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### NADEL AND GUSSMAN HEYCO, LLC

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February 28, 2013

Bureau of Land Management Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220

Attention:

Deputy Minerals Manager for Oil and Gas

Re: Young Deep Unit

Contract #14-08-0001-18042 T-18S, R-32E, N.M.P.M. Lea County, New Mexico 2013 Plan of Development

and Operation

Ladies & Gentlemen:

Nadel and Gussman HEYCO, LLC (NGH), as Unit Operator, submits its 2013 Plan of Development and Operation (in triplicate) as prescribed by Section 10 of the Young Deep Unit Agreement. This plan covers the Participating Areas for the Bone Spring, Delaware, Wolfcamp and Morrow Formations in the Young Deep Unit.

In this regard, we are enclosing a current Unit map showing all existing wells, roads and flowlines, and maps showing the current Participating Area boundaries. Maps showing CONFIDENTIAL geologic data pertinent to the producing formations have not changed since the 2012 POD, but are also enclosed. A complete updated well listing, showing the status of all wells thru 2012, is also included.

Nearly all of the Young Deep Unit wells produce from the Bone Spring Fm. in the Young, North Pool. Exceptions are the three water injection wells (YDU #5, YDU 3 Fed. #1 and YDU #16 (recently reactivated) utilized for Bone Spring Carbonate pressure maintenance, two wells producing from the Delaware Mountain Group (YDU #28 and #34), and one current Wolfcamp producer (YDU #1). The following Unit wells have been permanently plugged: YDU #3 (12/4/1984), YDU #19 (6/16/1986), YDU #35 (6/12/1992), YDU 3 Fed. #3 (8/6/1993), YDU #27 (12/15/1993), YDU 4 Fed. #1 (8/8/1996), YDU #2 (8/17/2005), YDU 3 Federal #4 (3/29/2011) and the YDU #4 (8/26/2011). (See the enclosed status list of Unit wells.)

NGH is continuing to evaluate ongoing technological advances in stimulation and horizontal drilling and is establishing a new internal economic guideline for successful economic

well completions utilizing such technology. The tight Bone Spring Sands in the northern Delaware Basin of Southeast New Mexico, which produce in the Unit, have seen aggressive industry activity in the last 5 years driven by horizontal drilling and fracture stimulation advances. NGH is hesitant to proceed quickly with horizontal drilling plans because of the results from the re-entry of the plugged YDU #14 in 2005. This horizontal lateral (the #14H) in the Bone Spring 2<sup>nd</sup> Sand (see attached Unit Type Log) was drilled as a slim hole out of the A thorough review of the drilling and completion operations and existing 5 1/2" casing. production data has determined that horizontal drilling in old well workovers are unsuitable for infill development of the Young Deep Unit because of mechanical and pressure limitations: therefore, NGH will not be re-entering additional YDU wells for the drilling of slimhole horizontal laterals. NGH has, however, internally proposed a horizontal test in the S/2S/2 of Section 10 for a late 2012 or 2013 drilling program. Devon has completed a horizontal 2<sup>nd</sup> Bone Spring Sand well offsetting the NGH YDU location in the N/2N/2 of Section 15, T18S-R32E. NGH is currently evaluating the economics of this completion, and could propose to our Unit partners later this year the YDU #40H test to minimize possible competitive drainage. The early 2012 workover completion of the YDU #39 in the SE/4 of Section 10, T18S-R32E into the Bone Spring 2<sup>nd</sup> Sand, while successful, has not been totally encouraging in economic support of drilling the YDU #40H.

Important 2012 NGH Unit operations included the activation of the YDU #8, #9, #21 #33 oil wells and #16 Water Injection well, all of which had been recently down for repairs and inactive. The YDU #39 workover mentioned above again results in the Unit not having an active gas well within any Morrow proration unit and Participating Area. The Gas zones that have been left or bypassed due to current economic expectations will be addressed in future Plan of Development submittals, should gas prices rebound. Additionally, in 2013 NGH will continue to evaluate the YDU #14H, which is currently inactive, for possible workover or ultimate plugging.

Based on the information submitted herewith, NGH respectfully requests the Bureau of Land Management approve this 2013 Plan of Development and Operation. We will be glad to supply further information, if such is required.

Respectfully submitted.

Colby Booth, Landman

Nadel and Gussman HEYCO, LLC

MVR/GKY/CB/vw Enclosures

YDUPOD2013.doc/Land:YDU#3

XC:

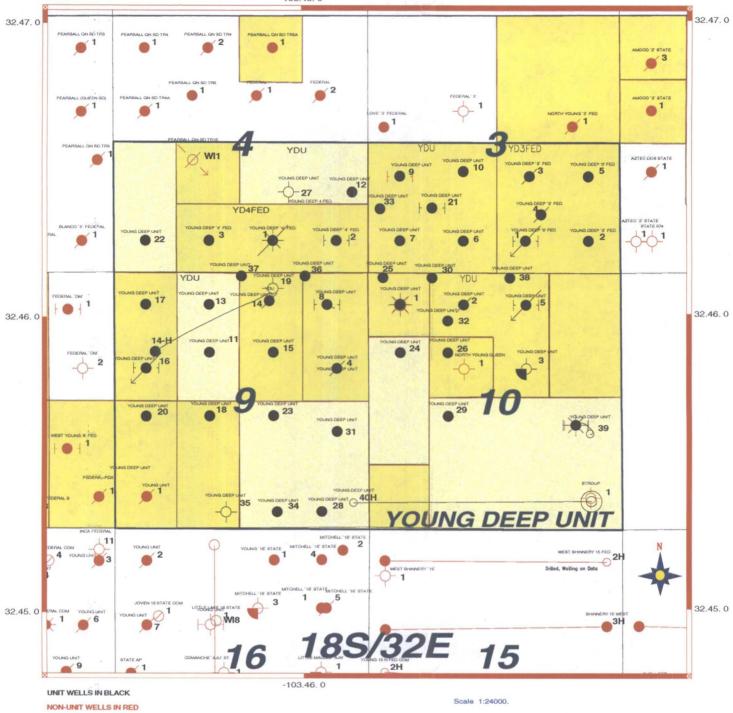
Oil Conservation Division (w/encl.) 1220 S. St. Francis Dr. Santa Fe, New Mexico 87505 Attn: Sr. Petroleum Geologist

# DOI Bureau of Land Management - CARLSBAD FIELD OFFICE YOUNG DEEP UNIT POD ATTACHMENTS

### Status of all Wells within the Unit

2. YDU 2. 30025272100000 12/04/1984   4. YDU 3. 30025272900000 12/04/1984   5. YDU 5. 30025273300000 10/31/1983   6. YDU 6. 30025273300000 10/31/1983   6. YDU 6. 30025273300000 10/31/1994   6. YDU 7. 30025275470001 11/2994   6. YDU 8. 30025275470001 11/2994   6. YDU 9. 30025275470001 11/2994   6. YDU 9. 30025284000001 10/232009   6. YDU 9. 30025284000001 10/232009   6. YDU 9. 3002528400000 11/2322009   6. YDU 9. 30025284730000 2/23/1984   6. YDU 11. 300252894730000 2/23/1984   6. YDU 11. 30025289660000 12/25/1993   6. YDU 12. 30025308660000 12/25/1993   6. YDU 14H 30025289660000 12/20/1985   6. YDU 14H 30025280460000 1/5/1990   6. YDU 14H 30025280460000 1/5/1990   6. YDU 15. 30025290460000 1/5/1990   6. YDU 16. 30025290460000 1/5/1985   6. YDU 17. 30025290600000 1/5/1985   6. YDU 18. 30025290600000 1/5/1985   6. YDU 19. 30025290600000 1/5/1990   7. YDU 20. 30025309240000 1/5/1990   7. YDU 20. 3002530930000 7/6/1990   7. YDU 20. 3002530930000 7/6/1990   7. YDU 20. 3002530930000 1/5/1990   7. YDU 20. 300253090000 1/5	#	WELL NAME AND NUMBER	API NUMBER	COMP DATE		STATUS
3	1.		30025266400003	10/30/1990	WOLFCAMP	ACTIVE
3. YDU 3		YDU 2	30025271210000	8/17/2005	BONE SPRING	P&A
4. YDU 4	3.	YDU 3	30025272290000	12/04/1984		D&A - PLUGGED
5. YDU 5         30025273360000         10/31/1983         ACTIVE-WIW           6. YDU 6         30025274770001         11/29/1994         BONE SPRING         ACTIVE           7. YDU 7         30025274770001         11/29/1994         BONE SPRING         ACTIVE           8. YDU 8         30025274000001         11/19/1987         BONE SPRING         ACTIVE           9. YDU 9         30025284730000         2/3/1984         BONE SPRING         ACTIVE           10. YDU 10         30025287930001         12/25/1993         BONE SPRING         ACTIVE           11. YDU 11         30025289660000         12/25/1993         BONE SPRING         ACTIVE           13. YDU 13         30025298660000         12/20/1985         BONE SPRING         ACTIVE           13. YDU 14H         3002529460000         12/16/2005         BONE SPRING         ACTIVE           15. YDU 15         3002529460000         3/30/1993         BONE SPRING         ACTIVE           16. YDU 16         30025294060000         3/20/1985         BONE SPRING         ACTIVE           17. YDU 17         300252929280000         3/27/1991         BONE SPRING         ACTIVE           18. YDU 18         300253035000         9/27/1991         BONE SPRING         ACTIVE <tr< td=""><td></td><td>YDU 4</td><td>30025273000000</td><td>7/2/1981</td><td>BONE SPRING</td><td>P&amp;A</td></tr<>		YDU 4	30025273000000	7/2/1981	BONE SPRING	P&A
6 YDU 6 30025274770001 4/21/1994 BONE SPRING ACTIVE 7. YDU 7 30025275470001 11/29/1994 BONE SPRING ACTIVE 8. YDU 8 3002527550201 11/19/1997 BONE SPRING ACTIVE 9. YDU 9 30025284000001 10/23/2009 BONE SPRING ACTIVE 10. YDU 10 30025284730000 2/3/1984 BONE SPRING ACTIVE 11. YDU 11 3002528730001 12/25/1993 BONE SPRING ACTIVE 11. YDU 12 30025308660000 4/6/1990 BONE SPRING ACTIVE 12. YDU 12 30025308660000 1/2/20/1985 BONE SPRING ACTIVE 13. YDU 13 30025289660000 1/2/16/2005 BONE SPRING ACTIVE 14. YDU 14H. 30025290150101 12/16/2005 BONE SPRING ACTIVE 15. YDU 15 30025290460000 7/5/1985 BONE SPRING ACTIVE 15. YDU 16 30025290470000 3/30/1993 BONE SPRING ACTIVE 16. YDU 16 30025290470000 3/30/1993 BONE SPRING ACTIVE 17. YDU 17 3002529060000 4/7/1985 BONE SPRING ACTIVE 18. YDU 18 30025303520000 6/16/1986 BONE SPRING ACTIVE 19. YDU 19 30025292780000 6/16/1986 BONE SPRING ACTIVE 19. YDU 19 30025292780000 6/16/1986 BONE SPRING ACTIVE 21. YDU 20 30025308240000 11/21/1990 BONE SPRING ACTIVE 22. YDU 22 30025292530000 7/6/1986 BONE SPRING ACTIVE 23. YDU 23 30025292530000 7/6/1986 BONE SPRING ACTIVE 23. YDU 23 30025292530000 7/6/1986 BONE SPRING ACTIVE 23. YDU 24 30025307830000 7/6/1986 BONE SPRING ACTIVE 23. YDU 25 3002530952000 10/5/1990 BONE SPRING ACTIVE 24. YDU 24 30025307830000 7/6/1986 BONE SPRING ACTIVE 25. YDU 25 3002530950000 10/5/1990 BONE SPRING ACTIVE 28. YDU 28 30025307830000 7/26/1990 BONE SPRING ACTIVE 34. YDU 28 30025307830000 7/26/1990 BONE SPRING ACTIVE 34. YDU 28 30025307830000 10/5/1990 BONE SPRING ACTIVE 34. YDU 28 30025307830000 10/5/1990 BONE SPRING ACTIVE 35. YDU 36 30025307830000 10/5/1990 BONE SPRING ACTIVE 35. YDU 37 30025307830000 10/5/1990 BONE SPRING ACTIVE 35. YDU 38 30025307830000 10/5/1990 BONE SPRING ACTIVE 35. YDU 36 30025307830000 10/5/1990 BONE SPRING ACTIVE 35. YDU 37 30025307800	5.	YDU 5	30025273360000	10/31/1983		ACTIVE-WIW
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11. YDU 11		YDU 10	30025284730000	2/3/1984	BONE SPRING	ACTIVE
13	11.		30025287930001	12/25/1993	BONE SPRING	ACTIVE
14.   YDU 14H   30025290150101   12/16/2005   BONE SPRING   ACTIVE   VDU 15   30025290460000   7/5/1985   BONE SPRING   ACTIVE   ACTIVE   VDU 16   30025290470000   3/30/1993   BONE SPRING   ACTIVE   ACTIVE   VDU 17   30025290600000   4/17/1985   BONE SPRING   ACTIVE   ACTIVE   VDU 17   30025290600000   4/17/1985   BONE SPRING   ACTIVE   ACTIVE   VDU 18   30025313590000   9/27/1991   BONE SPRING   ACTIVE   D&A - PLUGGED   D&A	12.	YDU 12	30025308660000	4/6/1990	BONE SPRING	
14.   YDU 14H.     30025290150101   12/16/2005   BONE SPRING   ACTIVE   15.   YDU 15.   30025290450000   7/5/1985   BONE SPRING   ACTIVE   16.   YDU 16.   30025290470000   3/30/1993   BONE SPRING   ACTIVE   MCTIVE   17.   YDU 17.   30025290600000   4/17/1985   BONE SPRING   ACTIVE   MCTIVE   18.   YDU 18.   30025313590000   9/27/1991   BONE SPRING   ACTIVE   D&A - PLUGGED   D&A	13.	VDIT 13	30025289660000	12/20/1985	BONE SPRING	ACTIVE -
16.   VDU 16   30025290470000   3/30/1993   BONE SPRING   ACTIVE   W	14.	VINLLAGI	30025290150101	12/16/2005	BONE SPRING	INACTIVE - UNDER EVAL
17.   VDU 17   30025290600000	15.	YDU 15	30025290460000	7/5/1985	BONE SPRING	ACTIVE ~~~
17.   VDU 17   30025290600000		YDU 16	30025290470000	3/30/1993	BONE SPRING	ACTIVE-WIW
19.   YDU 19   30025292780000   6/16/1986   D&A - PLUGGED	17.		30025290600000	4/17/1985	BONE SPRING	ACTIVE
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23. YDU 23         30025298960000         1/9/1988         BONE SPRING         ACTIVE           24. YDU 24         30025307830000         7/26/1990         BONE SPRING         ACTIVE           25. YDU 25         30025331730000         1/22/1996         BONE SPRING         ACTIVE           26. YDU 26         30025309520000         10/5/1990         BONE SPRING         ACTIVE           27. YDU 27         30025309760000         12/15/1993         D&A - PLUGGED           28. YDU 28         30025310480000         4/3/1992         DELAWARE         ACTIVE           29. YDU 29         30025312990000         9/12/1991         BONE SPRING         ACTIVE           30. YDU 30         300253112990000         9/12/1991         BONE SPRING         ACTIVE           31. YDU 31         30025310930000         5/13/1991         BONE SPRING         ACTIVE           32. YDU 32         3002533150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025314670000         12/24/1991         DELAWARE         ACTIVE           34. YDU 34         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. Y	22.	YDU 22	30025292530000	7/6/1985	BONE SPRING	ACTIVE
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27. YDU 27         30025309760000         12/15/1993         D&A - PLUGGED           28. YDU 28         30025310480000         4/3/1992         DELAWARE         ACTIVE           29. YDU 29         30025312990000         9/12/1991         BONE SPRING         ACTIVE           30. YDU 30         3002531740000         12/22/1995         BONE SPRING         ACTIVE           31. YDU 31         30025310930000         5/13/1991         BONE SPRING         ACTIVE           32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 35         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           40. YDU 40H         30025284810000         12/1/1990         BONE SPRING         ACTIVE-WIW	25.	YDU 25	30025331730000	1/22/1996	BONE SPRING	
28. YDU 28         30025310480000         4/3/1992         DELAWARE         ACTIVE           29. YDU 29         30025312990000         9/12/1991         BONE SPRING         ACTIVE           30. YDU 30         30025331740000         12/22/1995         BONE SPRING         ACTIVE           31. YDU 31         30025331930000         5/13/1991         BONE SPRING         ACTIVE           32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2019           40. YDU 40H         30025273690000         12/1/1990         BONE SPRING         ACTIVE-WIW           41. YOUNG DEEP UNIT 3 FED 1         30025289070000         11/19/1984         BONE SPRING	26.	YDU 26	30025309520000	10/5/1990	BONE SPRING	ACTIVE
29. YDU 29         30025312990000         9/12/1991         BONE SPRING         ACTIVE           30. YDU 30         30025331740000         12/22/1995         BONE SPRING         ACTIVE           31. YDU 31         30025310930000         5/13/1991         BONE SPRING         ACTIVE           32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025314670000         12/24/1991         DELAWARE         ACTIVE           35. YDU 35         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336430000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025338640000         12/14/1996         BONE SPRING         ACTIVE           39. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE-RECOMPL 2013           40. YDU 40H         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           41. YOU 3 FED-2         30025273690000         12/11/1990         BONE SPRING         ACTIVE-WIW           42. YDU 3 FED-3         300252888100000         4/6/1993         BONE SPRING<	27.	YDU 27	30025309760000	12/15/1993		D&A - PLUGGED
29. YDU 29         30025312990000         9/12/1991         BONE SPRING         ACTIVE           30. YDU 30         30025331740000         12/22/1995         BONE SPRING         ACTIVE           31. YDU 31         30025310930000         5/13/1991         BONE SPRING         ACTIVE           32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 35         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025331790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           40. YDU 40H         3002537690000         12/11/1990         BONE SPRING         ACTIVE-WIW           42. YDU 3 FED-2         30025273690000         11/19/1984         BONE SPRING         ACTIVE-WIW           43. YDU 3 FED-3         300252888100000         4/6/1993         BONE SPRING	28.	YDU 28	30025310480000	4/3/1992	DELAWARE	ACTIVE
31. YDU 31   30025310930000   5/13/1991   BONE SPRING   ACTIVE	29.	,	30025312990000	9/12/1991	BONE SPRING	ACTIVE
32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025314670000         12/24/1991         DELAWARE         ACTIVE           35. YDU 35         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           40. YDU 40H         3002540820         BONE SPRING         PROPOSED NEW DRILL           41. YOUNG DEEP UNIT 3 FED 1         30025273690000         12/1/1990         BONE SPRING         ACTIVE-WIW           42. YDU 3 FED-2         30025289070000         11/19/1984         BONE SPRING         ACTIVE           43. YDU 3 FED-4         30025275340000         8/6/1993         BONE SPRING         P&A           44. YDU 3 FED-5         30025275340000         4/18/1984         BONE SPRING <t< td=""><td>30.</td><td>YDU 30</td><td>30025331740000</td><td>12/22/1995</td><td>BONE SPRING</td><td>ACTIVE</td></t<>	30.	YDU 30	30025331740000	12/22/1995	BONE SPRING	ACTIVE
32. YDU 32         30025333150000         4/14/1996         BONE SPRING         ACTIVE           33. YDU 33         30025334620000         8/24/1996         BONE SPRING         ACTIVE           34. YDU 34         30025314670000         12/24/1991         DELAWARE         ACTIVE           35. YDU 35         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           40. YDU 40H         3002540820         BONE SPRING         PROPOSED NEW DRILL           41. YOUNG DEEP UNIT 3 FED 1         30025273690000         12/1/1990         BONE SPRING         ACTIVE-WIW           42. YDU 3 FED-2         30025289070000         11/19/1984         BONE SPRING         ACTIVE           43. YDU 3 FED-3         30025275340000         8/6/1993         BONE SPRING         P&A           44. YDU 3 FED-5         30025284810000         4/18/1984         BONE SPRING <t< td=""><td></td><td></td><td>30025310930000</td><td>5/13/1991</td><td>BONE SPRING</td><td>ACTIVE</td></t<>			30025310930000	5/13/1991	BONE SPRING	ACTIVE
34. YDU 34       30025314670000       12/24/1991       DELAWARE       ACTIVE         35. YDU 35       30025315960000       6/12/1992       D&A - PLUGGED         36. YDU 36       30025336420000       11/28/1996       BONE SPRING       ACTIVE         37. YDU 37       30025336430000       12/14/1996       BONE SPRING       ACTIVE         38. YDU 38       30025338640000       12/25/1997       BONE SPRING       ACTIVE         39. YDU 39       30025381790001       4/6/2007       MORROW       ACTIVE-RECOMPL 2013         40. YDU 40H       3002540820       BONE SPRING       PROPOSED NEW DRILL         41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A         45. YDU 3 FED-5       30025284810000       4/18/1984       BONE SPRING       P&A	32.		30025333150000	4/14/1996	BONE SPRING	ACTIVE
35. YDU 35         30025315960000         6/12/1992         D&A - PLUGGED           36. YDU 36         30025336420000         11/28/1996         BONE SPRING         ACTIVE           37. YDU 37         30025336430000         12/14/1996         BONE SPRING         ACTIVE           38. YDU 38         30025338640000         12/25/1997         BONE SPRING         ACTIVE           39. YDU 39         30025381790001         4/6/2007         MORROW         ACTIVE-RECOMPL 2013           40. YDU 40H         3002540820         BONE SPRING         PROPOSED NEW DRIL           41. YOUNG DEEP UNIT 3 FED 1         30025273690000         12/1/1990         BONE SPRING         ACTIVE-WIW           42. YDU 3 FED-2         30025289070000         11/19/1984         BONE SPRING         ACTIVE           43. YDU 3 FED-3         30025275340000         8/6/1993         BONE SPRING         P&A           44. YDU 3 FED-4         30025284810000         4/18/1984         BONE SPRING         P&A           45. YDU 3 FED-5         300252890770000         10000000000         4/18/1984         BONE SPRING         P&A	33.	YDU 33	30025334620000	8/24/1996	BONE SPRING	ACTIVE
36. YDU 36       30025336420000       11/28/1996       BONE SPRING       ACTIVE         37. YDU 37       30025336430000       12/14/1996       BONE SPRING       ACTIVE         38. YDU 38       30025338640000       12/25/1997       BONE SPRING       ACTIVE         39. YDU 39       30025381790001       4/6/2007       MORROW       ACTIVE-RECOMPL 2013         40. YDU 40H       3002540820       BONE SPRING       PROPOSED NEW DRIL         41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A	34.	YDU 34	30025314670000	12/24/1991	DELAWARE	ACTIVE
37. YDU 37       30025336430000       12/14/1996       BONE SPRING       ACTIVE         38. YDU 38       30025338640000       12/25/1997       BONE SPRING       ACTIVE         39. YDU 39       30025381790001       4/6/2007       MORROW       ACTIVE-RECOMPL 2013         40. YDU 40H       3002540820       BONE SPRING       PROPOSED NEW DRIL         41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-5       30025284810000       4/18/1984       BONE SPRING       P&A			30025315960000	6/12/1992		D&A - PLUGGED
38. YDU 38       30025338640000       12/25/1997       BONE SPRING       ACTIVE         39. YDU 39       30025381790001       4/6/2007       MORROW       ACTIVE-RECOMPL 2013         40. YDU 40H       3002540820       BONE SPRING       PROPOSED NEW DRIL         41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A         45. YDU 3 FED-5       30025280710000       100000000       100000000       1000000000       100000000       100000000       100000000       100000000       1000000000       1000000000       100000000       1000000000       1000000000       100000000000       10000000000       10000000000       100000000000       100000000000       10000000000       100000000000       100000000000       100000000000       100000000000       1000000000000       1000000000000       1000000000000       10000000000000       10000000000000       1000000000000000       100000000000000000       100000000000000000000000000000       1000000000000000000000000000000000000			30025336420000		BONE SPRING	ACTIVE
39. YDU 39 30025381790001 4/6/2007 MORROW ACTIVE-RECOMPL 2013 40. YDU 40H 3002540820 BONE SPRING PROPOSED NEW DRIE 41. YOUNG DEEP UNIT 3 FED 1 30025273690000 12/1/1990 BONE SPRING ACTIVE-WIW 42. YDU 3 FED-2 30025289070000 11/19/1984 BONE SPRING ACTIVE 43. YDU 3 FED-3 30025275340000 8/6/1993 BONE SPRING P&A 44. YDU 3 FED-4 30025284810000 4/18/1984 BONE SPRING P&A	37.	YDU 37,	30025336430000	12/14/1996	BONE SPRING	ACTIVE
40. YDU 40H       3002540820       BONE SPRING       PROPOSED NEW DRIL         41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A         45. YDU 3 FED-5       30025277100000       C/00/1004       BONE SPRING       P&A	38.	YDU 38	30025338640000	12/25/1997	BONE SPRING	ACTIVE
41. YOUNG DEEP UNIT 3 FED 1       30025273690000       12/1/1990       BONE SPRING       ACTIVE-WIW         42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A         45. YDU 3 FED-5       30025284810000       4/18/1984       BONE SPRING       P&A	39.	YDU 39	30025381790001	4/6/2007	MORROW	ACTIVE-RECOMPL 2012
42. YDU 3 FED-2       30025289070000       11/19/1984       BONE SPRING       ACTIVE         43. YDU 3 FED-3       30025275340000       8/6/1993       BONE SPRING       P&A         44. YDU 3 FED-4       30025284810000       4/18/1984       BONE SPRING       P&A	40.	YDU 40H	3002540820		BONE SPRING	PROPOSED NEW DRILL
43. YDU 3 FED-3 30025275340000 8/6/1993 BONE SPRING P&A 44. YDU 3 FED-4 30025284810000 4/18/1984 BONE SPRING P&A	41.	YOUNG DEEP UNIT 3 FED 1	30025273690000	12/1/1990	BONE SPRING	ACTIVE-WIW
44. YDU 3 FED-4 30025284810000 4/18/1984 BONE SPRING P&A	42.	YDU 3 FED-2	30025289070000	11/19/1984		ACTIVE
45 VOLLO FED 5	43.	YDU 3 FED-3	30025275340000	8/6/1993	BONE SPRING	P&A
45 VOLLO FED F 100005007400000 10004 DONE OPPING ACTIVE	44.	YDU 3 FED-4	30025284810000	4/18/1984	BONE SPRING	P&A
[30023207100000] 0/30/1904 [DOINE SENTING [ACTIVE	45.	YDU 3 FED-5	30025287180000	6/30/1984	BONE SPRING	ACTIVE
46 VDI 4 EED 1 20025269120000 9/9/1006 PONE SPRING DRA	46.	YDU 4 FED-1	30025268130000	8/8/1996	BONE SPRING	
47 VDI 4 FED-2 30025276790102 5/7/1995 BONE SPRING ACTIVE	47.	YDU 4 FED-2	30025276790102			
48. YDU 4 FED-3 30025292680000 10/3/1985 BONE SPRING ACTIVE	48.	YDU 4 FED-3	30025292680000	10/3/1985	BONE SPRING	

YDU WELLS WITH INDIVIDUAL TANKS	YDU WELLS GOING TO YDU 1 - BATTERY	YDU WELLS GOING TO YDU 11 - BATTERY	YDU WELLS BY PARTICIPATING AREA
YOUNG DEEP UNIT 1 YDU 12 YDU 14H YDU 18 YDU 20 YDU 23 YDU 24 YDU 25	YDU 6 YDU 7 YDU 8 YDU 9 YDU 10 YDU 21 YDU 26 YDU 4 FED-2	YDU 4 YDU 11 YDU 13 YDU 15 YDU 17 YDU 22	MORROW: None  WOLFCAMP: YDU 1
YDU 28 YDU 29 YDU 30 YDU 31 YDU 32 YDU 33 YDU 34 YDU 36 YDU 37 YDU 38 YDU 39	YDU WELLS GOING TO YDU 25 - BATTERY  YDU 25 YDU 30 YDU 32 YDU 33  YDU WELLS GOING TO YDU 36 - BATTERY	YDU WELLS GOING TO YDU 3 FED 1 - BATTERY  YDU 3 FED 2 YDU 3 FED 4 YDU 3 FED 5  YDU WELLS GOING TO YDU 4 FED 1 - BATTERY	DELAWARE: YDU 28 YDU 34  BONE SPRING: ALL OTHERS
2009 UNIT ACTIVITY 2010 UNIT ACTIVITY	YDU 37  YDU 21 - ADD PAY WORKO YDU 9 - ADD PAY WORKOV  MAINTENANCE ONLY - EVA	VER /ER	
2011 UNIT ACTIVITY  2012 UNIT ACTIVITY  2013-14 PLANNED ACTIVITY		P&A  TO BONE SPRING FM. 1/2012  AL 2ND BONE SPRING SAND TES	\$T
		T DEVELOPMENT - #41H & #42H	



- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- · Oil Well
- Plugged and Abandoned Oil Well
- M Oil Well converted to water injector
- Oil Well Workover
- 🗓 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

# YOUNG DEEP UNIT T-18-S, R-32-E LEA COUNTY, NEW MEXICO

Suzi Yahney	1" = 2,000 ft.	2/27/2013	
UNIT Wells BLACK	Scale 1:24000.	YDU_POD.gpf	

Suzi Yahney

YDU\_PROD\_CUM

1" = 2,000 ft.

Scale 1:24000.

2/27/2013

YDU\_POD2.gpf

Oil Well Workover

🗷 Injector - Plugged

Gas Well Plugged and Abandoned

- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- Oil Well
- Plugged and Abandoned Oil Well
- M Oil Well converted to water injector
- Oil Well Workover
- 🛚 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

# YOUNG DEEP UNIT T-18-S, R-32-E, LEA COUNTY, NM Roads

Suzi Yahney	1" = 2,000 ft.	2/27/2013
YDU_YDROADS	Scale 1:24000.	YDU_POD3.gpf

- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- · Oil Well
- Plugged and Abandoned Oil Well
- Oil Well converted to water injector
- Oil Well Workover
- , Injector Plugged

## NADEL and GUSSMAN HEYCO, LLC

# YOUNG DEEP UNIT T-18-S, R-32-E, LEA COUNTY, NM Pipelines and Flowlines

Suzi Yahney	1" = 2,000 ft.	2/27/2013
YDU_YDUPIPE	Scale 1:24000.	YDU_POD4.gpf

-103.46.0

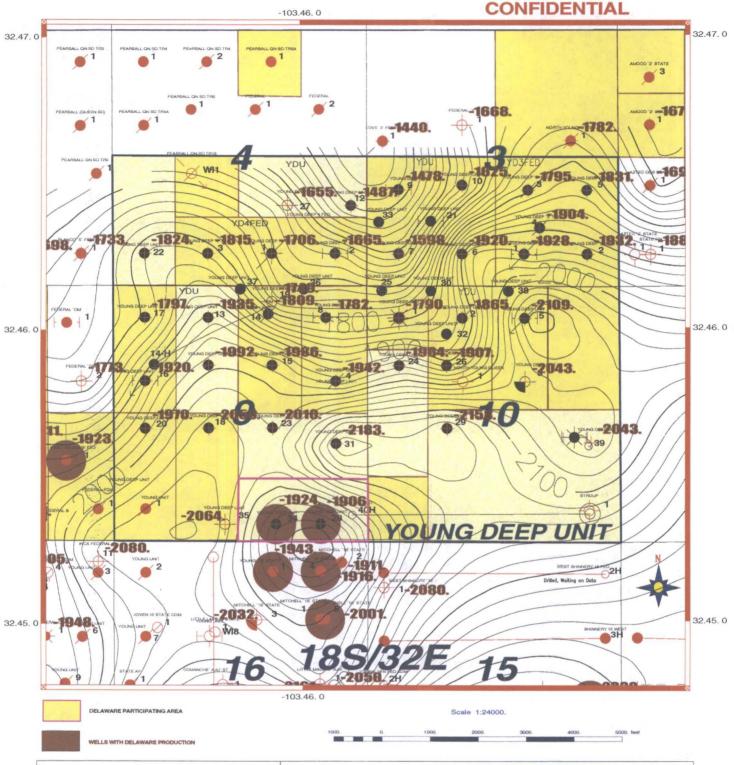
#### **LEGEND**

- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- · Oil Well
- Plugged and Abandoned Oil Well
- Oil Well converted to water injector
- Oil Well Workover
- # Gas Well Plugged and Abandoned
- 🗓 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

### YOUNG DEEP UNIT T-18-S, R-32-E - LEA COUNTY, NM T/BONE SPRING "B" CARBONATE

C I = 20 FT.	1" = 2,000 ft.	2/27/2013	
YDU_BSPG	Scale 1:24000.	YDU_POD6.gpf	

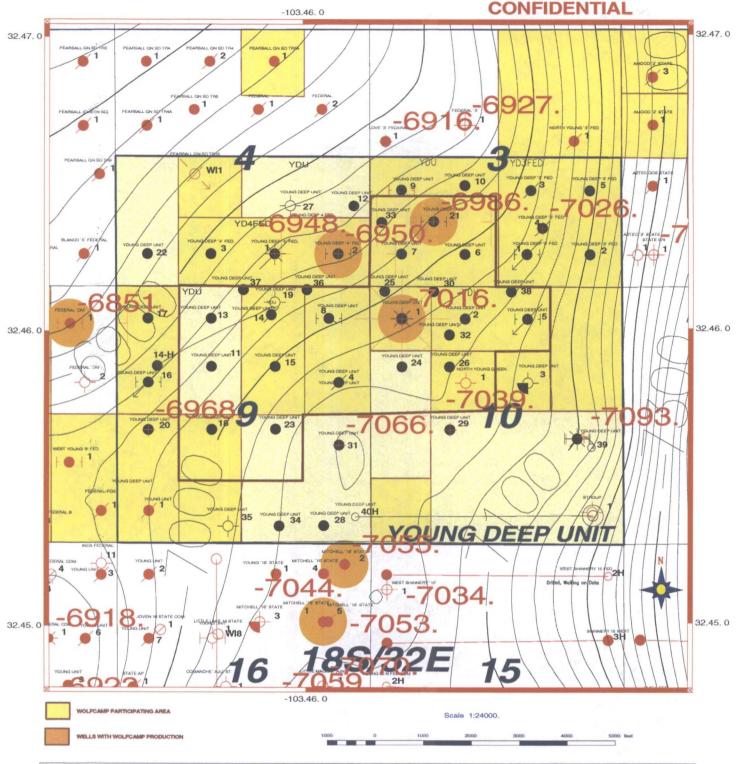


- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- Oil Well
- Plugged and Abandoned Oil Well
- Oil Well converted to water injector
- Oil Well Workover
- # Gas Well Plugged and Abandoned
- 🛚 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

### YOUNG DEEP UNIT T-18-S, R-32-E - LEA COUNTY, NM T/U. BRUSHY CANYON DLWR MARKER

C I = 20 FT.	1" = 2,000 ft.	2/27/2013
YDU_DLWR	Scale 1:24000.	YDU_POD5.gpf

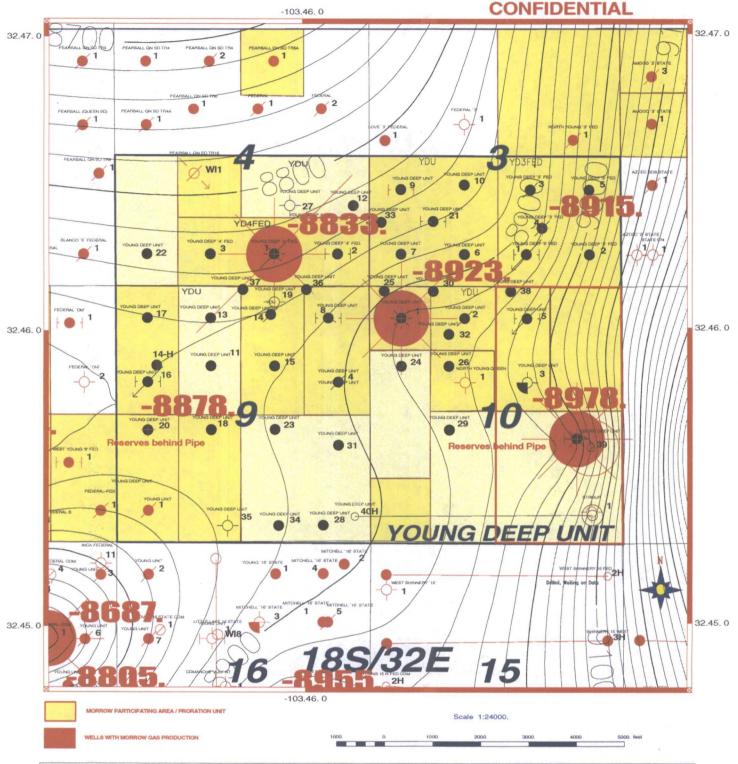


- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- Oil Well
- Plugged and Abandoned Oil Well
- M Oil Well converted to water injector
- Oil Well Workover
- \* Gas Well Plugged and Abandoned
- 🛚 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

### YOUNG DEEP UNIT T-18-S, R-32-E - LEA COUNTY, NM STRUCTURE AT BASE WOLFCAMP FM.

C I = 20 FT	1" = 2,000 ft.	2/27/2013	
YDU_PLVS	Scale 1:24000.	YDU_POD7.gpf	

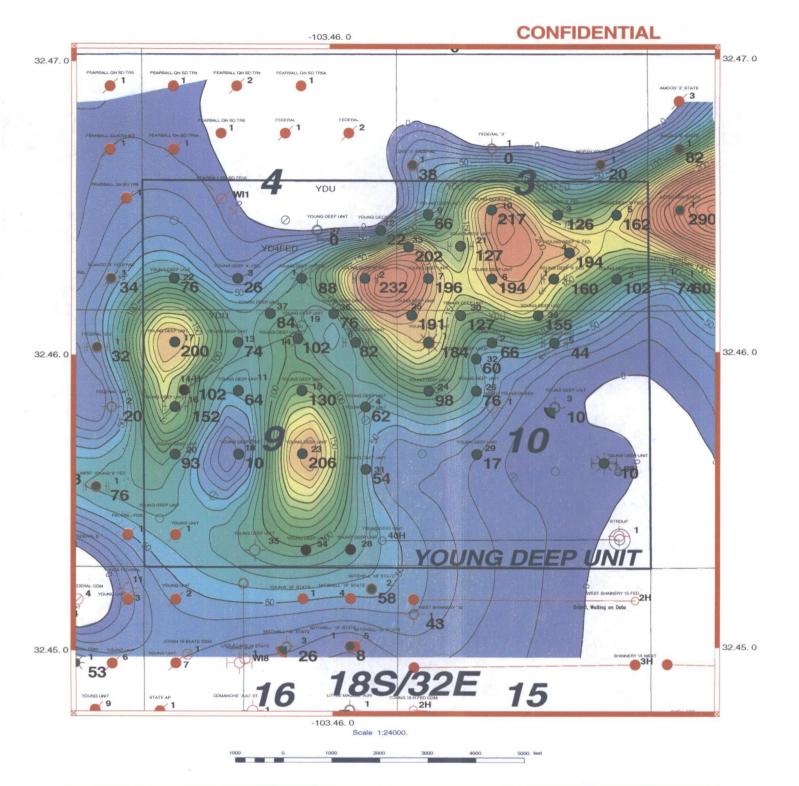


- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- Oil Well
- Plugged and Abandoned Oil Well
- Oil Well converted to water injector
- Oil Well Workover
- , Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

### YOUNG DEEP UNIT T-18-S, R-32-E - LEA COUNTY, NM STRUCTURE T/ LOWER MORROW

C I = 20 FT.	1" = 2,000 ft.	2/27/2013	
YDU_MRRWL	Scale 1:24000.	YDU_POD8.gpf	

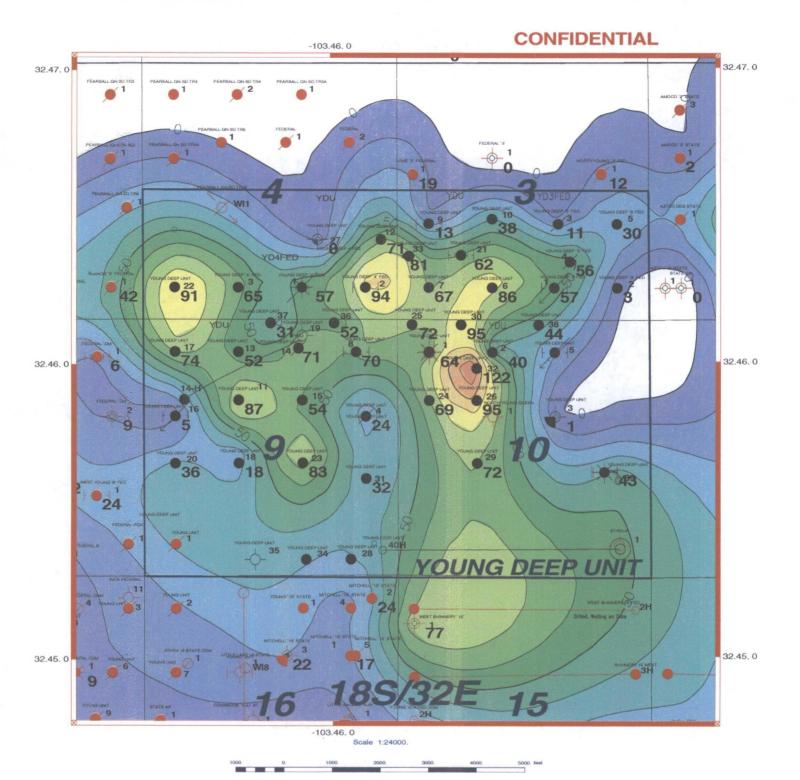


- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- · Location Active or Proposed
- · Oil Well
- Plugged and Abandoned Oil Well
- Oil Well converted to water injector
- Oil Well Workover
- # Gas Well Plugged and Abandoned
- 🛚 Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

# YOUNG DEEP UNIT T-18-S, R-32-E, LEA COUNTY, NM Bone Spring "B" Carbonate Porosity >6%

C I = 10 FT.	1" = 2,000 ft.	2/27/2013	
YDU_BSPGB	Scale 1:24000.	YDU_POD9.gpf	

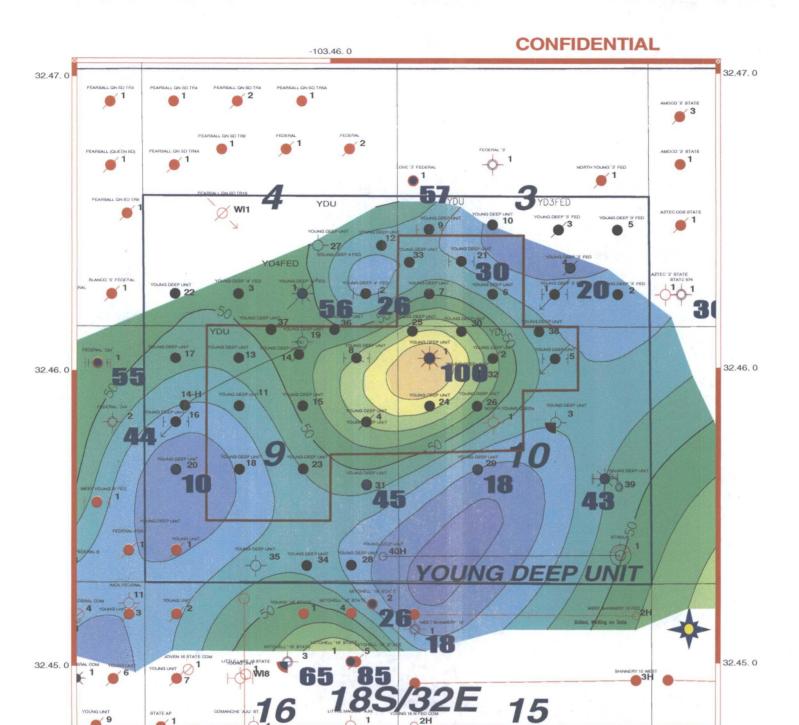


- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- · Oil Well
- Plugged and Abandoned Oil Well
- M Oil Well converted to water injector
- Oil Well Workover
- Gas Well Plugged and Abandoned
- Injector Plugged

# NADEL and GUSSMAN HEYCO, LLC

# YOUNG DEEP UNIT T-18-S, R-32-E, LEA COUNTY, NM Bone Spring 2nd Sd Pay - Porosity >10%

C I = 10 FT.	1" = 2,000 ft.	2/27/2013
YDU_BSPG2C	Scale 1:24000.	YDU_POD0.gpf



-103.46. 0

### LEGEND

WOLFCAMP PARTICIPATING AREA

- Abandoned Location
- Dry and Abandoned
- \* Gas Well
- Location Active or Proposed
- Oil Well
- Plugged and Abandoned Oil Well
- M Oil Well converted to water injector
- Oil Well Workover
- 🛚 Injector Plugged

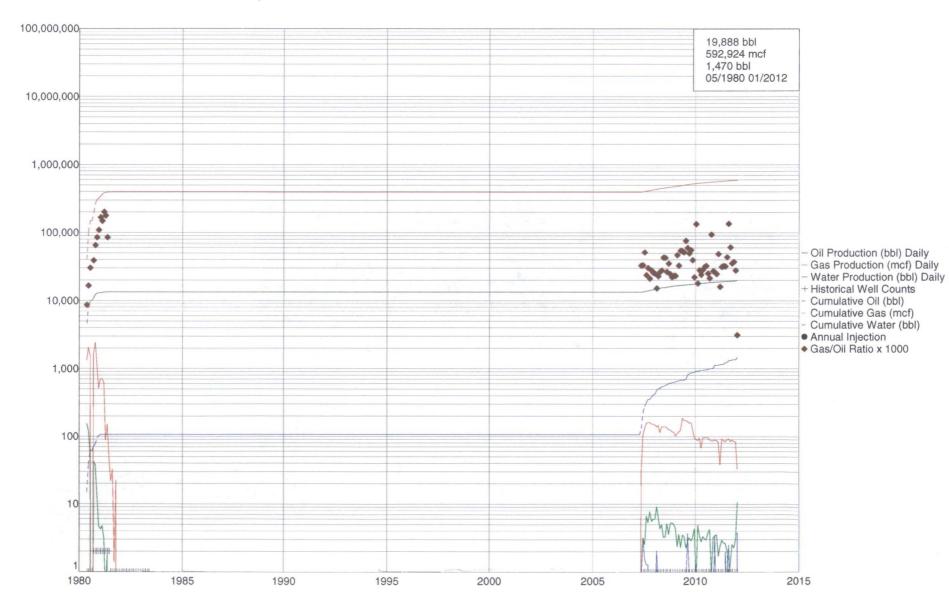
# NADEL and GUSSMAN HEYCO, LLC

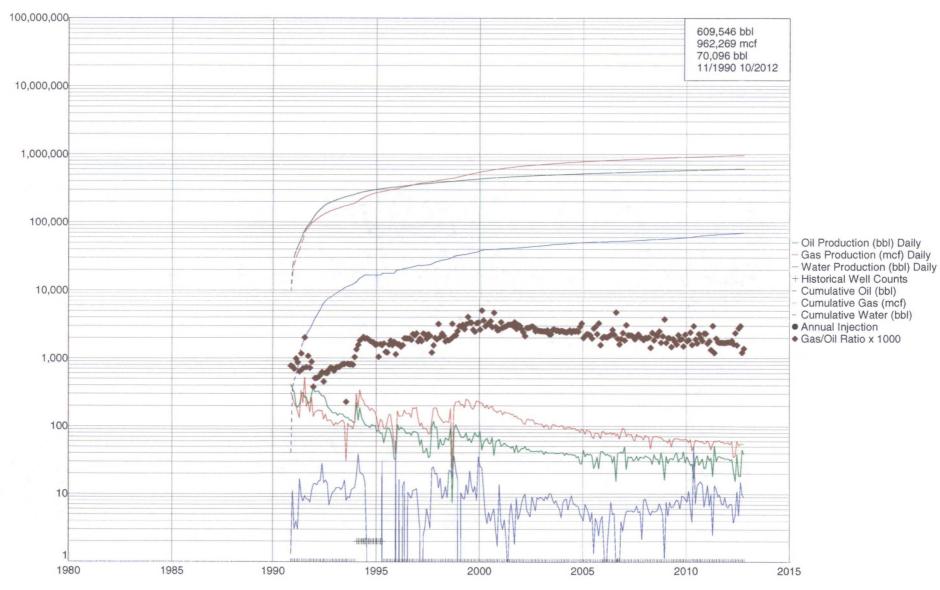
### YOUNG DEEP UNIT T-18-S, R-32-E - LEA COUNTY, NM GROSS ISOPACH LOWER WOLFCAMP PAY

C I = 10 FT.	1" = 2,000 ft.	2/27/2013
YDU_WFMPAF	Scale 1:24000.	YDU_POD1.gpf

Lease Name: MULTIPLE County, State: LEA, NM Operator: MULTIPLE Field: YOUNG Reservoir: MORROW Location:

### HEYCO, NADEL and GUSSMAN HEYCO YOUNG DEEP UNIT YOUNG MORROW



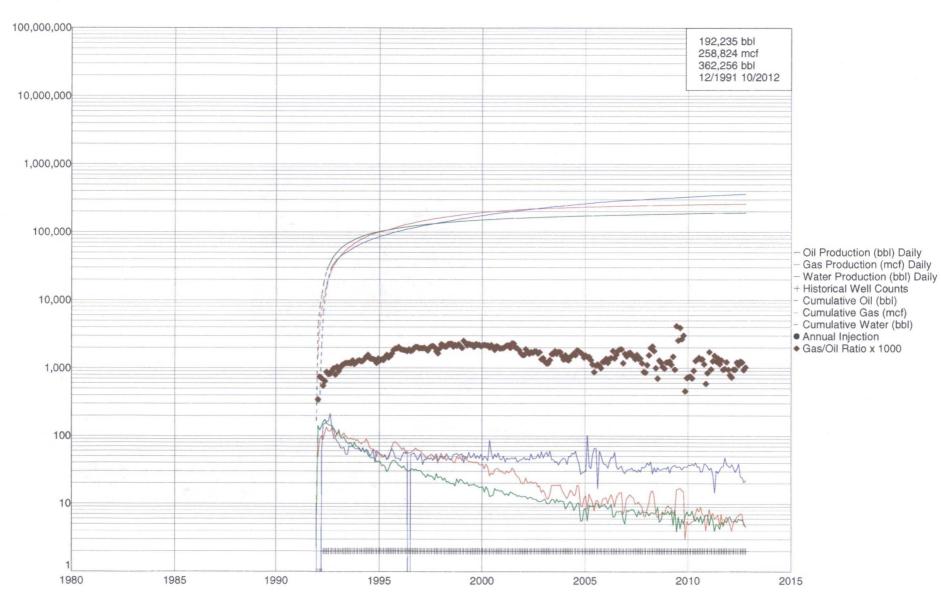


Production Rates

Lease Name: YOUNG DEEP UNIT
County, State: LEA, NM
Operator: NADEL & GUSSMAN HEYCO LLC
Field: YOUNG NORTH

Field: YOUNG NORTH Reservoir: DELAWARE Location:

#### HEYCO, NADEL and GUSSMAN HEYCO YOUNG DEEP UNIT YOUNG NORTH DELAWARE



Time

Production Rates

Lease Name: MULTIPLE
County, State: LEA, NM
Operator: MULTIPLE
Field: YOUNG NORTH
Reservoir: BONE SPRING
Location:

#### HEYCO, NADEL and GUSSMAN HEYCO YOUNG DEEP UNIT YOUNG NORTH BONE SPRING

