

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

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 BTA Oil Producers 104 S. Pecos Midland, TX 79701		² OGRID Number 003002
³ Property Code 303445	⁴ Property Name Ogden	⁵ API Number 30-015-24206
⁹ Proposed Pool 1 Cherry Bluff; Bone Spring, South		¹⁰ Proposed Pool 2

UL or lot no. G	Section 29	Township 23S	Range 28E	Lot Idn	Feet from the 1980	North/South line N	Feet from the 1830	East/West line E	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	-----------------------	-----------------------	---------------------	----------------

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 PB	¹² Well Type Code Oil	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3083'
¹⁶ Multiple N	¹⁷ Proposed Depth 12764'	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date ASAP
Depth to Groundwater 15'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume: _____bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	16"	65	405'	500	Surf
14-3/4"	10-3/4"	40.5	2490'	2050	Surf
9-1/2"	7-3/8"	30 & 34	9595'	1150	5710' CBL

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.

BTA proposes to cement squeeze the Brushy Canyon interval to test zone in the Bone Spring formation.

See Attached Procedure

There will be no pit on location. There will be a steel tank on location for this purpose.

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: 05/21/07

Phone: 432-682-3753

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title:

Approval Date: JUN 01 2007

Expiration Date: JUN 01 2008

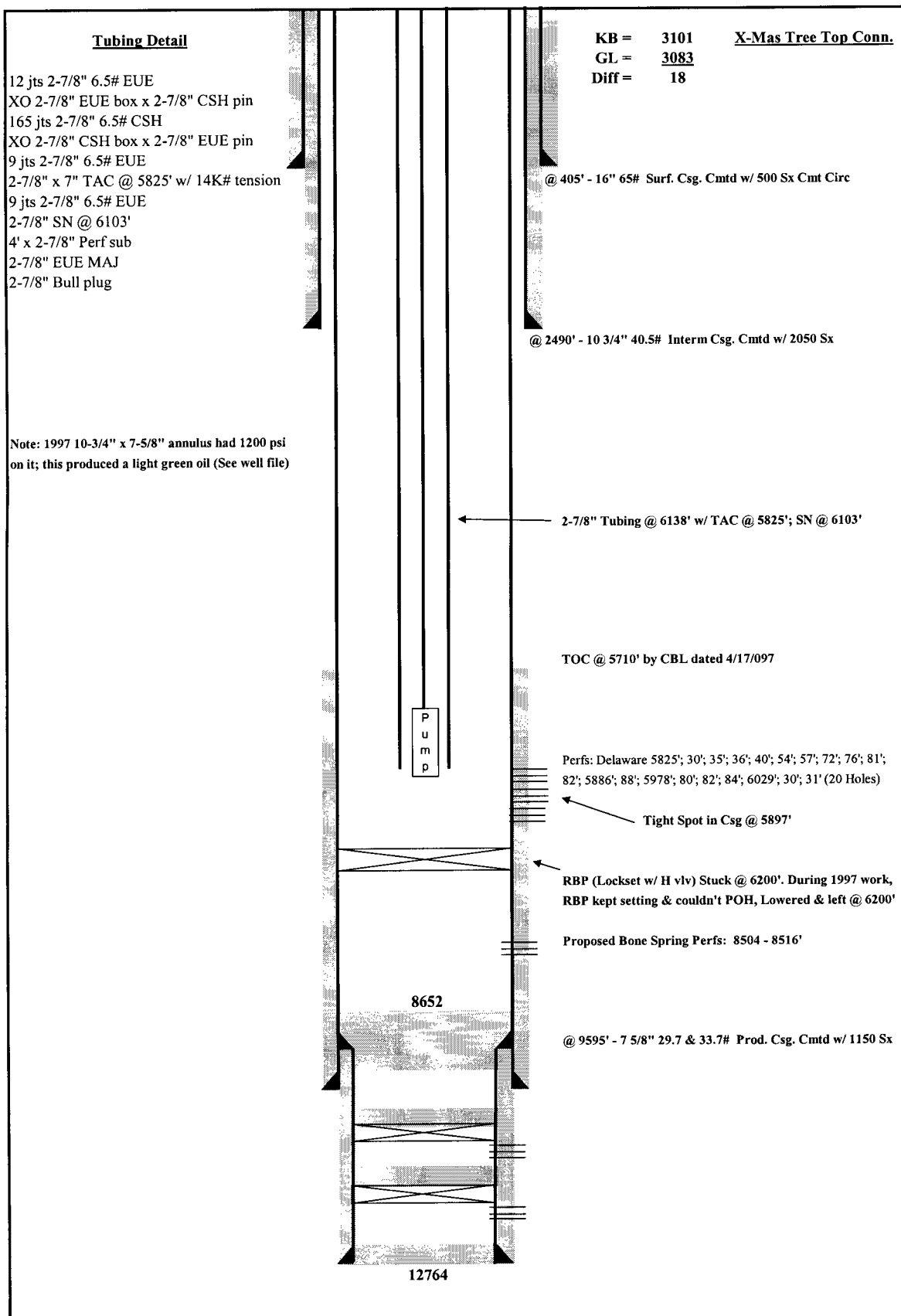
Conditions of Approval Attached ☐


Attachment to C-101
dated 5/21/2007

BTA Oil Producers
20509 JV-P Ogden No.1
32-105-23514
Program to Cement Squeeze the Brushy Canyon & Test Bone Spring
Wildcat (Bone Spring) Field
Eddy County, New Mexico

BTA proposes to cement squeeze Brushy Canyon interval to test zone in Bone Spring formation.

1. MI & RU. POH w/rods and pmp.
2. ND WH, NU BOP. POH w/tbg.
3. RIH to 6050'. Watch for tight spot at 5897', work thru this area several times.
4. POH.
5. RIH to RBP @ 6200'. Rel RBP, run to bttm at 8,652' and set it off on bttm.
6. POH.
7. RIH w/7-7/8" cmt ret. Set @ +/- 5790'.
8. Mix and pmp 150 sx cmt. Sqz perfs w/1500 psi.
9. Pull out of retainer. Rev out tbg. POH w/tbg.
10. RIH and drill out ret and cmt. Press test to 1000 psi.
11. POH.
12. RIH. Clean up csg.
13. RIH to RBP at 8652' and circ hole clean.
14. Raise EOT to 8516'. Spot 200 gal 10% Acetic acid. POH.
15. RU WL. RIH w/GR/CCL. Correlate to Dresser Atlas Comp Densilog dated 9/15/82.
Perf using 4" casing gun w/4 JSPF using premium charges at 8,504 - 8,516'.
16. RIH w/7-5/8" pkr. Pressure test tbg to 8000 psi. Set pkr at +/- 8,400'.
17. Break down perfs.
18. Swab to evaluate.
19. Acidize w/1500 gal 7 1/2 % HCL acid w/62 ball sealers and flush with 2% KCl wtr.
20. Swab and flow back as soon as possible.
21. Depending on results of swab test, the well will be treated with a frac job.
If a frac treatment is scheduled: Frac well down tbg using BJ Services w/57,000 gal of Medallion 3000 (30#) carrying 85,000 lbs 16/30 white sd and 20,000 lbs Super LC 16/30.
22. Shut well in for gel to break 2-4 hours.
23. Flow and swab back to evaluate.
24. POH w/tbg & pkr.
25. RIH w/3-1/2" gas anchor, set EOT 50-80' above the top perf. Run pump and rods.
26. Place well on production.



Revised		Producing Well		Drawn	TJW
		LEASE:	20509 JV-P Ogden	# 1	5/3/2007
		FIELD:	Loving (Delaware)		
		LOCATION:	1980' FNL 1980' FEL Sec. 29 T23S R28E		
		COUNTY:	Eddy	STATE:	New Mexico
		PRODUCING FORMATION:	Delaware		
					
		BTA Oil Producers			

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

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 30-015-24206	² Pool Code	³ Pool Name Cherry Bluff; Bone Springs, South
⁴ Property Code 303445	⁵ Property Name Ogden	⁶ Well Number 1
⁷ OGRID No. 003002	⁸ Operator Name BTA Oil Producers	⁹ Elevation 3083' GR

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
G	29	23S	28E		1980	N	1830	E	Eddy

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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

	<p>¹⁷ OPERATOR CERTIFICATION <i>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.</i> Signature Date 05/21/2007 Pam Inskeep, Regulatory Administrator Printed Name</p>
	<p>¹⁸ SURVEYOR CERTIFICATION <i>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.</i> 09/27/91 Date of Survey Signature and Seal of Professional Surveyor:</p>
	Certificate Number