District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 848-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD
MAY 10 2013
RECEIVED

Form C-101
Revised August 1, 2011

Permit

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

[1] Operator Name and Address	[2] OGRID Number
CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705	4323
	[3] API Number 30-025-03106

[4] Property Code	[5] Property Name	[6] Well No.
	STATE "AN"	6

[7] Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	7	18-S	35-E		990	SOUTH	2310	EAST	LEA

[8] Pool Information

~~VACUUM; BONE SPRING 46195~~ WC-025 G06 S183518A; Bone Spring	97930

Additional Well Information

[9] Work Type	[10] Well Type	[11] Cable/Rotary	[12] Lease Type	[13] Ground Level Elevation
RECOMPLETE	OIL		STATE	3972'
[14] Multiple	[15] Proposed Depth	[16] Formation	[17] Contractor	[18] Spud Date
NO	9025'	BONE SPRING		
Depth to Ground water	Distance from nearest fresh water well		Distance to nearest surface water	

[19] Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
			NO CHANGE			

Casing/Cement Program: Additional Comments

Permit Expires 2 Years From Approval Date Unless Drilling Underway

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Plugback Manufacturer

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 ☐.

Denise Pinkerton

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: leakejd@chevron.com

Date: 05/07/2013 Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date: 05/14/13 Expiration Date: 05/14/15

Conditions of Approval Attached

MAY 20 2013

District I
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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

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Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-03106	~~46195~~ 97930	~~VACUUM~~; BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
	STATE "AN"	6

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3972'

[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
O	7	18-S	35-E		990	SOUTH	2310	EAST	LEA

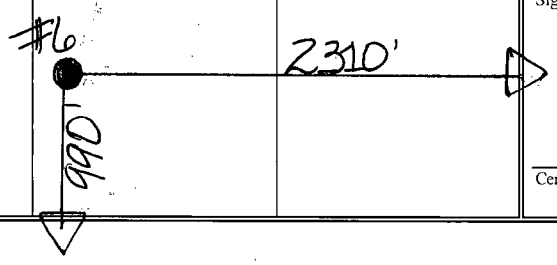
[11] Bottom Hole Location If Different From Surface

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			PLC-103-F

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.

[16]



[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.

05-07-2013
Signature Date

DENISE PINKERTON REGULATORY SPECIALIST
Printed Name

leakejd@chevron.com
E-mail Address

[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.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

Well: State AN #6
Field: Vacuum Bone Spring
API No.: 30-025-03106
Lea County, New Mexico

Description of work: Squeeze Perfs, DO CIBP, CO to 8,800'. 3 Stage Frac, RTP.

Pre-Work:

1. Check Wellhead connections for pressure ratings and condition. Change out if necessary.
2. Utilize the rig move check list.
3. Check anchors and verify that pull test has been completed in the last 24 months.
4. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
5. Ensure that location is of adequate build and construction.
6. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
7. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole
8. For wells to be worked on or drilled in an H2S field/area, include the anticipated maximum amount of H2S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm (attached).
9. If the possibility of trapped pressure exists, check for possible obstruction by:
    - Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results
    - Dummy run – make a dummy run through the fish/tubular with sandline, slickline, eline or rods to verify no obstruction. Prior to making any dummy run contact RE and discuss.

    If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:

    - Hot Tap at the connection to check for pressure and bleed off

Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.

Procedure:

1. Rig up pulling unit. Check wellhead pressure, and kill well as necessary.
2. ND wellhead. NU 5,000 psi BOP with 2-7/8" pipe rams over blinds with hydrill on top. RIH with 1 joint of 2-7/8"tubing and 5-1/2" packer. Set packer. Test BOP to 250 psi low / 500 psi high.
3. TIH with (6) 3-1/8" DC's on 2-7/8" L-80 work string w/ 4-3/4" MTB to 4,355' and DO cement and CIBP (CIBP @ 4,370'). Clean out to +/- 4,700'.
4. TOH with MTB.
5. RIH 5-1/2" packer on 2-7/8" work string. Set packer at 4,390'.
6. Establish injection into perfs located @ 4,425 – 4,670'. Attempt to determine injection rate, injection pressure, total injection volume, and pressure bleed off response from perfs. Notify RE of results and a squeeze will be designed based on this information.

7. TIH with 4-3/4" MTB and (6) 3-1/8" DC's on 2-7/8" L-80 work string.
8. Rig up reverse unit. Drill out cement retainer & squeeze cement. Close BOP and test squeeze to 1,000 psi.
9. Continue to RIH to 5,030' and DO cement and CIBP (CIBP @ 5,050').
10. Continue to RIH to 8,715' and DO cement and CIBP (CIBP @ 8,750' capped w/ 35' of cement).
11. Clean out to 8,800' and reverse circulate clean. Circulate 4% KCL water.

Use 4% KCL anytime fluids are going to be on the Bonespring formation

12. Rig up wireline truck & lubricator. Run gauge ring to 8,800'. RIH with CIBP to 8,795' and set. Dump bail 35' of cement on top.
13. Tie into Schlumberger's GR–Sonic log dated 9/17/1962 for correlation and run a GR-CNL-RAL from PBTD to 4800'. Scott Ingram (ES, cell: 432-238-3479) will be on location for log to modify perf selection as necessary. Send logs to Ryan Warmke and RE for review.
14. Rig up full lubricator, test lubricator to 1,000 psi on catwalk. RIH with Baker's 4" EHC Predator XP (or equivalent charge from another vender). Perforate the 5-1/2" casing with 3 JSPF (90 degree phasing) as follows:

    - 8,593 – 98' (15 holes)
    - 8,662 – 67' (15 holes)
    - 8,721 – 26' (15 holes)

15. POOH with perforating gun.
16. Rig down wireline truck. Prepare to Frac.
17. Close blind rams and change pipe rams from 2-7/8" to 3-1/2". Test rams to 250 psi low / 1,000 psi high.
18. TIH with 5-1/2" treating packer on 3-1/2" L-80 workstring and set at 8,500'. Test tubing to 8,000 psi below slips while RIH.
19. Install 10K frac valve on top of BOP and tie 3-1/2" to frac valve with nubbin.
20. Test frac valve to 8,000 psi.
21. Rig down pulling unit. (Rig to return to prep for 2nd stage after the well has been bled down from the flow back)
22. Move in 8 frac tanks and set on location. Fill with 4% KCL.
23. Frac the 2ND Bone Spring interval (8,593'-8,726') per the attached Baker Frac Design. Treat via 3-1/2" tubing at 35 bpm with an anticipated wellhead treating pressure of 7,228 psi.
    a. Load and pressure backside to 500 psi. Set pop-off at 600 psi.

24. Rig down frac equipment. Shut in well over night to allow the gel to break and to allow the resin coated sand to set in place.
25. Open up well the next morning and flow back load unit well dies.
26. Rig up pulling unit.
27. Kill well if necessary. ND frac valve. Test BOP against frac packer. Test pipe rams to 250 psi low/ 1,000 psi high.
28. Release packer and TOH and stand back 3-1/2" workstring.
29. Rig up wireline truck & lubricator. Tie into Schlumberger's GR–Sonic log dated 9/17/1962 for correlation and set a composite BP @ 8,400'.
30. Dump 10' of cement on top of CBP.
31. Rig up full lubricator, test lubricator to 1,000 psi on catwalk. RIH Baker's with 4" EHC Predator XP (or equivalent charge from another vender). Perforate the 5-1/2" casing with 3 JSPF (90 degree phasing) as follows:

    - 8,206 – 10' (12 holes)
    - 8,266 –70' (12 holes)
    - 8,296 –8,300' (12 holes)
    - 8,329 – 33' (12 holes)

32. POOH with perforating gun.
33. Rig down wireline truck. Prepare to Frac.
34. Test rams to 250 psi low / 1,000 psi high.
35. TIH with 5-1/2" treating packer on 3-1/2" L-80 workstring and set at 8,150'. Test tubing to 8,000 psi below slips while RIH.
36. Install 10K frac valve on top of BOP and tie 3-1/2" to frac valve with nubbin.
37. Test frac valve to 8,000 psi.
38. Rig down pulling unit. (Rig to return to prep for 3rd stage after the well has been bled down from the flow back)

The following frac design may be modified based upon the results of the 1st frac

39. Frac the 2ND Bone Spring interval (8,206'-8,333') per the attached Baker Frac Design. Treat via 3-1/2" tubing at 35 bpm with an anticipated wellhead treating pressure of 7,228 psi (Same design as 1st stage unless modified design was sent out).
    a. Load and pressure backside to 500 psi. Set pop-off at 600 psi.
40. Rig down frac equipment. Shut in well over night to allow the gel to break and to allow the resin coated sand to set in place.
41. Open up well the next morning and flow back load unit well dies.
42. Rig up pulling unit.

43. Kill well if necessary. ND frac valve. Test BOP against frac packer. Test pipe rams to 250 psi low/ 1,000 psi high.
44. Release packer and TOH and stand back 3-1/2" workstring.
45. Rig up wireline truck & lubricator. Tie into Schlumberger's GR–Sonic log dated 9/17/1962 for correlation and set a composite BP @ 8,150'.
46. Dump 10' of cement on top of CBP.
47. Rig up full lubricator, test lubricator to 1,000 psi on catwalk. RIH Baker's with 4" EHC Predator XP (or equivalent charge from another vender). Perforate the 5-1/2" casing with 3 JSPF (90 degree phasing) as follows:

    - 7,976 – 80' (12 holes)
    - 8,004 –08' (12 holes)
    - 8,066 –8,070' (12 holes)
    - 8,098 – 102' (12 holes)

48. POOH with perforating gun.
49. Rig down wireline truck. Prepare to Frac.
50. Test rams to 250 psi low / 1,000 psi high.
51. TIH with 5-1/2" treating packer on 3-1/2" L-80 workstring and set at 7,900'. Test tubing to 8,000 psi below slips while RIH.
52. Install 10K frac valve on top of BOP and tie 3-1/2" to frac valve with nubbin.
53. Test frac valve to 8,000 psi.
54. Rig down pulling unit. (Rig to return to run production equipment after the well has been bled down from the flow back)

The following frac design may be modified based upon the results of the 1st frac

55. Frac the 2ND Bone Spring interval (7,976'-8,102') per the attached Baker Frac Design. Treat via 3-1/2" tubing at 35 bpm with an anticipated wellhead treating pressure of 7,228 psi (Same design as 1st stage unless modified design was sent out).
    a. Load and pressure backside to 500 psi. Set pop-off at 600 psi.
56. Rig down frac equipment. Shut in well over night to allow the gel to break and to allow the resin coated sand to set in place.
57. Open up well the next morning and flow back load unit well dies.
58. Rig up pulling unit.
59. Kill well if necessary. ND frac valve. Test BOP against frac packer. Test pipe rams to 250 psi low/ 1,000 psi high.
60. Release packer and TOH laying down 3-1/2" workstring.

61. Close blind rams and change pipe rams from 3-1/2" to 2-7/8". Test rams to 250 psi low / 1,000 psi high. Test annular to 250 psi low / 1,000 psi high. Bleed off pressure. POOH and lay down test packer.
62. RIH with 2-7/8" workstring and 4-3/4" MTB.
63. Drill out cement and CBP @ 8,150' & 8,400' using 4% KCL.
64. Continue to CO to PBTD of 8,735' using 4% KCL. If circulation is not obtained, RU Foam Air Unit (See attached procedure).
65. POOH and laydown 2-7/8" workstring and 4-3/4" bit.
66. RIH with 2-7/8" production tubing and set SN @ 8,700' and tubing anchor at 7,840'.
67. ND BOP. NU wellhead.
68. RIH with pump and rods.

    1" N-97 Rods – 104 Rods (2,600')
    1" N-97 Rods – 1 Rod Sub (15') (2,615' total feet of 1" N-97 Rods)
    7/8" N-97 Rods – 232 Rods (5,800')
    7/8" N-97 Rods – 1 Rod Sub (10') (5,810' total feet of 7/8" N-97 Rods)
    1-1/2" K-Bars – 11 sinker bars (275')
    1-3/4" Insert Pump

69. Rig down pulling unit.
70. Place well on production and test.

RRW 12/14/2012

Contacts:

Remedial Engineer – Larry Birkelbach	(432-687-7650 / Cell: 432-208-4772)
Production Engineer – Ryan Warmke	(432-687-7452 / Cell: 281-460-9143)
ALCR – Danny Acosta	(Cell: 575-631-9033)
D&C Ops Manager – Boyd Schaneman	(432-687-7402 / Cell: 432-238-3667)
D&C Supt. – Heath Lynch	(432-687-7857 / Cell: 281-685-6188)
OS – Nick Moschetti	(Cell: 432-631-0646)
Baker Hughes Rep – Doug Lunsford	(432-570-1050 / Cell: 432-559-0396)
Baker Hughes Rep (Frac) – Kellyn Gavin	(432-687-7467 / Cell:432-202-1336)

PROPOSED
WELLBORE DIAGRAM

State AN #6

LOCATION

State	New Mexico
County	Lea
Surface Location	990 FSL & 2310 FEL
	Sec 7, R-35E, T-18S
	Unit O

WELL ID INFORMATION

Lease Name	State AN #6
Field	Vacuum Bone Spring
Reservoir	Bone Spring
Ref #	
API #	30-025-03106

KB:	
DF:	3972'
GL:	
Spud Date:	7/31/1962
Compl. Date:	9/16/1962

CASING DETAIL

Surface Csg.	
Size:	13-3/8"
Wt.:	25.6#
Set @:	337
Sxs cmt:	2185 sxs +25 sx
TOC:	Surface
Hole Size:	17-1/4"
Production Csg.	
Size:	8-5/8"
Wt.:	24# & 32# J-55
Set @:	3316
Sxs Cmt:	1650 sx
TOC:	circ
Hole Size:	11"
Production Csg.	
Size:	5-1/2"
Wt.:	15.5 & 17#
Set @:	9025
Sxs Cmt:	827 sx; 700 sx (2007)
TOC:	3600'; 620' (2007)
Hole Size:	7-7/8"

7/1962- spud, Perf 8856-92, 8896-8925, 8930-68 , 2 spf, Ac 1000 mud acid
9/22/1962- Test F 135bo, 0 bw, GOR 833 on 16/64" choke
10/1/1962- F 141 bo, 0 bw, 117 mcfpd
8/1966- SN 8850'
12/ 1968- Ac 5000 gals 20%, SN 8818'
1/1969- PB w/ pea gravel to 8931', Hydromite 8931-8881, treated 8856-8881 w/ 500 gals oil + Kerosene+5000 gals 20% + 500 # Moth Balls
3/1971- Relace 320 Unit with 456 Unit
7/1974- On Lufkin 912 Unit, 55bo, 400 bw, GOR 818
10/1981- pumped 1 cylinder Mag M + 4000 gals 15% + 100 BS, Map P 900#, 5 BPM, Ran ODI pump
8/1982- Ran pressure bomb @ 8865', 560-697#, Ac w/ xylene + 3000 gals + 50 BS + 500#RS, Map P 2000#, 5.1 BPM, On Jet pump
12/1982- Perf 8850-81, 31 holes, Ac old and new perfs 8850-81 w/ 9000 gals 15% + 9000 gals gel pad + 80 BS, MaxP 5300#, 10.5 BPM, put on jet pump
1/26/1983- Cmt Sq 8850-80 w/ 50 sxs, perf 8800-34 w/ 69 holes, swb dry, Couldn't break down w/ 5000#, swb back iron sulfide water
6/2/1983- Ran log to check for channel, **fluid going out bottom perf 8834'**, SI evaluation
8/2001- Set CIBP 8750', TA'd well
2/2007 - Dump 35' cmt on CIBP A 8,750'. Set CIBP @ 5,050' & dump 20' cmt on top. Shot 4 sqz holes in 1 ft to 3,603', set pkr @ 3,543 & cmt ret @ 3,537'. Pump cmt: 400 sx "C" cmt, 108 bbls, 200 sx "C" cmt, 100 sx "C" cmt w/ 2% S1, displace 19.5 BBPS down tbg. Cmt circ to surf 46 bbls (195 sx). RIH w/ bit and tag cmt @ 3,529'. DO cmt & cmt ret & TIH to 5,032. TOC at 602' from surface from temp survey. Perf 4 SPF: 4642-46, 4660-70, 4615-21, 4554-58, 4578-82, 4494-98, 4534-38, 4461-72, 4484-88, 4425-29, 4436-40 (236 Total Holes). Set RBP @ 4,680' and pkr @ 4,654', pump 500 gals 15% stimulate perfs from 4,6600-70'. Set pkr @ 4,605 spot 500 gals acid. set pkr 4,370' pump 4,750 gals 15% HCL. Swab. Reeves Queen unproductive. Set CIBP @ 4,370' & dump bail 15' cmt. MIT test to 500# for 35 minutes. Good test.

Perfs: 4642-46, 4660-70, 4615-21, 4554-58, 4578-82, 4494-98, 4534-38, 4461-72, 4484-88, 4425-29, 4436-40' - **All Perfs squeezed from 4,425- 4,670'**

Tubing Details
2-7/8" Tubing
SN @ 8,700'
TAC @ 7,840'

Bone Spring Perforations
Perf 8593-98, 8662-67, 8721-26, 3 SPF
Perf 8206-10, 8266-70, 8296-300, 8329-33, 3 SPF
Perf 7976-80, 8004-08, 8066-70, 8089-102, 3 SPF

CIBP 8795' w/ 35'

Cmt Retainer

Hydomite 8931-8881

8800-8834

8850-8880

8856-8968

PBTD: 8,760'
TD: 9,025'

ABO PERFORATIONS
Perf 8856-92, 8896-8925, 8930-68 , 2 spf (7/1962)
Hydromite perfs 8931-8881 (1/1969)
Perf 8850-81, 31 holes (12/1982)
Cmt Sq 8850-80 w/ 50 sxs, Perf 8800-8834, 69 holes (Couldn't breakdown) (1/1983)

UPDATED BY: Ryan Warmke
DATE: 5/6/2013

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

WELL API NO. **30-025-03106**	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. **E-7653**	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name **State AN**
	8. Well Number **6**
2. Name of Operator **CHEVRON U.S.A. INC.**	9. OGRID Number
3. Address of Operator **15 SMITH ROAD; MIDLAND, TX 79705**	10. Pool name or Wildcat **46195 - Vacuum Bone Spring**
4. Well Location Unit Letter: **O** ; **990'** feet from the **South** line and **2310'** feet from the **East** line Section **7** Township **18S** Range **35E** NMPM **LEA** County	
11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* **3972' DF**	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐		☒ **Amend PLC-103-E** PLC-103-F	
OTHER: ☐		OTHER: **Add Bone Spring Production to the Abo Battery**	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chevron U.S.A. Inc. respectfully request administrative Approval to amend Commingle Order PLC-E, to add the Bone Spring production to the Abo Reef Consolidated Battery, located in Unit B, Section 7, T18S, R35E, Lea County, New Mexico.
State AN # 6, API: 30-025-03106, is currently TA'd and Chevron plans to recomplete the well in the Bone Spring Sands. We will reenter, DO CIBP @ 4370' & 5050', and production test including frac stim the 2nd Bone Spring Sands across the gross interval of 7990' – 8730'. Proposed perf intervals, 7990'-8000', 8075'-85', 8210'-20', 8320'-30', 8590'-8600', 8660'-70', & 8720'-30', then frac stim. Tie into Schlumberger's GR-Sonic log (9/17/62) for correlation & run a GR-CNL-RAL f/PBTD TO 4800'. The Queen perfs f/4425'-4670' will be squeezed.

Reviewed by PT 3/1/13

Chevron has 100% working interest in all the wells in the battery and the royalty owner, the State of New Mexico, Commissioner of Public Lands, has been notified. Please see the attachments for detailed well location and information.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Recommend Approval.

Spud Date: 7/31/62 Rig Release Date: 9/23/62

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Carolyn Haynie TITLE Petro Eng Tech Assistant DATE 2/13/2013

Type or print name Carolyn Haynie E-mail address: chay@chevron.com PHONE: 432-687-7261

For State Use Only

APPROVED BY Jami Bailey TITLE Director DATE 3/1/13
Conditions of Approval (if any):

MAY 20 2013