

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

MAR 24 2009

Form C-101

Revised March 17, 1999

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies☐ AMENDED REPORT

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

¹ Operator Name and Address BTA Oil Producers, LLC 104 S. Pecos Midland, TX 79701		² OGRID Number 260297
		³ API Number 30 -- 015-35870
³ Property Code 305317 /	⁵ Property Name Pardue "D", 8808 JV-P /	⁶ Well No. <input checked="" type="checkbox"/> 3

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
E	11	23S	28E		1655	N	990	W	Eddy <input checked="" type="checkbox"/>

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
⁹ Proposed Pool 1 Loving, Delaware, East (40370)						¹⁰ Proposed Pool 2			

¹¹ Work Type Code P /	¹² Well Type Code O /	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 2992'
¹⁶ Multiple No	¹⁷ Proposed Depth 6400'	¹⁸ Formation Cherry Canyon	¹⁹ Contractor	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	450'	350	Circ
7-7/8"	5-1/2"	15.5 & 17#	6400'	1889	Circ

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

This well currently produces from the Loving, Brushy Canyon, East (40350). We proposed to plugback and test the Cherry Canyon Sand. The proposed procedure is attached.

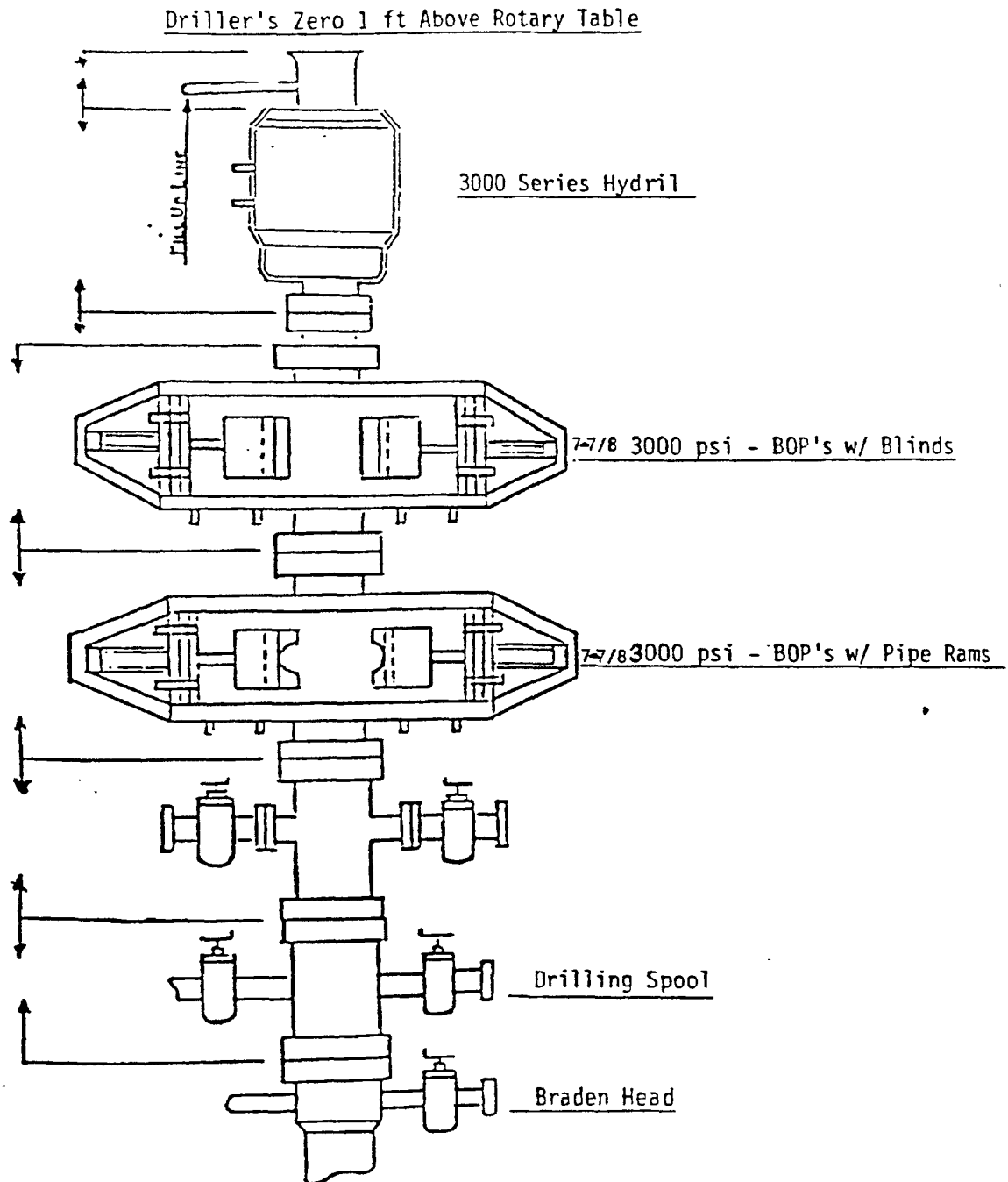
BOP - 3000 psi - Schematic is attached.

The BTA 8808 JV-P Pardue D #1 produces in this quarter-quarter section and is 550' to the southwest.



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature <i>Pam Inskeep</i>		Approved by: <i>Jacquie Boers</i>	
Printed name: Pam Inskeep		Title: Geologist	
Title: Regulatory Administrator		Approval Date: 3/25/09	Expiration Date:
Date: 03/20/2009	Phone: (432) 682-3753	Conditions of Approval: Attached <input type="checkbox"/>	

B T A O I L P R O D U C E R S



8808 JV-P Pardue -D-
Well No. 3
Sec. 11, T-23-S, R-28-E
Eddy County, N.M.

BTA Oil Producers
8808 JV-P Pardue 'D' No.3
Plug Back & Test Price-Malaga and Cherry Canyon Sand
East Loving (Cherry Canyon) Field
Eddy County, NM

Procedure:

1. Rel Pkr and POH.
2. PU CIBP for 5 ½" 15.5 & 17# csg on tbg. RIH. Set CIBP at +/-5000'.
3. Load hole w/2% KCl wtr. Press test to 1000 psi.
4. Raise tbg to 4782'. Spot 200 gal 10% Acetic acid at 4782'. POH w/tbg.
5. RU Perforating truck. Correlate to cased hole CNL dated 1/09/08. Perf w/4" hollow carrier csg gun w/ Prem Charges per attached program at 4738-46' and 4758-82' w/2 JSPF.
6. RIH w/dump bailer. Cap CIBP w/20" Cmt.
7. RIH w/tbg & pkr for 5-1/2" 17# csg. Set pkr at +/- 4577'. Press test pkr to 1000 psi.
8. Breakdown perfs w/press & displace acid. Swab back load to evaluate, depending on results continue w/acid treatment.
9. Acidize w/1000 gals 7 ½ % HCL acid w/28 ball sealers and flush w/2% KCl wtr. Maximum press 4000 psi.
10. Swab back load to evaluate, depending on results continue w/acid treatment.
11. If a frac treatment is scheduled. Frac well down tbg using w/18,500 gals of 25# Cross-linked gel carrying 30,000 lbs of 16/30 Brown sand and 15,000 lbs Super LC 16/30 as follows:
 - a) Pump 6500 gals 25# Cross-linked gel pad
 - b) Pump 10000 gals 25# Cross-linked gel w/30,000# 16/30 sand ramped from 1-5 PPG
 - c) Pump 3000 gals 25# Cross-linked gel w/15,000# 16/30 resin coated sand 5 PPG
 - d) Flush to top perforation (Approximately 1061 gals). Pump at **15-18** BPM. Maximum press 4000 psi.
12. Shut well in for gel to break for 2-3 hrs. Flow back load until bottoms up. After determining the fluid is broken and not carrying a lot of sand.
13. Swab back load to evaluate. Depending on results, either place on production or run a composite bridge plug on wireline.
14. Rel pkr and POH.
15. PU composite bridge plug for 5 ½" 15.5 & 17# csg on tbg. RIH. Set CBP at +/- 4700'.
16. Load hole w/ 2% KCl wtr. Press test to 1000 psi.
17. Raise tbg to 4266'. Spot 200 gals 10% Acetic acid at 4266'.
18. POH w/ tbg.
19. RU Perforating truck. Correlate to cased hole CNL dated 1/09/08. Perf w/ 4" hollow carrier csg gun w/ Premium Charges per attached program at 4256 - 4266' w/ 2 JSPF.
20. RIH w/ tbg and pkr for 5-1/2" 17# csg. Set pkr at +/- 4060'. Press test pkr to 1000 psi.
21. Breakdown perfs w/press and displace acid.
22. Swab back load to evaluate, depending on results continue w/acid treatment.
23. Rel pkr and lower to +/- 4200'. Set pkr and press test csg.
24. Acidize w/1000 gals 7 ½ % HCL acid w/ 28 ball sealers and flush w/2% KCl wtr. Maximum press 4000 psi.
25. Swab and flow back as soon as possible.
26. Depending on results of swab test, the well will be treated w/ a frac job.
27. If a frac treatment is scheduled. Frac well down tbg using w/ 18,500 gals of 25# Cross-linked gel carrying 30,000 lbs of 16/30 Brown sand and 15,000 lbs Super LC 16/30 as follows:
 - a) Pump 6500 gals 25# Cross-linked gel pad
 - b) Pump 10000 gals 25# Cross-linked gel w/30,000# 16/30 sand ramped from 1 - 5 PPG
 - c) Pump 3000 gals 25# Cross-linked gel w/15,000# 16/30 resin coated sand 5 PPG
 - d) Flush to top perforation (Approximately 1061 gals). Pump at **15-18** BPM. Maximum press 4000 psi.
28. Shut well in for gel to break for 2-3 hrs. Flow back load until bottoms up. After determining the fluid is broken and not carrying a lot of sand.
29. RIH w/production equipment. Place well on production.

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 68240

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 and Natural Resources Department

MAR 24 2009

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35870	Pool Code 40370 /	Pool Name Loving; Delaware, East ✓
Property Code 305317	Property Name 8808 JV-P PARDUE D	Well Number 3
OGRID No. 260297	Operator Name BTA OIL PRODUCERS, LLC	Elevation 2992'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	11	23-S	28-E		1655	NORTH	990	WEST	EDDY ✓

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

Dedicated Acres 40 /	Joint or Infill	Consolidation Code	Order No.
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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

	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Pam Inskeep</i> 3/20/09 Signature Date Pam Inskeep Printed Name
	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.
	Date Surveyed: _____ MJN Signature & Seal of Professional Surveyor: <i>Gary Eidson</i> 3/23/07
	Certificate No. GARY EIDSON 12641