Form 3160-5 (June 1990)

# **UNITED STATES**

NMOCD

FORM APPROVED

Budget Bureau No. 1004-0135

DEPARTMENT OF THE INTERIOR Expires: March 31, 1993 BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. M M 89805 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals SUBMIT IN TRIPLICATE 7. If Unit or CA, Agreement Designation 1. Type of Well RECEIVED Well JUL 1 1 2005 8. Well Name and No. 2. Name of Operator Big Mac Federal Com. #1 OCO-NATESIA CHI OPERATING, INC. 9 API Well No 30-015-31431 3. Address and Telephone No. P.O. BOX 1799 MIDLAND, TEXAS 79702 10. Field and Pool, or Exploratory Area 4. Location of Well (Footage, T., R., M., or Survey Description) **Revelation Morrow** 11. County or Parish, State 1980' FNL & 1980' FWL, Sec. 11-T22S-R25E Eddy County, NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION RECEIVED Notice of Intent Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing JUN 30 (015) Casing Repair Water Shut-Off Final Abandonment Notice Alterina Casina Conversion to Injection BLM WAOSWELL NA 13. Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinet dates, including estimated date of starting any proposed work. directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)\* Plug & Abandon Start date 8-01-05 See Attached Regulatory Clerk 6/28/2005 Signed Date JUL 0 7 2005 (ORIG. SGD.) ALEXIS C. SWOSODA Conditions of approval, if any: Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

\*See Instructions on Revend Side

### Big Mac Federal Com No. 1 Plug and Abandon Procedure

#### **CURRENT WELLBORE:**

KB

13'

Surf Csg:

@ 361'

13-3/8", 48#, J-55

Int Csg:

@ 2255'

8 5/8", 24#, J-55

Prod Csg.:

@ 11111'

5½"-17# - N-80 - LT&C

DV Collar @

4,772

Float Collar @ 11,063'. Marker Jt. #25 @ 10,052' - 34.78'

Est. TOC: 1st stage: 8,000'

2<sup>nd</sup> stage: 2,000'

Perfs:

Morrow: 10,762-10,772' and 10,634-10,640' CIBP @10735' w/35'cmt;

10634-10640' CIBP @ 10600' w/35' cmt.

Penn: 9785-9791' CIBP @9750' w/35 sx cmt; 9048-9053', 9024-9030',

9007-9020', 8963-8967'

- 1) RU DD PU. Circulate hole w/ mud laden fluid. POOH w/ packer and production tubing.
- 2) Set CIBP at 8950'spot 35' of cement on top to abandon Penn perfs.
- 3) Free point and attempt to cut 5-1/2" casing @ 2000'. POOH lay down casing
- 4) Spot 150' cement plug half-in and half-out @ 2000'. Tag.
- 5) Spot 100' cement plug across 13-3/8" casing shoe @ 640'.
- 6) Spot 50' surface plug
- 7) Cut off well head

Install dry hole marker and reclaim location.

## Chi Operating, Inc. Daily Drilling Report

Big Mac Federal Com. #1
Eddy County, New Mexico
Page 13

DATE:   12/03/02   66	Page 13				
20th - 10th -	<u>DATE:</u> <u>D</u>	AY: <u>Ft/24 HRS:</u>	OPERATIONS:		
W4 65 guage_ring to 10,800* TOH. TIH w/CBP.   Set @ 10,735*. TOH-PU 2 sections of bailer, filled w/cmt, TiH dump cut on plug, TOH     RD WL. TiH w/100 jts tbg, RU Swab. SD.     Oper @ Report Time; Perf, TiH w/pkr.     3"-Made 24 swb runs, swb dwn to 5500*, RD swb.     TOH w/tbg, leave 10 stands for kill string. SD.     Oper @ Report Time; Swab to 7000* - Pull Plug.     4"-TOH w/10 stands(kill stand), RU WL. TiH w/guns     FL @ 5900), Tie in w/ CCL, Perf 10,634*10.640* (4spf 90 deg phased FL on the way out w/guns = 5200*, PU WL set pkr, TiH - FL @ 5120, set pkr @ 10,585* RD WL, PU     On-off, TiH on tbg. On-off tool     315 jis 2.7/8 +BG	12/03/02	56 ·	Oper @ Report Time: Swabbing-TOH w/tbg.		
Set @ 10.735.* TOH-PU2 sections of bailer, filled w/cmt, TH dump cntt on plug. TOH RD WL. TIH w/l00 jts tog. RU Swab. SD. Oper @ Report Time: Perf, TIH w/pkr. 3"-Made 24 swb runs, swb dwn to 5500", RD swb. TOH w/tbg. leave 10 stands for kill string. SD. Oper @ Report Time: Swab to 7000" - Pull Plug. 4"-TOH w/10 stands(kill stand), RU WL, TIH w/guns (FL @ 5900), Tie in w/ CCL, Perf 10.634"-10.640" 4spf 90 deg phased FL on the way out w/guns = 5200", PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585" RD WL, PU on-off, TIH on the go. On-off tool 315 jts 2 7/8 +BG 1-6"x 2 7/8 sub 1-8"x			2 <sup>nd</sup> -TOH w/tbg, LD collars-bit. RU WL. TIH		
W/cmt, THH dump cmt on plug. TOH			w/4.65 guage ring to 10,800' TOH. TIH w/CIBP.		
W/cmt, THH dump cmt on plug. TOH			Set @ 10.735'. TOH-PU 2 sections of bailer, filled		
RD WL. TIH w/100 jts tbg. RU Swab. SD.   Oper @ Report Time; Perf, TIH w/pkr.   3rd. Made 24 swb runs, swb dwn to 5500', RD swb.   TOH w/tbg. leave 10 stands for kill string. SD.   Oper @ Report Time; Swab to 7000' - Pull Plug.   4rd. TOH w/10 stands (kill stand), RU WL., TIH w/guns   (FL @ 5900), Tie in w/ CCL, Perf 10,634'-10,640' 4spf   90 deg phased FL. on the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on tbg. On-off tool   315 jts 2 7/8 +BG					
12/04/02   67   Oper @ Report Time: Perf, TIH w/pkr. 37"-Made 24 swb runs, swb dwn to 5500', RD swb. TOH w/tbg, leave 10 stands for kill string, SD.			· • • • • • • • • • • • • • • • • • • •		
12/05/02   68   TOH w/tbg, leave 10 stands for kill string. SD.	12/04/02	57			
TOH w/tbg, leave 10 stands for kill string. SD.  Oper @ Report Time; Swab to 7000' - Pull Plug.  4th.TOH w/10 stands(kill stand), RUWL, THH w/guns  (FL @ 5900), Tie in w/ CCL, Perf 10.634'-10.640' 4spf  90 deg plased FL on the way out wiguns = 5200', PU WI.  set pkr, TiH - FL @ 5120, set pkr @ 10.585' RD WL, PU  on-off, TiH on thg. On-off tool  315, its 2.7/8 sub  1-8' x 2.7/8 sub  1-8' x 2.7/8 sub  1-12 7/8 tbg  ND BOP, NU Tree, RU Swab, SD.  Oper @ Report Time. Acid job.  5th.Swab. 1th FL @ 4500-made 5 runs, swbd dwn to 7300'. RD  swab. RU slickline. TiH - FL @ 7300', fish prong. TOH FL @ 7000', TIH FL @ 7100, fish plug, TOH FL @ 7100', open  to tank - no flow. RU swab. 1th FL @ 7000', made 4 runs, swbd  dry. SD 1hr, no entry - Shut well in, SD.  12/07/02  70  Oper @ Report Time: Blow dwn, check fluid level.  6th.STIP = 50 PSI. RU Swab FL @ 9600', make 2 swab runs,  swab dry. RU Tree saver, acid, nitrogen crew, pump 1000gal  71/2 'm morrow acid w/12-broke @ 5440 @ 4.7 BM/ Ave. Rate = 4.8 Ave. PSI = 4800 ISIP = 4410, 5min/3970, 10  min/3895, 15min/3848. RD acid crew, Tree saver, open well up  on 18/64 w/3500# - PSI bled off to 0 over 50min - opened well  to 48/64. RU swab - 1/7000-5500-acid water 2/7600-4800-acid  water little gas 3)8500-9800 acid water little gas 1'-2' flare 9/980-SN  scid water little gas 1'-2' flare 9/98N-SN acid  water little gas 1'-2' flare, SD 1hr @ end of ln 6" flare, 10)  10,200-SN Shut well in, SD.  Oper @ Report Time: SITP = 502#  Oper @ Report Time: SITP = 505#  Oper @ Report Time: SITP = 505#  Oper @ Report Time: SITP = 600#  Will set CIBP & test additional Penn @ 9785-9791'.  Oper @ Report Time: SITP = 600#					
12/05/02 68    Oper @ Report Time; Swab to 7000' - Pull Plug.   4 <sup>th</sup> TOH w/10 stands(kill stand), RU WL, TIH w/guns   FL @ 5900), Tie in w/ CCL, Perf 10,640' 4spf   90 deg phased FL on the way out w/guns = 5200', PU WL   set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on the On-off tool     315 jis 2 7/8 +BG					
4th-TOH w/10 stands(kill stand), RU WL, TIH w/guns (FL @ 5900), Tie in w/ CCL, Perf 10,634'-10,640' 4spf 90 deg phased FL on the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on the the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on the the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on the the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 718 sub 1-5'x 2.78' sub 1-5'x 2.79' sub	12/05/02 6	<b>ና</b> ጸ			
(FL @ 5900), Tie in w/ CCL, Perf 10,634'-10,640' 4spf 90 deg plased FL on the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on thg. On-off tool  315 jts 2 7/8 +BG  1-6'x 2 7/8 sub  1-8'x 2 7/8 sub  1-8'x 2 7/8 tbg  ND BOP, NU Tree, RU Swab, SD.  Oper @ Report Time: Acid job.  5'\(^{\text{Swab}}\), 1''' FL @ 4500-made 5 runs, swbd dwn to 7300' RD swab. RU slickline. TIH - FL @ 7300', fish prong. TOH FL @ 7000', TIH FL @ 7100, fish plug. TOH FL @ 7100', open to tank - no flow. RU swab. 1'' FL @ 7000', open to tank - no flow. RU swab. 1'' FL @ 7000', open to tank - no flow. RU swab. 1'' FL @ 9600', made 4 runs, swbd dry. SD lhr, no cntry - Shut well in. SD.  Oper @ Report Time: Blow dwn , check fluid level.  6'\(^{\text{SITP}}\) = 50 PSI. RU Swab FL @ 9600', make 2 swab runs, swab dry. RU Tree saver, acid, nitrogen crew, pump 1000gal 7'/' % morrow acid w/N2-broke @ 5440 @ 4.7 BM  Ave. Rate = 4.8 Ave. PSI = 4800 ISIP = 4410, 5min/3970, 10 min/3895, 15min/3848. RD acid crew, Tree saver, open well up on 18/64 w/3500# - PSI bled off to 0 over 50min - opened well to 48/64. RU swab - 1)7000-8500-acid water 2)7600-8800-acid water little gas 3)8500-9800 acid water little gas 1'-2' flare SD lhr @ end of hr 6'' flare, 10) 10,200-SN acid water little gas 1'-2' flare, SD lhr @ end of hr 6'' flare, 10) 10,200-SN. Shut well in, SD.  Oper @ Report Time: SITP = 525# Oper @ Report Time: SITP = 500# Will set CIBP & test additional Penn @ 9785-9791'. Oper @ Report Time; CIPP acpair 1g, TOH w/pkr.	12.05.02				
90 deg phased FL on the way out w/guns = 5200', PU WL set pkr, TIH - FL @ 5120, set pkr @ 10,585' RD WL, PU on-off, TIH on the On-off tool  315 jts 2 7/8 +BG 1-6'x 2 7/8 sub 1-8'x 2 7/8 sub 1-8'x 2 7/8 sub 1-8'x 2 7/8 sub 1-8' X 2 7/8 sub 1-8'					
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on-off, TIH on the con-off tool  315 jts 2 7/8 +BG  1-6'x 2 7/8 sub  1-8'x 2 7/8 sub  1-1x 2 7					
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ND BOP, NU Tree, RU Swab, SD.   Oper @ Report Time: Acid job.   St. Swab.   F. FL. @ 4500-made 5 runs, swbd dwn to 7300'. RD swab. RU slicklinc. TIH - FL. @ 7300', fish prong. TOH FL. @ 7000', TIH FL. @ 7100, fish plug. TOH FL. @ 7100', open to tank - no flow. RU swab.   FL. @ 7000', made 4 runs, swbd dry. SD lhr, no cntry - Shut well in. SD.   Oper @ Report Time: Blow dwn, check fluid level.   6th. SITP = 50 PSI. RU Swab FL. @ 9600', make 2 swab runs, swab dry. RU Tree saver, acid, nitrogen crew, pump 1000gal   7½ % morrow acid w/N2-broke @ 5440 @ 4.7 BM   Ave. Rate = 4.8 Ave. PSI = 4800 ISIP = 4410, 5min/3970, 10   min/3895, 15min/3848. RD acid crew, Tree saver, open well up on 18/64 w/3500# - PSI bled off to 0 over 50min - opened well to 48/64. RU swab - 1)7000-8500-acid water 2)7600-8800-acid water little gas 3)8500-9800 acid water little gas 4)9000-SN acid water little gas 7)10,000-SN acid water little gas 1'-2' flare 9)SN-SN acid water little gas 1'-2' flare 9)SN-SN acid water little gas 1'-2' flare 9)SN-SN acid water little gas 1'-2' flare, SD 1hr @ end of hr 6" flare, 10)   10,200-SN. Shut well in, SD.   Oper @ Report Time: SITP = 525#   Oper @ Report Time: SITP = 525#   Oper @ Report Time: SITP = 500#   Oper @ Report Time: SITP = 600#   Oper @ Report Time: SITP = 600					
12/06/02 69  Oper @ Report Time: Acid job.  5th-Swab. 1th FL @ 4500-made 5 runs, swbd dwn to 7300'. RD swab. RU slickline. TIH - FL @ 7300', fish prong. TOH FL @ 7000', TIH FL @ 7100, fish plug. TOH FL @ 7000', open to tank - no flow. RU swab. 1th EL @ 7000', made 4 runs, swbd dry. SD 1hr, no entry - Shut well in. SD.  12/07/02 70  Oper @ Report Time: Blow dwn, check fluid level.  6th-SiTP = 50 PSI. RU Swab FL @ 9600', make 2 swab runs, swab dry. RU Tree saver, acid, nitrogen crew, pump 1000gal 7½ % morrow acid w/N2-broke @ 5440 @ 4.7 BM  Ave. Rate = 4.8 Ave. PSI = 4800 ISIP = 4410, 5min/3970, 10 min/3895, 15min/3848. RD acid crew, Tree saver, open well up on 18/64 w/3500# - PSI bled off to 0 over 50min - opened well to 48/64. RU swab - 1)7000-8500-acid water 2)7600-8800-acid water little gas 3)8500-9800 acid water little gas 3' flare 6)9600-SN acid water little gas 5)9500-SN acid water little gas 3' flare 6)9600-SN acid water little gas 1'-2' flare 8)10,200-SN acid water little gas 1'-2' flare 9)SN-SN acid water little gas 1'-2' flare, SD 1hr @ end of hr 6" flare, 10) 10,200-SN. Shut well in, SD.  12/08/02 Oper @ Report Time: SITP = 525# Oper @ Report Time: SITP = 600# Will set CIBP & test additional Penn @ 9785-9791'. Oper @ Report Time: Repair ring, TOH w/pkr.					
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swab. RU slickline. TTH - FL @ 7300', fish prong. TOH FL @ 7000', TTH FL @ 7100, fish plug. TOH FL @ 7100', open to tank - no flow. RU swab. 1" FL @ 7000', made 4 runs, swbd dry. SD lhr, no entry - Shut well in. SD.  12/07/02 70 Oper @ Report Time: Blow dwn, check fluid level. 6"-STTP = 50 PSI. RU Swab FL @ 9600', make 2 swab runs, swab dry. RU Tree saver, acid, nitrogen crew, pump 1000gal 7½ % morrow acid w/N2-broke @ 5440 @ 4.7 BM  Ave. Rate = 4.8 Ave. PSI = 4800 ISIP = 4410, 5min/3970, 10 min/3895, 15min/3848. RD acid crew, Tree saver, open well up on 18/64 w/3500# - PSI bled off to 0 over 50min - opened well to 48/64. RU swab - 1)7000-8500-acid water 2)7600-8800-acid water little gas 3)8500-9800 acid water little gas 4)9000-SN acid water little gas 5)9500-SN acid water little gas 3' flare 6)9600-SN acid water little gas 1'-2' flare 9)SN-SN acid water little gas 5TTP = 525#  Oper @ Report Time: SITP = 525#  Oper @ Report Time: SITP = 600#  Will set CIBP & test additional Penn @ 9785-9791'.  Oper @ Report Time: Repair rig, TOH w/pkr.	12/00/02	33			
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	12/10/02	71			
7 "SLLE " DOWN, DICU DWILLDE, MERCLINE, SIZELINE DE DICE			Of CITD = 600# Plad dwn the west also start and of hele had		
			- 7 "SLLE - 000#, DICULLWILLDE, MINGLISKE, SIZILLIBILLIE III DESE DAD		
head gasket. SD.			bad pkr drag from 10,200-9950'. Got out w/40 stands, PU blew		

## Chi Operating, Inc. Daily Drilling Report

# Big Mac Federal Com. #1 Eddy County, New Mexico

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Page 14				
DATE:	<u>DAY:</u>	Ft/24 HRS:	OPERATIONS:	
12/11/02			Oper @ Report Time; SD for PU repair.	
12/12/02			Oper @ Report Time; SD for PU repair.	
12/13/02	72		Oper @ Report Time: Perf.	
			12th-TOH w/tbg, LD pkr, had rubber stuck behind slips. RUWL.	
			PU 5½ CIBP, TIH. Set @ 10600'. TOH-PU cmt bailer, cmt,	
			TIH. Dump 35' cmt on top of plug.	
12/14/02	73		Oper @ Report Time: Swab.	
			13th-RUWL w/Grease head & lub. TIH w/guns. Tie in w/CCl.	
			Perf 9785-9791' 4spf 90 deg Ph. Slight blow (FL @ 1300) TOH,	
			RD WL, PU the set 2 7/8 x 5 1/2 10K pkr w/1.87 "F" nip. TIH	
			w/293 jts. Set pkr @ 9721.35'. Load An., tst to 1500# - all OK.	
			ND BOP, NU Tree, RU swab. 1st FL @ 200', made 7 runs got	
			fluid dwn to 7400 - left open to pit. All fluid was dirty H2O - no	
			gas.	
12/15/02	74		Oper @ Report Time: SD	
12,10,02	, ,		14th-Swab-1* FL @ 7100, made 5 runs, swbd dry, all H2O	
			(dirty), SD 1 hr, no fluid entry, no gas.	
12/16/02			Oper @ Report Time: Swbg	
12/17/02	75		Oper @ Report Time: TOH	
			16th-Swab. No psi, no gas, had 150' of H2O in hole. SD.	
12/18/02	<del>76</del>		Oper @ Report Time: TOH w/tbg, pkr.	
			17th-ND Tree, NU BOP. Pump 40 bbls 2% KCL dwn tbg - went	
			on vacuum, attempt to unset pkr, still unbalanced, "I" off, let	
			balance, "I" back on, unset pkr. Start out of hole. Got out w/12	
			stands, had to shut dwn due to high winds.	
12/19/02	77		Oper @ Report Time: Continue in hole w/pkr, Swab.	
			18th-TOH w/tbg, pkr-send in for redress. RU WL. TIH w/51/2"	
			CIBP, tie in & set @ 9750' (FL @ 1650). PU guns. Till tie in &	
			shoot 9048-9053'(slight suction), Pull up, shoot 9024-9030' (no	
			suck or blow). TOH, FL @1650. PU guns-TIH tie in & shoot	
			9007-9020'(slight suction). TOH-FL @ 1650. PU guns- TIH tie	
			in & shoot 8963-8967'-no suck or blow. TOH, FL @ 1650.RD	
	٠		WL. LD 28 jts tbg, PU pkr, start in hole get 42 stands in.	
12/20/02	78	•	Oper @ Report Time: Swab.	
			19th-SITP = 10psi. Continue in hole w/pkr, set w/267 jts tbg,	
			w/15 pts on pkr. RU Swab, 1st FL @ 700'. Made 19 runs, last FL	
			@ 5500', Swbd 156 B/W, little gas in run. Will RD and AFE to	
			plug & abandon.	
12/23/02	79		Oper @ Report Time: Shut in.	
			20th-RU Swab. 1st FL @ 5500'. Made 8 runs, swbd out 51 B/W.	
			Last FL @ 7100, all dirty H20, RD PU, released all rental equip.	