

Santa Fe Main Office

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General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

<https://www.emnrd.nm.gov/ocd/contact-us/>State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-20829
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name VACUUM GLORIETA EAST UNIT
8. Well Number 003
9. OGRID Number 331199
10. Pool name or Wildcat [62160] VACUUM; GLORIETA

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 ☐ Injection	
2. Name of Operator Maverick Permian LLC	
3. Address of Operator 1000 Main Street Ste 2900 Houston, TX 77002	
4. Well Location Unit Letter O : 460 feet from the South line and 1980 feet from the East line Section 29 17S Township 35E Range NMPM County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

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.

Maverick Permian LLC is submitting the attached plan to repair an injection well that failed it's MIT.

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

Spud Date:

Rig Release Date:

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

SIGNATURE _____ TITLE **Regulatory Lead** DATE **7/30/2024**

Type or print name **Nicole Lee** E-mail address: **nicole.lee@mavresources.com** PHONE: **7/30/2024**

For State Use Only

APPROVED BY: **Kerry Fortner** TITLE **Compliance Officer A** DATE **7/31/24**

Conditions of Approval (if any).



1111 Bagby Street • Suite 1600
Houston • Texas • 77002
713-437-8000

VGEU 05-03 Procedure

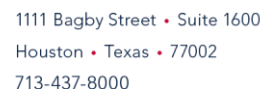
Objective:

Repair mechanical integrity after failed MIT.

Notes:

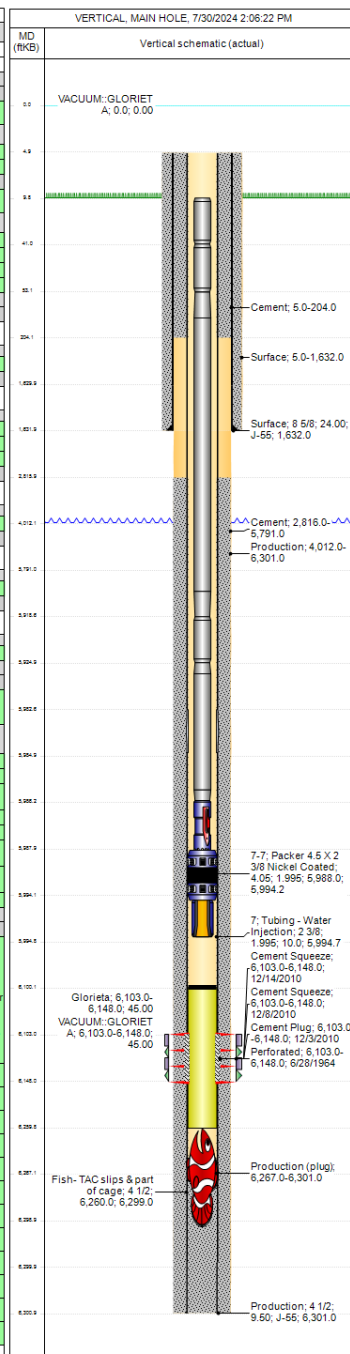
Procedure:

1. MIRU WOR & equipment.
2. Kill well with 10# brine.
3. ND Wellhead. NU BOP.
4. Set plug in profile nipple and test tubing to 500 psi. Bleed off tubing. Test backside to 500 psi. If packer is found to be leaking, pick up one JT and try resetting and testing backside. If still no good test, TOO H with packer, redress the packer and RBIH. Reset packer and test the backside to 500 psi.
5. Release on/off tool. Circulate packer fluid around annulus and re-stab on/off tool.
6. Retrieve plug from profile.
7. Clean up location.
8. RDMO WOR & eqpt.
9. Turn well over to production personnel.



MAVERICK
NATURAL RESOURCES

Wellbore Sections													
Section Data		Size (in)	Act Top (ft/s)	Act Top (TVD) (ft/s)	Act Btm (ft/s)	Act Btm (TVD) (ft/s)	Start Date	End Date					
Main Hole		11	5.0		1,532.0								
Main Hole		7.78	1,532.0		6,301.0								
Casing Strings													
Casing String: Surface 5 5/8" Set Depth: 1,632.0													
Casing Description	Run Date	CO (in)	ID (in)	OD Nom (in)	ID (in)	ID Nom (in)	WT (lb/ft)	String Grade	Length (ft)	Top (ft/s)	Set Depth	Set Depth (TVD) (ft/s)	Set Depth (TVD) (ft/s)
Surface		5 5/8	5.097	24.00	J-55	8.097	24.00	J-55	1,632.00	5.0			
Item Desc	Grade	CO (in)	ID (in)	OD (in)	WT (lb/ft)	Grade	Len (ft)	Qty	Top (ft/s)	Btm (ft/s)			
Casing Joints	0	5 5/8	5.097	24.00	J-55		1,625.00		5.0	1,630.0			
Floor Shoe	0	5 5/8					2.00		1,630.0	1,632.0			
Casing String: Production 4 1/2" Set Depth: 6,301.0													
Casing Description	Run Date	CO (in)	ID (in)	OD Nom (in)	ID (in)	ID Nom (in)	WT (lb/ft)	String Grade	Length (ft)	Top (ft/s)	Set Depth	Set Depth (TVD) (ft/s)	Set Depth (TVD) (ft/s)
Production		4 1/2	4.12	4.09	4	4.09	9.50	J-55	6,295.95	5.0			
Item Desc	Grade	CO (in)	ID (in)	OD (in)	WT (lb/ft)	Grade	Len (ft)	Qty	Top (ft/s)	Btm (ft/s)			
Casing Joints	0	4 1/2	4.09	9.50	J-55		5,977.50	189	5.0	5,982.5			
DV Tool	0	4 1/2	4				2.20	1	5,984.7	5,984.7			
Casing Joints	0	4 1/2	4.09	9.50	J-55		315.00	9	5,984.7	6,299.7			
Floor Shoe	0	4 1/2					1.25	1	6,299.7	6,301.0			
Cement													
Surface													
Cementing Start Date				Cementing End Date				String Surface, 1,632.00ft/s					
Slip #	Pump Start Date	Pump End Date	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)							
1				5.0	1,632.0								
Production													
Cementing Start Date				Cementing End Date				String Production, 6,301.00ft/s					
Slip #	Pump Start Date	Pump End Date	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)							
1			4,012.0	6,301.0									
2			2,816.0	5,791.0									
3			5.0	204.0									
Cement Squeeze													
Cementing Start Date				Cementing End Date				String Production, 6,301.00ft/s					
Slip #	Pump Start Date	Pump End Date	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)							
1	12/3/2010	12/3/2010	6,103.0	6,148.0									
Cement Squeeze													
Cementing Start Date				Cementing End Date				String Production, 6,301.00ft/s					
Slip #	Pump Start Date	Pump End Date	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)							
1	12/6/2010	12/6/2010	6,103.0	6,148.0									
Cement Squeeze													
Cementing Start Date				Cementing End Date				String Production, 6,301.00ft/s					
Slip #	Pump Start Date	Pump End Date	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)							
1	12/14/2010	12/14/2010	6,103.0	6,148.0									
Tubing Strings													
Set Depth: 5,994.7													
Item Desc	Shing	String Size	CO (in)	ID (in)	OD Nom (in)	WT (lb/ft)	String Grade	Length (ft)	Set Depth	Set Depth (TVD) (ft/s)	Set Depth (TVD) (ft/s)	Set Depth (TVD) (ft/s)	Set Depth (TVD) (ft/s)
TEST-LOG-PROFILE, 8/26/2013 08:00		2 3/8	2.052	2.00	1.995	4.70	J-55	10.0					5,984.68
Item Desc	Len (ft)	CO (in)	ID (in)	OD (in)	WT (lb/ft)	Grade	Tally Len (ft)	Top (ft/s)	Btm (ft/s)	Top (TVD) (ft/s)	Btm (TVD) (ft/s)		
Tubing - TK 99 IPC	30.86	2 3/8	2.00	4.70	J-55	0		10.0	40.9				
Tubing - TK 99 IPC - Subs	12.30	2 3/8	2.00	4.70	J-55	0		40.9	53.2				
Tubing - TK 99 IPC	5,885.53	2 3/8	2.00	4.70	J-55	0		53.2	5,918.7				
Tubing-TK-99 marker sub	6.15	2 3/8	2.00	4.70	J-55	0		5,918.7	5,924.8				
Tubing-TK-99 IPC	613.24	2 3/8	2.00	4.70	J-55	0		5,924.8	5,986.2				
On-Off Tool W/1.875 XN Profile Nipple	1.83	2 3/8				0		5,986.2	5,988.0				
Hacker 4.5 X 2 3/8 Nickel Coated	6.15	4.062	2.00			0		5,988.0	5,994.2				
Wireline Guide	0.52	3				0		5,994.2	5,994.7				
Rod Strings													
Set Depth: 6,213.0													
Rod Description	Set De	Run Date	Run Job	CO (in)	WT (lb/ft)	String Gr	Top (ft)	Set De	Set De	String Components	Top Depth (ft/s)	Bottom Depth (ft/s)	Bottom Depth (ft/s)
Rod	6,213.0	6/28/2010	REPAIR DOWNHOLE FAILURE, 6/25/2010 07:00	0.98	10.0	-8.0				Gas Anchor, Dip Tube, Rod Insert Pump, Seal Tool - 26K, Stabilizer, Sinker Bar, Stabilizer, Sinker Bar, Stabilizer, Sucker Rod, Sucker Rod Guided, Fiberglass Sucker Rod, Fiberglass Sucker Rod Subs, Fiberglass Sucker Rod, Fiberglass Sucker Rod, Polished Rod	18.0	18.0	18.0
Length (ft)	5.00	CO Nominal (in)	Quantity	ID (in)	Weight Length (lb/ft)	Grade				Top Depth (ft/s)	Bottom Depth (ft/s)	Bottom Depth (ft/s)	Bottom Depth (ft/s)
Length (ft)	6.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				18.0	24.0	24.0	24.0
Length (ft)	9.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				24.0	33.0	33.0	33.0
Length (ft)	18.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				33.0	51.0	51.0	51.0
Length (ft)	150.00	CO Nominal (in)	108	ID (in)	Weight Length (lb/ft)	Grade				51.0	4,101.0	4,101.0	4,101.0
Length (ft)	375.00	CO Nominal (in)	15	ID (in)	Weight Length (lb/ft)	Grade				4,101.0	4,476.0	4,476.0	4,476.0
Length (ft)	1,100.00	CO Nominal (in)	44	ID (in)	Weight Length (lb/ft)	Grade				4,476.0	5,576.0	5,576.0	5,576.0
Length (ft)	2.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				5,576.0	5,578.0	5,578.0	5,578.0
Length (ft)	550.00	CO Nominal (in)	22	ID (in)	Weight Length (lb/ft)	Grade				5,578.0	6,128.0	6,128.0	6,128.0
Length (ft)	2.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				6,128.0	6,130.0	6,130.0	6,130.0
Length (ft)	50.00	CO Nominal (in)	2	ID (in)	Weight Length (lb/ft)	Grade				6,130.0	6,180.0	6,180.0	6,180.0
Length (ft)	2.00	CO Nominal (in)	1	ID (in)	Weight Length (lb/ft)	Grade				6,180.0	6,182.0	6,182.0	6,182.0





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

CONDITIONS

Action 368614

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 368614
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Run PWOT MIT/BHT	7/31/2024