33E	2310'FNL & 330'FWL		
30025347270001 E	BTA OIL PRODUCERS LLC	8705 JV-P GEM	8	2	205	33E	2310'FNL & 330'FWL		
30025348410000 E	STA OIL PRODUCERS LEC	8705 JV-P-GEM	9	% , 2	20S	33E	330 FNL & 990 FEL		
30025401280000 E	BTA OIL PRODUCERS LLC	GEM 8705 JV-P	12	2	205	33E	2310'FNL & 660'FWL		
30025403150000 E	BTA OIL PRODUCERS LLC	GEM.8705 JV-P	10	- 2	20S	33E:	990/FNL & 330/FWL		
30025403160000	STA OIL PRODUCERS LLC	GEM 8705 JV-P	11H	2	205	33E	1980'FNL & 660'FEL		
.30025017060000 N	MCGRATH & SMITH INC. +	TRIGG-FED	21221	. 3	20S	33E .	-660'FSL& 660'FWL		
30025017070000 7	TRIGG JOHN H	FEDERAL LEA 3	2	3	20S	33E	658'FNL & 660'FEL		
30025218360000 F	HANKS ROGERIC INC	U:S GOVERNMENT	1	3	20S∞	33E;>	. 1980'FNL & 1980'FEL		
30025345430000 n	NEARBURG PROD CO	VIPER `3` FEDERAL	1	3	20S	33E	2200'FSL & 1600'FEL		
30025347280000 S	SHAGKELFORD OIL COAS TO SHAGKELFORD	TONTO FEDERAL	3	3	20S	33E .	330'FSL'& 330'FEL		
30025348720000 N	NEARBURG PROD CO	PYTHON '3' FEDERAL	1	3	205	33E	1900'FSL & 1650'FEL		
30025349130000 N	NEARBURG PROD CO	PYTHON:3 FEDERAL 2	2	3	20S	33E	4855'FSL'& 1650'FEL		
30025349350000 \$	SHACKELFORD OIL CO	TONTO FEDERAL	4		20\$	33E	1650'FSL & 330'FEL		
30025350810000 N	NEARBURGIPRODICO	PYTHON 3º FEDERAL * *	3	O . 41 Lat. 147-147		33E	2200'FSL & 1330'FEL		
30025354210000	NEARBURG PROD CO	PYTHON '3' FEDERAL	7			33E	1980'FSL & 2310'FWL		
30025354740000	NEARBURG PROD GO	PYTHON 3: FEDERAL	4	A COMMANDE OF THE PERSON	and the second of	33E	2310/FNL 230/FEL		
30025354750000 N	NEARBURG PROD CO	PYTHON '3' FEDERAL	5		20S	33E	2310'FNL & 330'FEL		
30025356470000 N	NEARBURG PROD (CO)	PYTHON 3 FEDERAL	6 5		1 4 11 4 11 4 1 4 1 4 1 4 1 4 1 4 1	33E	1980/FSL & 2510/FW/L		

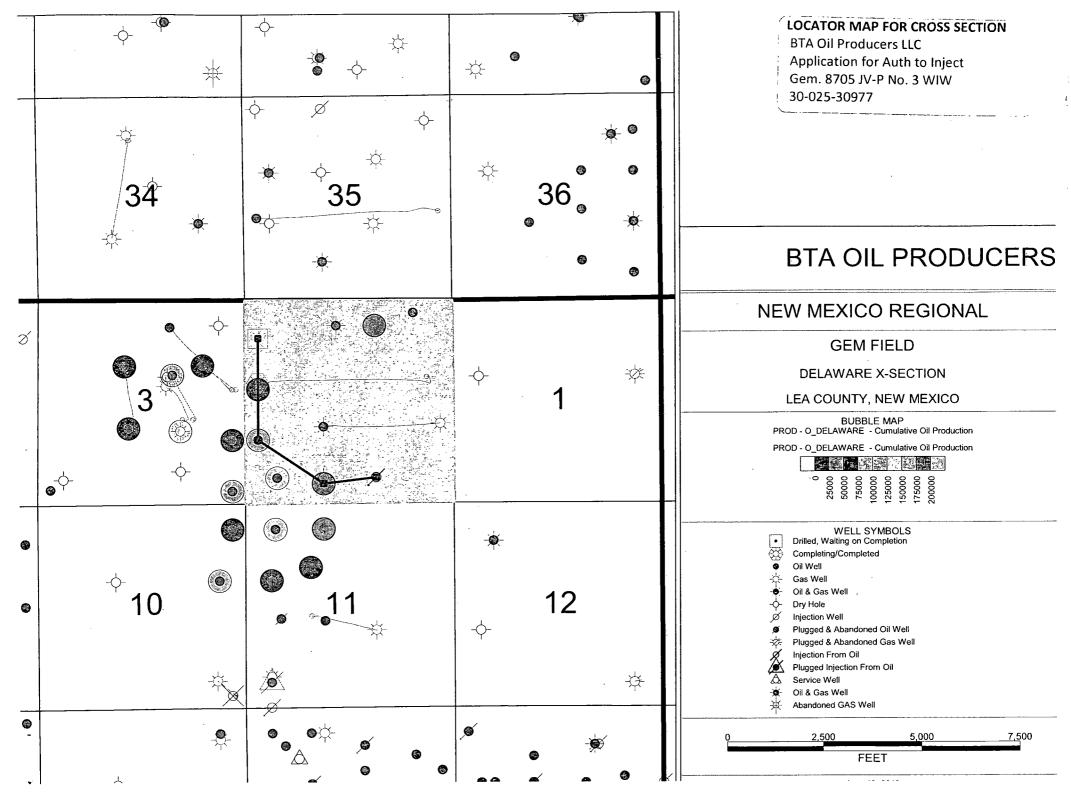
API#	Operator	it "A" to Active Operato	Well No.		Twn	Rng	Footage Calls
	SHACKELFORD OIL CO	LONE RANGER	1	3	205	33E	400'FSL & 330'FWL
		SCHARBAUER 4	37	4	20S	33E	=660 FSE&\660 FEL
Transport to the second	CHESAPEAKE OPER INC	WEST TEAS YATES SEVEN RIVERS UNIT	443	4	205	33E	1650'FSL & 660'FEL
	CHESAPEAKE OPER INC	SMITH 4 FEDERAL	1	e 4	20S	33E	2310'FNL & 660'FEL
CALLE CONTROL OF THE STREET OF THE STREET OF THE STREET OF THE STREET	CHESAPEAKE OPER INC	SMITH 4 FEDERAL	2	No. 120 C. D. Charles	20S	33E	990'FNL & 395'FEL
·	CHESAPEAKE OPER INC	FEDERAL 9	\$ 25		20S	33E	330'ENL & 990'EEL
CARE FORM TRIANS LANGUAGES TO WARRENCE AND REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF TH	STEVENS & TULLING	FEDERAL'9	5 5	Care L'a Service	20S	33Ë	330'FNL & 990'FEL
NAME AND ADDRESS OF THE OWNER OF THE PARTY O	CHESAPEAKE OPER INC	FEDERAL '9'	6	a segginal part of our	205	33E	1650'FNL & 990'FEL
	CHESAPEAKE OPER INC.	FEDERAL 9	7 7		20S	33E+5	2310'FSL-8-990'FEL
CONTRACTOR AND INCIDENTIAL PROPERTY AND	CHESAPEAKE OPER INC	TEAS YATES SEVEN RIVERS WEST UNIT	945	artelles, this is	20S	33E	2612'FNL & 330'FEL
	CHESAPEAKE OPER INC.	WTYSRU	946		20S	33E	990'ENL & 330'FEL
with the state of	WESTERN DRLG CO INC	ANDERSON-PRICHARD	1	A CONTRACTOR	205	33E	330'FSL & 330'FEL
	ANADARKO PROD CO	TEAS YATES UN TR 14	WS-1		205	33E	330'FSL & 330'FEL
	STOLTZ DEANE H	ÜNION:TEXAS	1		205	33E	1980 FNL & 1980 FW
AND ADDRESS OF A SECOND AND AND ADDRESS OF THE SECOND ASSOCIATION AND ADDRESS OF THE ADDRESS OF	SHACKELFORD OIL CO	TONTO FEDERAL	1	STATE SAMPLES	20S	33E	1980'FNL & 660'FEL
	GRACE PETROLEUM CORP	TONTO FEDERAL	1		20S	33E	1980'FNL & 660'FEL
<u>'</u>	SHACKELFORD OIL CO	TONTO FEDERAL	1		205	33E	1980'FNL & 660'FEI
	SHACKELFORD: OIL CO	TONTO FEDERAL	2		20S	33E	#660'FNL & 330'FEL
TATTER TO SECURE AND ADDRESS OF THE PARTY OF	CIMAREX ENERGY OF CO	NEW SHERIFF 10 FEDERAL COM	1	COCOCCACA CO	205	33E	330'FSL & 280'FEL
	ANADARKO PETRO CORP	FEDERAL 11	1		20S	33E	660'FSL'8 660'FWL
STATE OF THE PARTY	ANADARKO PRODICO	TEAS YATES UNITR13	7.1	PACKET ENDING	CHEPTING PLANE	33E∞	660 FSL & 660 FWL
With hear of the sense of the sense of the party of the p	GRACE PETROLEUM CORP	SMITH RANCH FEDERAL	1	Artist Codes and Artis	205	33E	1980'FNL & 660'FW
	GRACE PETROLEUM CORP	SMITH RANCH FEDERAL	1	-	205	33E	1980'FNL & 660'FW
30025268100002	SAMSON RESOURCES CO	SMITH RANCH FEDERAL	1		20S	33E	1980'FNL & 660'FW
30025280330000	MOMENTUM OPER CO INC	TES(YTES)UNITTR:13	::Wi=2		20S	33E .	10'FSL'& 660'FWL
	THREE RIVERS OPER CO LLC	SMITH RANCH FEDERAL	2	215	205	33E	660'FNL & 1980'FW
30025311380001	SAMSON RESOURCES CO	SMITH RANCH FEDERAL	2-11		205	33E	660'FNL & 1980'FW
30025312550000	MERIT ENERGY COMPANY	SMITH RANCH 11 SEDERAL	1				2310!FSL-&-900'FW
- 11-11-11-11-11-11-11-11-11-11-11-11-11	LINN OPERATING INC	SMITH RANCH'11'FED	2	11	20S	33E	2250'FSL & 2014'FW
	NEARBURG PROD CO	ANACONDA: 11 REDERAL	11.		Contract and the last	33E	660'FNL'&-760'FWI
	NEARBURG PROD CO	ANACONDA '11' FEDERAL	2		20S	33E	1650'FNL & 1650'FW
	NEARBURG PROD CO	ANACONDA 11 FEDERAL	2	_	205	33E	1650'FNL & 1650'FV
DATE TO A MARKET OF THE PARTY O	THREE RIVERS OPER COLLER	GUNSLINGER-IL FEDERAL GOM:			20S	33E	810 FSE & 660 FWL
	THREE RIVERS OPER CO LLC	GUNSLINGER 11 FEDERAL	2	277.23.7.81	20S	33E	2380'FSL & 1675'FW

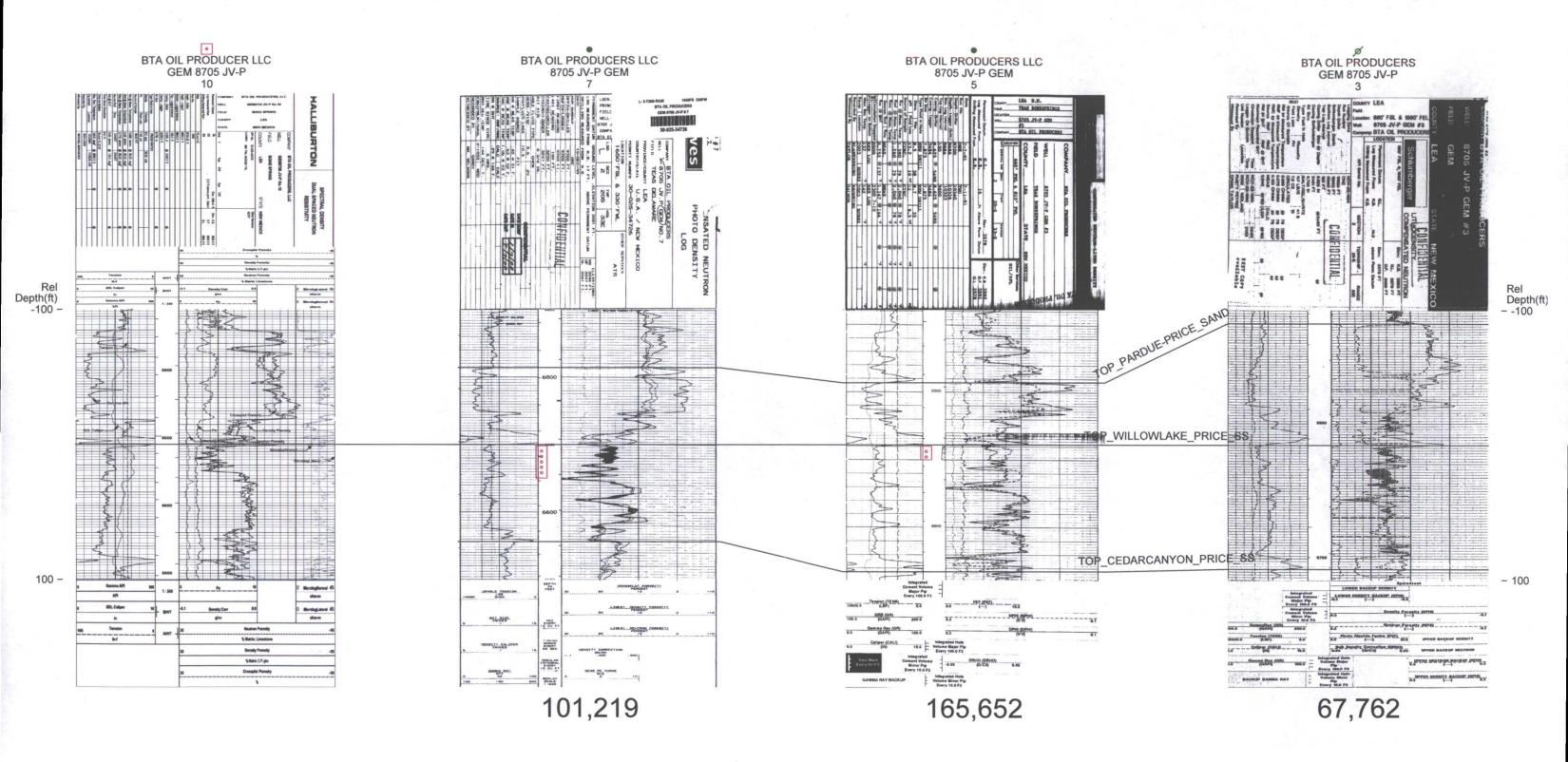
e.]

Exhibit "A" to Active Operator Map											
API#	Operator	Well Name	Well No.		Twn	Rng	Footage Calls				
10025017180000	JEFFERS:OIL COMPANY	JIMENEZ	12	.,12	20S:	33E	- 1980/FSI-8 660/FWIL				
30025277090000		EST SMH RNC FDRL CM	1	12	20S	33E	990'FNL & 990'FWL				
30025277090001		EAST SMITH RANCH FEDERAL COM	1	12	205	33E	990'FNL & 990'FWL				
		MARSHALL 12 FEDERAL COM	12 12	12	20S:	33E*	#/660'FSL'&:550\FEL				
THE PROPERTY OF THE PROPERTY OF THE PARTY OF	MOMENTUM OPER CO INC	TEAS YATES UN TR8	2	13	20S	33E	1980'FNL & 990'FWL				
30025017200000	MOMENTUM OPER CO INC	TEAS(YATES)UNIT TR2	20.61	-13	20S	33E	1980 FNL & 1980 FW				
30025017200001	ANADARKO PROD CO	TEAS(YATES)UNIT TR2	WI-1	13	20S	33E.	1980 FNE& 1980 FW				
30025017210000	MOMENTUM OPER CO INC	TEAS YATES UN TR4	1	13	20S	33E	1980'FNL & 1980'FE				
30025017220000	MOMENTUM, OPER COINC	BOBBC	2	13	20S 🔑	33E/	2310 FSL & 1980 FEL				
30025017220001	ANADARKO PROD CO	TEAS YATES UNITR3	2	13	20S	33E	2310/FSL & 1980/FE				
30025017220002	ANADARKO PROD CO2	TEAS YATES UNIT TR3:	2	13	20S	33E	2310;FSL & 1980'FE				
30025017230000	MOMENTUM OPER CO INC	BOBB-FEDERAL	3	13	20S	33E	1815'FNL & 990'FEL				
30025017240000	MOMENTUM OPER COUNCE	FED:BOBBIC	. 4	13	205⊕	33E .	-990 ¹ ENL & 1650 FEL				
30025017240001	ANADARKO PRODICO	TEAS YATES U.TR 3	::::WI-4:::	13	20S	33E	990'FNL-8-1650'FEL				
30025017250000	MOMENTUM OPER CO INC	TEAS YATES UN TR2	2 .	13	20S	33E	660'FNL & 330'FWL				
30025017250001	ANADARKO PROD CO	TEAS (YATES) UNIT TR 2	WI-2	13	20S	33E	660'FNL & 330'FWL				
30025017260000	BAXTER-MURPHYH	FEDERAL	31.77.1	13	20S	33Ē	1980'FNL & 660'FW				
30025280280000	MOMENTUM OPER CO INC	TEAS(YTES)UNIT TR 2	3	13	20\$	33E	1295'FNL & 1980'FW				
30025280280001	ANADARKO PROD CO	TEAS (YATES) UNIT TR 2	3	13	20\$	33E	1295'FNL & 1980'FW				
30025280290000	MOMENTUM OPER COUNC	TEAS (YATTES) UN TR2	3 4	13	20S	33E::	2615 FNL & 1980 FW				
30025280290001	ANADARKO PROD CO	TEAS (YATES) UNITER 2	77 - 4°	13	20S/-	33E	2615/FNL & 1980/FM				
30025280300000	MOMENTUM OPER CO INC	TEAS(YTES)UNIT TR 8	3	13	20S	33E	2490'FNL & 10'FWL				
30025280310000	MOMENTUM OPER COUNC	TEAS(YTES)UNIT TR 8	: WI-4	13	20S	33E	2250'FSL & 975'FW				
30025312740000	RKI E&P LLC	SIX SHOOTER '13' FEDERAL	1	13	20S	33E	990'FNL & 1750'FEL				
30025312740001	RKI EXP & PROD LLC	SIX SHOOTER 13 FEDERAL	1	13	20S	33E	990'FNL & 1750'FEL				
30025313970000	RKI/E&PLUG	SHARP NOSE FEDERAL	1	13	20S::	33E-	2395 FSL & 2065 FE				
30025017270000	MOMENTUM OPER CO INC	TEAS YATES UN TR11	1	13/10/2004	205	33E	990'FNL & 2310'FEI				
30025017270001	ANADARKO PROD CO	TEAS (YATES)UNIT TR 11	WI-1		20S	33E	990'FNL & 2310'FEI				
30025017280000	ANADARKO PRODEO	TIEAS YATES UN TRS	10° 1		20S	33E	660/ENL& 660/FWI				
30025017290000	MOMENTUM OPER CO INC	TEAS(YATES)UNIT TR5	3	1	20S	33E	1980'FNL & 1650'FW				
30025017290001	ANADARKO PROD CO	TEAS(YATES)UNIT TR5	WI-3		205	33E	1980'FNL & 1650'FW				
30025017300000	MOMENTUM OPER COUNCES	AMERIGN RPUBLICS A	2 2 2 3 2		20S	33E	2660 ENL & 1650 EW				
	ANADARKO PROD GO	TEAS(YATES)UNITITES	- 2		AND SPECIAL PROPERTY.	P.O.P. 12 CAMPAGE	#660'FNE& 1650'FW				
Company of the way of the party	ANADARKO PROD CO	TEAS(YATIES)UNITETRS	2 -		20S	*****************	660'ENL & 1650 FW				

Exhibit "A" to Active Operator Map										
API#	Operator	Well Name	Well No.	Sec	Twn	Rng	Footage Calls			
30025017310000	MOMENTUM OPER CO INC	FEDERAL A	4	14	205	33E	2310'FNL & 990'FWL			
_ '	MOMENTUM OPERICO INC.	TEAS YATES UN TR7		- 14	20S	33E.	-2310 FSL & 1980 FWL			
30025017330000	MOMENTUM OPER CO INC	TEAS YATES UN TR10	1	14	20\$	33E	1650'FNL & 330'FEL			
30025017340000	MOMENTUM OPER COUNCE	TEAS(YATES)UNIT TR9		14	20S	33E ×	990'FSE& 2310FWL			
30025017340001	ANADARKO PROD CO	TEAS(YATES)UNIT TR9	. WJ=1	14	20S	33E	2990'FSL'& 2310'FWL			
30025017350000	HONDO O&G CO	MAHAFFEY-FEDERAL AR	1	14	205	33E	660'FNL & 1980'FWL			
30025017360000	MOMENTUM OPER CO INC	FÉDERAL-FOREST 3	是到1	14	20S	33E	2310 FSL & 2310 FEL			
30025017360001	ANADARKO PROD CO	TEXAS YATES U TR 14	19.2	14	20S 7	33E	2310'FSL'&;2310'FEL			
30025017370000	MOMENTUM OPER CO INC	TEAS YATES UN TR10	2	14	20S	33E	1650'FNL & 2310'FEL			
30025017380000	ANADARKO PETRO GORP	FEDERAL		14	20S	33E	1980/FSL & 660/FEL			
30025212440000	MOMENTUM OPER CO INC	TEAS YATES UN TR6	1	14	20S	33E	2310'FSL & 990'FWL			
30025212440001	ANADARKO PROD CO	TEAS(YATES)UNIT TR6	WI-1	14	20S	33E	2310'FSL & 990'FWL			
30025247450000	MOMENTUM OPER COUNC	TEAS: YATES: UNITR 5	# ·5	14	20S	33E	990/FNE-& 990/FWE			
30025273130000	ANADARKO PROD CO	TEAS /YATES/UNIT	WS-1	14	20S	33E	1330'FNL & 1330'FWL			
30025276350000	MOMENTUM OPER GO INC.	JIEAS(YTES)UNIT TRIO	√ WI-3	14	20S	33E	2265 FNL & 1425 FEL			
30025280320000	MOMENTUM OPER CO INC	TEAS(YATES)UN TR 11	2	14	20S	33E	1250'FNL & 1000'FEL			
30025367490000	THREE RIVERS OPER COLLIC	MAVERICK 14 FEDERAL COM.		14	20S	33E	1980'FSL & 1830'FWL			
30025017390000	MOMENTUM OPER CO INC	TEAS YATES UN TR12	1	15	20S	33E	660'FNL & 660'FEL			
30025204590000	KNOX GORDON ASSOCS	TENNECO-FEDERAL	1 1	: 15	20S =	33E	1980 FNL & 1980 FWL			
30025372300000	THREE RIVERS OPER CO LLC	BANDIT 15 FEDERAL COM	1	15	20\$	33E	810'FNL & 660'FEL			
<u>3</u> 0025313180100	BTA OIL PRODUCERS LLC.	GEM 87.05 JV-P.	6	20	20S	33EE.	1980'FSL'& 1980'FWL			
30025024180000	TRIGG JOHN H	LEA-FEDERAL 6	1	6	20\$	34E	660'FNL & 681'FWL			
30025306880000	MATADOR OPER CO	FÉDERAL 16' COM	1, 1,	- 6	20S	34E	660/FNL & 1980/FWL			
30025306880001	MATADOR OPERATING CO	FEDERAL 16: COM	1	- 6	20S	34E	660 FNL & 1980 FWL			
30025317140000	COLLINS & WARE INC	QUIET MAN FEDERAL :	1	6	20\$	34E	1980'FSL & 1980'FWL			
30025317140001	COLLINS & WARE INC	QUIET MAN FEDERAL	1	6	20S	34E	1980'FSL & 1980'FWL			

il I





Attachment E

BTA Oil Producers LLC Application for Auth to Inject Gem. 8705 JV-P No. 3 WIW 30-025-30977

VII Operation Data

Proposed average daily injection volume
 Proposed maximum daily injection volume
 1500 BWPD

- 2. This will be a closed system.
- Proposed average daily injection pressure 700 psi
 Proposed maximum daily injection pressure 1320 psi
- 4. Sources of injection water will be produced water from area Delaware and Bone Spring producers that have been drilled, or may be drilled, on the Gem 8705 JV-P Lease (see list of source wells, Attachment G).

LIST OF SOURCE WELLS

Attachment G

Property	Well Name	Lease Type	ULSTR	OCD UL	API	Well Type	Pool
305261	GEM 8705 JV-P #001	s	2-2 -20S-33E	В	30-025-29916	0	58960 TEAS;BONE SPRING
(GEM 8705 JV-P #001	S	2-2 -20S-33E	В	30-025-29916	Ο.	96797 TEAS;DELAWARE
C	GEM 8705 JV-P #002	S	3-2 -20S-33E	С	30-025-30468	0	58960 TEAS;BONE SPRING
(SEM 8705 JV-P #003	S	. O-2 -20S-33E	0	30-025-30977	S	96100 SWD;DELAWARE
C	GEM 8705 JV-P #004	S	N-2 -20S-33E	N	30-025-31209	0	58960 TEAS;BONE SPRING
C	GEM 8705 JV-P #004	S	N-2 -20S-33E	N	30-025-31209	0	96797 TEAS;DELAWARE
(GEM 8705 JV-P #005	S	M-2 -20S-33E	M	30-025-31271	0	96797 TEAS;DELAWARE
(GEM 8705 JV-P #006	S	K-2 -20S-33E	κ	30-025-31318	G	58960 TEAS;BONE SPRING
(GEM 8705 JV-P #007	S	L-2 -20S-33E	L	30-025-34726	0	96797 TEAS;DELAWARE
(GEM 8705 JV-P #008	S	E-2 -20S-33E	E	30-025-34727	0	58960 TEAS;BONE SPRING
(GEM 8705 JV-P #009	S	1-2 -20S-33E	Α	30-025-34841	Ο .	58960 TEAS;BONE SPRING
. (GEM 8705 JV-P #010	S	4-2 -20S-33E	D	30-025-40315	0	58960 TEAS;BONE SPRING
(GEM 8705 JV-P #011H	S	H-2 -20S-33E	н	30-025-40316	0	58960 TEAS;BONE SPRING
(GEM 8705 JV-P #012	S	E-2 -20S-33E	E	30-025-40128	O	27390 GEM;YATES, EAST

VII Item 5

Disposal Zone Formation Water

Injection into the Gem #3 WIW will be for enhanced recovery purposes. The zone identified for disposal is productive of oil or gas at this location. There are five wells within the AOR of the Gem No. 3 WIW that are completed in the Delaware. Four are BTA wells, one is Three Rivers Op Co LLC Smith Ranch Fed #2, 11-20S-33E.

VIII Geologic Data

Gem No. 3 WIW Geological Discussion Regarding Proposed Disposal Interval

A. Disposal Zone

The Delaware Mountain Group has a total thickness in excess of 3,100 feet within this locality. It is comprised of alternating units of siltstone, sandstone, and limestone with minor units of shale. Oil production occurs from a sandstone located near the top of the Brushy Canyon Formation within the Delaware Mountain Group. The proposed disposal interval lies with the Lower Brushy Canyon Formation, nearly 1,200 feet below the producing interval.

The Delaware Mountain Group was deposited within a deep marine basin. The cleaner sandstone units represent submarine channel/fan sequences deposited down dip of the shelf margin under turbiditic conditions triggered by tectonic activity, gravity slumping or sea level changes. The siltstone, limestone and/or shale units represent the normal deposition that occurs within a marine basin between the catastrophic interruptions of turbiditic events.

B. Fresh Water Sources:

Ogallala Aquifer occurs between 200 and 300 feet from the surface.

XI Fresh Water Analysis

To the best of my knowledge, there are no fresh water wells located within one mile of the Gem 8705 JV-P Well No. 3.

XII Geological Statement

I have examined all geologic and engineering data available for the Delaware field and find no evidence of open faults or other hydrologic connection between the disposal zone and any underground drinking water sources.

Britton McQuień, Petroleum Engineer

For BTA Oil Producers, LLC

XIII Notice of Offset Operators Within ½ Mile

I hereby certify that BTA Oil Producers LLC holds 100% Working Interest in this well.

Surface Owner is the State of New Mexico

Offset Operator List

THREE RIVERS OPERATING COMPANY LLC 1122 S. Capital of Texas Hwy Suite 325 Austin, TX 78746

I hereby certify that notification of BTA's application was mailed via certified mail on his 11th day of October, 2012 to the above listed Offset Operator.

Pam Inskeep



BTA OIL PRODUCERS, LLC

CARLTON BEAL, JR.
BARRY BEAL
SPENCER BEAL
KELLY BEAL
BARRY BEAL, JR.
STUART BEAL
ROBERT DAVENPORT, JR.

104 SOUTH PECOS STREET MIDLAND, TEXAS 79701-5021 432-682-3753 FAX 432-683-0311 GULF COAST DISTRICT TOTAL PLAZA 1201 LOUISIANA STREET, STE. 570 HOUSTON, TEXAS 77002 713-658-0077 FAX 713-655-0346

ROCKY MOUNTAIN DISTRICT 600 17TH STREET, STE. 2230 SOUTH DENVER, COLORADO 80202 303-534-4404 FAX 303-534-4661

October 11, 2012

RE:

Offset Operator Notification Application for Authorization to Inject Gem, 8705 JV-P #3 WIW 660' FSL & 1980' FEL Section 2, T20S, R33E Lea County, NM

INTERESTED PARTIES

Gentlemen,

BTA has filed an application for Authorization to Inject at the above referenced location. This is a current disposal well (SWD-794). We are proposing to plug back from the current Delaware perforations and open a new Delaware interval. We plan to utilize this well to enhance recovery.

We are currently permitted, in this well, in the SWD, Delaware Pool. Attached please find a copy of our letter to the State of New Mexico requesting approval along with a copy of our Application Packet. Should you have concerns or objections to the application, you may object in writing to the Oil Conservation at 1220 S. St. Francis Drive, Santa Fe, NM 87505.

Should you have any questions regarding this, please do not hesitate to contact Tom Williams at the letterhead address.

Respectfully,

Pam Inskeep

BTA Oil Producers LLC

Enc.



BTA OIL PRODUCERS, LLC

104 SOUTH PECOS STREET MIDLAND, TEXAS 79701-5021 432-682-3753 FAX 432-683-0311

October 11, 2012

GULF COAST DISTRICT TOTAL PLAZA

1201 LOUISIANA STREET, STE. 570 HOUSTON, TEXAS 77002 713-658-0077 FAX 713-655-0346

ROCKY MOUNTAIN DISTRICT

600 17TH STREET, STE. 2230 SOUTH DENVER, COLORADO 80202 303-534-4404 FAX 303-534-4661

Re:

Offset Operator Notification

Application to Amend Authorization for Injection

Gem, 8705 JV-P #3 WIW 660' FSL & 1980' FEL Section 2, T20S, R33E Lea County, NM

OFFSET OPERATORS

CARLTON BEAL, JR.

ROBERT DAVENPORT, JR.

BARRY REAL

KELLY BEAL BARRY BEAL, JR.

STUART BEAL

SPENCER BEAL

Gentlemen,

BTA has filed an application to amend our Authorization to Inject at the above referenced location.

We are currently permitted in the SWD, Delaware Pool. We are proposing to plug back from the current Delaware perforations and open a new Delaware interval. We plan to utilize this well to enhance recovery. Attached please find a copy of our letter to the State of New Mexico requesting approval along with a copy of our Application Packet. Should you have concerns or objections to the application, you may object in writing to the Oil Conservation at 1220 S. St. Francis Drive, Santa Fe, NM 87505.

If you have any questions regarding this, please do not hesitate to contact me at the letterhead address.

Respectfully.

PAMELIA D. INSKEEP

For BTA Oil Producers LLC

/pdi

Enclosures

C:\ Gem #3 Authorization to Inject Offsets.doc

XIII Legal Notice

BTA OIL PRODUCERS LLC, 104 S Pecos, Midland, Texas 79701, has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking approval for an enhanced recovery well. The proposed well, the 8705 JV-P Gem #3 is located 660' FSL & 1980' FEL, Section 2, T20S, R33E, Lea County, NM. Disposal water will be sourced from area wells producing from the Delaware and Bone Springs. The disposal water will be injected into the Delaware formation at a depth of 6618 – 6648', at a maximum surface pressure of 1320 psi, and an average rate of 500 BWPD.

All interested parties opposing the action must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505, within 15 days. Additional information can be obtained by contacting Tom Williams, Production Engineer, at 104 S Pecos, Midland, TX 79701, or (432) 682-3753.

STATE OF TEXAS

COUNTY OF MIDLAND

BEFORE ME, the undersigned authority on this day personally appeared Pam Inskeep, a Regulatory Administrator with BTA Oil Producers LLC, who being by me duly sworn, deposes and states that the persons listed on the foregoing attached list have been sent a copy on October 11, 2012, of the New Mexico Oil Conservation Division Form C-108 "Application for Authorization to Inject" for the 8705 JV-P Gem #3 WIW, located in Section 2, T20S, R33E, Lea County, New Mexico.

SUBSCRIBED AND SWORN TO before me on this 11th day of October, 2012, to certify which witness my hand and seal of office.

L. S. GREEN
Notary Public
STATE OF TEXAS
My Commission
Expires 09/13/2013

Lou S. Green

Notary Public, State of Texas