

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
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 July 18, 2013

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.)		WELL API NO. 30-025-34982
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> SWD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator GMT Exploration Company		6. State Oil & Gas Lease No. B-1040-14
3. Address of Operator 1560 Broadway Suite 200, Denver, CO 80222		7. Lease Name or Unit Agreement Name Tin Cup 25 State
4. Well Location Unit Letter <u>M</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>25</u> Township <u>22S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3426' GR		9. OGRID Number 206511
		10. Pool name or Wildcat Delaware SWD; BELCANYON - CHERRY CANYON

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

GMT will re-enter the TinCup disposal well to perform remedial work. During recent operations intended only to clean up the approved operating perforated interval, additional perforations were erroneously applied. These perforations were above the allowable depths specified in our COA and thus must be isolated from the injection interval. A procedure is attached detailing GMT's plans as well as the associated pressure test to ensure the well can be returned to production in its original approved configuration.

Spud Date: Condition of Approval: notify
OCD Hobbs office 24 hours Rig Release Date: SWD-1587

prior of running MIT Test & Chart

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

SIGNATURE [Signature] TITLE Petrotech DATE 4/6/17

Type or print name Marissa Walters E-mail address: mwalters@gmtexploration.com PHONE: 303.586.9275

For State Use Only

APPROVED BY: Marky Brown TITLE AO/II DATE 4/6/2017
Conditions of Approval (if any):

Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

Per Underground Injection Control Program Manual
11.6 C Packer shall be set within or less than 100
feet of the uppermost injection perms or open hole.



**Pull Injection Packer,
Squeeze 5955-6065,
test, drill out and run
Injection Packer to 6080'**

Tin Cup 25 State #1

Pull Packer, Squeeze & Return to Injection

Well Information (API No. 30-25-34982)

Procedure Date: 4-4-17

Lease & Well No.	Field	Working Interest	AFE No.	
Tin Cup 25 State #1	Antelope Ridge Atoka Gas	100%	TBA	
Drilled	TD	PBD	GL	RKB
2000	12,600'	P&A - 2002	3921'	18' (Est)
Legal	S - T - R	County	State	
660' FSL & 660' FWL	25 - T22S - R34E	Lea	New Mexico	
Prepared By	Date		Date	
R. Ginanni	4-4-17			

Wellbore Data: (See attached WB Schematic)

Tubing Detail:

0.45 2.875" WL Re Entry

7.89 2.875 x 5.5 Baker Hornet Nickle Plated Double Grip Packer in 10K TENSION

1.83 L10 On Off Tool w/ 2.25 "F" Nipple

5871.52 180 Jts 2.875 6.5# J55 8R EUE IPC 101 Tbg

5881.69 Total Equipment

18.00 BKB for 10K TENSION

5899.69 FHD (EOT)

Scope of Work:

Pull packer. Verify communication between compliant and non compliant perforations. Establish injectivity proof into non compliant perforations and cement squeeze these perforations via bradenhead plug method. Drill out and test to 500 psi. Return well to injection.

PROCEDURE

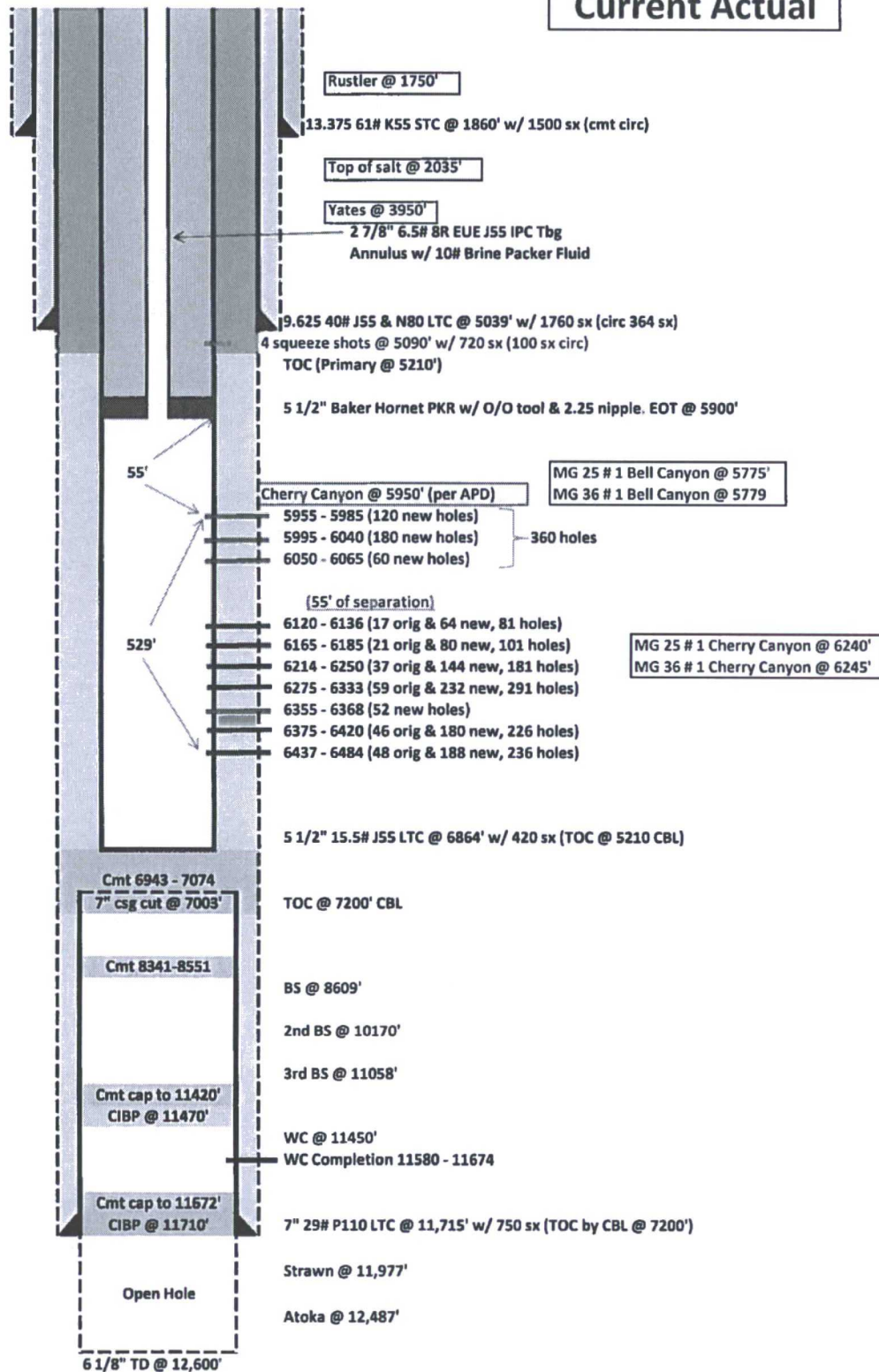
1. Ensure appropriate filings are made with NMOCD for this task.
2. MIRU PU – Notify NMOCD of intent to work on well – George Bower @ 575-399-2990
3. Pressure test the 2 7/8" x 5 1/2" annulus to 550 psi for 30 min. Annulus has squeeze perforations @ 5090' – do not over pressure these perfs but do prove this integrity now.
4. Kill well with 50 bbls 10# Brine. NU BOP and Containment Pan – Packer is in 10K TENSION
5. Release Baker Hornet Packer @ 5900'. Well has 10 ppg Packer Fluid on backside.
6. GIH with 7 additional jts and reset packer @ 6100', set between 6065 – 6120' – Note: keep track of non coated coupling on the top jt of IPC Tbg.
7. Fill the annulus with Brine. Pump brine water down tbg at maximum 500 psi to observe if communicated with annulus (up) – do not force this to occur, just verify if it will happen. Do this at low rate. This should occur rapidly if the well is full.
8. If no communication (up) is observed then apply pressure to annulus up to 500 psi. Observe leak off if any or if a small injection rate can be established into non compliant perfs 5955 – 6065. Fluid entry below 500 psi must be obtained before proceeding.
9. POH and standback PCID tbg with pin protectors. Evaluate packer condition for re-dress requirement.
10. If there was no communication, continue with step 11. If there was jump to step 24
11. Set WL Composite BP @ 6100' – correlate to Tin Cup CBL Log date 22 Aug 2016
12. GIH with open end 2 7/8 Work String to 6070'
13. Circulate hole with brine water – balance the well. If brine water is too heavy displace with FW – well must be balanced.
14. Assuming the well holds 500 psi, mix and balance (spot) 60 sx Class C Neat @ 14.8 ppg 1.33 yd (14.2 bbls) from 5412' – 6070' (658') using .02156 bpf as spot capacity, flush to balance with 31.3 bbls
15. Pull 14 stands slow, approximately 882' of pipe. EOT @ 5188' now. Expect 2.05 bbls of fillup for this footage of 2 7/8" (.002330 bpf) assuming plug has sagged to 5474' (596' plug inside csg)
16. After pipe displacement, expect to have 481' of cement above the top perforation to work with or 11.4 bbls
17. Hesitate squeeze, and I mean hesitate 10 bbls of this slurry leaving 1.4 bbls of cement above the top perforation @ 5955'. Stay below 500 psi with this effort. Do this pumping activity down the annulus of the tbg.
18. Tbg will be clean – do not bleed off pressure, leave the well shut in overnight with the final pressure number you achieve – no leaks on surface

19. Check for pressure in morning, fill well with measured volume – this will tell you where the plug is – call in results before go forward.
20. Run 4 3/4" bit on 2 7/8 tbg only and drill out the cement conventional – not reverse, apply no pressure to well yet. After cement drilled out apply 550 psi and chart test for 30 mins.
21. Can lose only 55 psi (10%) in 30 mins. If a 550 psi test cannot be achieved, will discuss options for 2nd sqz.
22. If good test, drill out the CBP conventional and push to 6500'. Circulate BU with brine and POH LD WS.
23. GIH with redressed injection packer on PCID TBG using Stabbing Cup, set packer @ 6080' and no shallower – space out with PCID pup joints if needed.
24. Displace well with 10 # Brine water Packer Fluid and NU Injection equipment. Test casing 550 psi for 30 mins
25. Schedule MIT test with NMOCD to witness a charted test on a 1000 psi chart. His presence and signature on this test is mandatory. Monahans NU can do this test.
26. RD Equipment.
27. If communication is established between 6065 – 6120 a recommendation for an expandable liner will be required to secure perforations 5955 – 6065'. Procedure to follow.

GMT Exploration
 Tin Cup 25 State # 1 SWD
 Lea County NM
 API 30-25-34982

4/4/2017

Current Actual



GMT Exploration
 Tin Cup 25 State # 1 SWD
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4/4/2017

Proposed Squeezed

