District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
BTA Oil Producers, LLC 104 S Pecos Midland, TX 79701	260297
	[3] API Number 30 – 025-29692

[5] Property Code	[5] Property Name	[6] Well No
305264	Midway, 8408 JV-P	003

[9] Proposed Pool 1	[10] Proposed Pool 2
Spencer ~~Midway~~, San Andres ~~46330~~ <57510>	

[7] Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	13	17S	36E		2310	S	990	E	Lea

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	Oil		S	3811'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
N	9582'	Bone Spring		ASAP

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water
	>1000'	>1000'

Pit Liner Synthetic ☐ ____mils thick Clay ☐ Pit Volume ____bbls Drilling Method:

Closed-Loop System ☒ Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	54.5	397'	450	Surf
11"	8-5/8"	24&32	4400'	2100	Surf
7-7/8"	5-1/2"	17	9582'	1500	Surf

[22] Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone Describe the blowout prevention program, if any Use additional sheets if necessary

See Attached Procedure

Permit Expires 2 Years From Approval Date Unless Drilling Underway
Plugback

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Signature Pam Inskeep

Printed name Pam Inskeep

Title Regulatory Administrator

E-mail Address pinskeep@btaoil com

Date 08/24/09 Phone 432-682-3753

OIL CONSERVATION DIVISION

Approved by

Title PETROLEUM ENGINEER

Approval Date SEP 10 2009 Expiration Date

Conditions of Approval Attached ☐

BTA Oil Producers
8408 JV-P Midway #3
Plug Back and Test San Andres
Midway (San Andres) Field
Lea County, New Mexico

Well Data: TD 9582'
BP 9364'

Elevations: 3825' KB
3811' GL
14' Diff

Casing: Surface: 13-3/8" 54.5# CSA 397' w/ 450 Sx (Circ'd)
Intermidate: 8 5/8" 24 & 32# K-55 CSA 4400' w/ 2100 Sx (Cmt circ)
Production: 5 1/2" 17# K-55 & N-80 CSA 9582' w/ 1500 Sx (Cmt circ)

Tubing: 2-7/8" 6.5# EUE 8rd

Perfs: Abo Perfs 8981 – 8990' & 9018 – 9028'

Procedure:

1) Move in and rig up pulling unit.
2) Unseat pump. Pull out of hole with rods and pump. LD fiberglass rods.
3) ND wellhead. NU BOP.
4) Hot water tubing to remove and paraffin.
5) Release TAC and pull out of hole with tubing.
6) Pick up CIBP for 5-1/2" 17# casing and run in hole on tubing.
7) Set CIBP at 8900'.
8) Load hole with 9.3 ppg gelled water. Pressure test CIBP and casing to 500 psi.
9) Spot a 40 foot cement plug on top of CIBP.
10) Raise end of tubing to 6580'.
11) Spot a 25 sx cement plug from 6580 to 6327'.
12) Raise end of tubing to 5324'.
13) Circulate hole with 2% KCl water.
14) Spot 200 gallons 10% Acetic acid at 5324'.
15) Pull out of hole with tubing.
16) Rig up Perforating truck. Correlate to Gearhart Compensated Density Compensated Neutron Log dated 6/16/86. Perforate with 3-1/8" hollow carrier casing gun with premium charges at 5320 – 5324'with 2 JSPF.
17) RIH with tubing and packer. Set packer at +/- 5110'
18) Breakdown perfs with pressure and displace acid.
19) Swab to evaluate. Depending on results an acid breakdown will be done.
20) Acidize with 1000 gallons 15% HCl acid containing 10 (7/8" 1.3 S.G.) ball sealers. Pump at 4-5 BPM. Maximum pressure 4000 psi with 1000 psi on backside.
21) Swab test to evaluate. If interval is productive, a RBP will be set as in step 22, then go to step 23. If interval is nonproductive go to step 21
22) Pull out of hole with tubing and packer.
23) Pick up CIBP for 5-1/2" 17# casing on tubing and run in hole. Set CIBP at +/- 5280'.
24) Load hole with 2% KCl water.
25) Spot 200 gallons 10% Acetic acid at 4965'.
26) Pull out of hole with tubing.
27) Rig up Perforating truck. Correlate to Gearhart Compensated Density Compensated Neutron Log dated 6/16/86. Perforate with 3-1/8" hollow carrier casing gun with premium charges at 4955 – 4965'with 2 JSPF.
28) RIH with tubing and packer. Set packer at +/- 4760'.
29) Breakdown perfs with pressure and displace acid
30) Swab to evaluate. Depending on results an acid breakdown will be done.
31) Acidize with 1500 gallons 15% HCl acid containing 20 (7/8" 1.3 S.G.) ball sealers. Pump at 4-5 BPM. Maximum pressure 4000 psi with 1000 psi on backside.
32) Swab test to evaluate.
33) Depending on results additional program will follow.

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

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-29692	57510 ~~46330~~	Spencer ~~Midway~~; San Andres

[4] Property Code	[5] Property Name	[6] Well Number
305264	Midway, 8408 JV-P	3

[7] OGRID No.	[8] Operator Name	[9] Elevation
260297	BTA Oil Producers LLC	3811'

[10] Surface Location

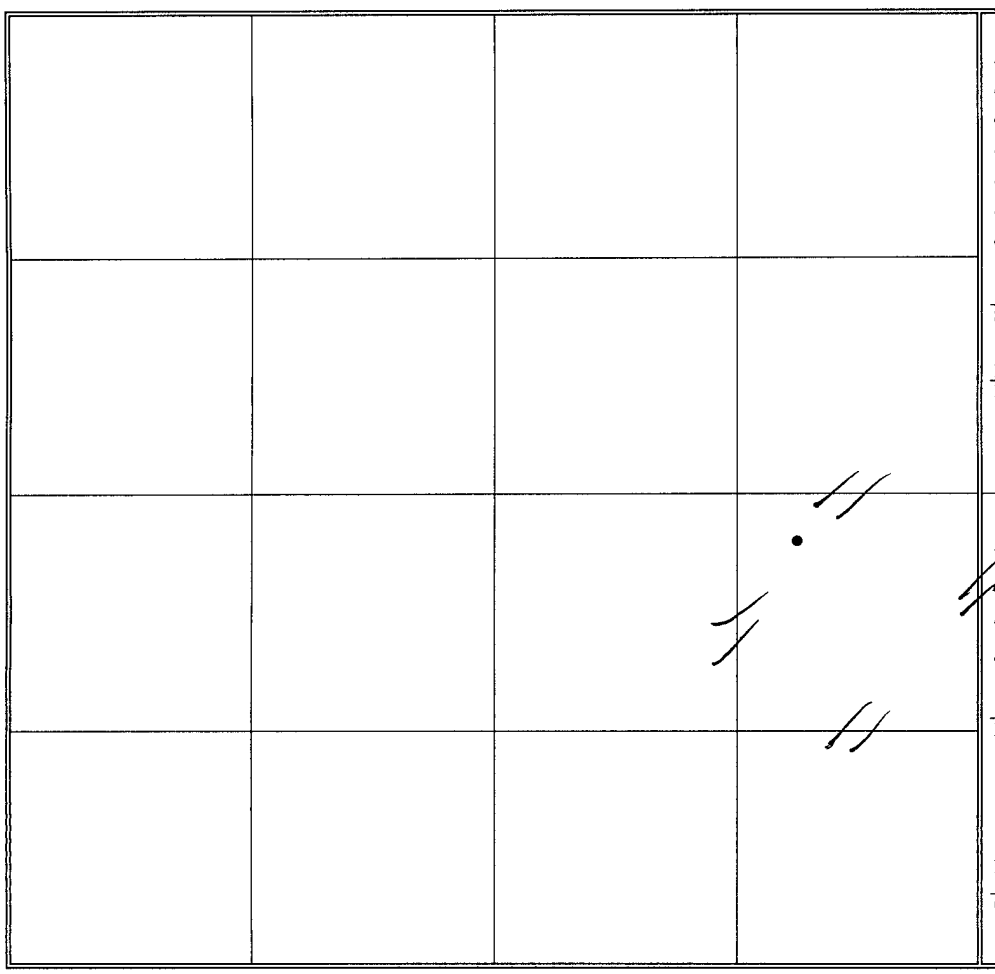
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	13	17S	36E		2310	S	990	E	Lea

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

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



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Pam Inskeep 08/24/2009
Signature Date

Pam Inskeep, Regulatory Administrator
Printed Name

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

05/20/1986
Date of Survey

Signature and Seal of Professional Surveyor

Max A Schumann, Jr 1510
Certificate Number