

Santa Fe Main Office  
Phone: (505) 476-3441  
General Information  
Phone: (505) 629-6116

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

Online Phone Directory Visit:  
<https://www.emnrd.nm.gov/ocd/contact-us/>

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		WELL API NO. 30-025-35529
2. Name of Operator Maverick Permian LLC		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator 1000 Main Street Ste 2900 Houston, TX 77002		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>O</u> : <u>990</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>31</u> <u>17S</u> Township <u>34E</u> Range <u>NMPM</u> County		7. Lease Name or Unit Agreement Name Gach 31 State
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4083		8. Well Number <u>001</u>
		9. OGRID Number <u>331199</u>
		10. Pool name or Wildcat

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input checked="" type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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 is submitting subsequent paperwork due to a failed TA from 3/24/2025-4/9/2025.

Post workover report attached

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 Nicole Lee TITLE Regulatory Lead DATE 4/16/2025

Type or print name Nicole Lee E-mail address: nicole.lee@mavresources.com PHONE: 713-437-8097  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_



## GACH 31 STATE 01 Regulatory

Well Header				
API # 3002535529	State Drilling Permit #	Project CAPROCK	Region RG_SE_NEW_MEXICO	Area A_GEMSTONE_CAPROCK
Well Sub-Status PERMIAN-SE NEW MEXICO	Well Type Development	Well Status PRODUCING	Well Lift Type N	Well Configuration Type VERTICAL
Spud Date 8/4/2001	KB Elevation (ft) 4,101.50	Ground Elevation (ft) 4,083.00	KB-Ground Distance (ft) 18.50	Total Depth (ftKB) 13,595.0

Daily Operations			
Rpt #	Start Date	End Date	Summary
1	3/24/2025	3/24/2025	Stealth Energy Services coil tbg truck, crane and pump truck AOL, held PJSM. Vacuum truck tied on to Stealth Energy pump truck, pump truck pumped 10 bbls bw down 1.50" coil "velocity" string, tbg went on slight vacuum. Pump truck pumped 15 bbls bw down 2 7/8" tbg, tbg went on slight vacuum. ND 1.50" production tbg flange,, NU coil tbg bop stack and injector head, position 1.50" coil tbg to weld to 1.50" velocity string. Filled out hot work permit (Maverick Safety consultant on location, filled out hot work permit). Welded 1.50" coiled velocity string to 1.50" coil tbg attached to spool. Hot work job completed and closed out. POOH w/13,084' of 1.50" coil velocity string to spool. Secured well and SDFN.
2	3/25/2025	3/25/2025	Stealth Energy Services crew broke down and loaded injector head, bop unit and hydraulic access window, cleaned location and move off location. Last report for coil tbg job. AOL X TGSM X MIRUSU X OFFLOAD RACKS AND CATWALK X ORDER 10K SPOOL X SDON
3	3/26/2025	3/26/2025	AOL X TGSM X TBG 0 PSI, CSG 300 PSI X RUWL X RIH AND PERF TBG @ 12,500' X TBG 300 PSI X RDWL X RU PUMP TRUCK X PUMP 80 BBLS 9.7# BW 2 BPM @ 550 PSI X SD PUMP, TBG ON SLIGHT VAC X CSG BLOWING OIL FROM NEEDLE VALVE, WOULD NOT BLEED DOWN X GAUGE IN CSG READ 140 PSI X SPOT IN FLOWBACK TANK X OPEN CSG TO TANK, NO BLOW X ADD 2 NEW 2" HP VALVES X TRY TO PUMP DOWN CSG, NO LUCK, JUST PRESSURES UP ON VALVE X STEM FROZE UP ON VALVES X DECISION MADE TO TAP GATE VALVE DUE TO POSSIBLE TRAPPED PRESSURE X SDON
4	3/27/2025	3/27/2025	AOL X TGSM X MIRU CUDD X HOT TAP OLD VR VALVE AND CEMENT INSIDE CSG VALVE X CSG HAD 850 PSI, TBG 0 PSI X RD CUDD X MIRU REVERSE UNIT X FLOW BACK CSG TO GAS BUSTER X FLOW BACK 330 BBLS TOTAL FLUID X 112 BBLS OIL, BALANCE WATER X AT 230 BBLS TBG ON STRONG VACUUM, TRYING TO BALANCE WITH CSG X CSG CONT TO BLEED DN X PIT FULL X SHUT CSG IN @ 90 PSI X SDON
5	3/28/2025	3/28/2025	AOL X TGSM X TBG 0 PSI, CSG 400 PSI X OPEN CSG TO GAS BUSTER X WELL FLOWING 4.2 BPM @ 90 PSI ON FULL OPEN CHOKE X GAS BUSTER FILLED UP IN ONE HOUR X SI WELL X DISCUSS WELL WITH DHTL AND ENG LEAD X DEC MADE TO PLUMB WELL IN TO FRAC TANKS TO FB ALL WEEKEND X ORDER TWO 500 BBL FRAC X WAIT ON DELIVERY X SPOT AND PLUMB IN TANKS TO CHOKE MANIFOLD X OPEN WELL UP X START FLOWING BACK, SET CHOKE TO 80 BBLS AN HOUR @ 300 PSI X MET WITH PRODUCTION TEAM X TURN WELL OVER FOR WEEKEND X SDFW
6	3/29/2025	3/29/2025	MCNABB AND AOS HAULING FLOW BACK
7	3/30/2025	3/30/2025	MCNABB AND AOS HAULING FLOWBACK
8	3/31/2025	3/31/2025	AOL X TGSM X TBG 0 PSI, CSG 380 PSI X WELL FLOWING BACK ON CHOKE @ 50 BPH X SHUT WELL IN X MONITOR PRESSURES, CSG @ 400 PSI X FLUID WEIGHT FLOWING BACK 8.6 PPG X BRINE WEIGHT 9.2 PPG X PUMP 60 BBLS DN TBG @ 3 BPM 700 PSI, CSG PRESSURE ONLY CLIMBED TO 450 PSI X SD PUMPS, TBG SLIGHT VAC X OPEN CSG FULL CHOKE, TBG ON HARD VAC X TBG STABILIZED X DISCUSS WITH ENG TEAM X DEC MADE TO RUN LOGS TO DETERMINE CSG LEAK DEPTH X RU RENEGADE X RIH WITH TEMP TOOL TO 13,100' X HARD TEMP BREAK @ 4768' X LOGGED DN AND HAD ANOTHER TEMP BREAK BETWEEN 9500 AND 11,200 (LINER TOP INTERVAL) X PULL UP HOLE AND OPEN WELL TO FB TANK TO CROSS TEMP LOG X STILL LOGGING WELL @ TIME OF REPORT
9	4/1/2025	4/1/2025	AOL X CHECK CSG 450 PSI X TRUCKS EMPTYING FRAC TANKS FROM FLOWBACK X ORDER MUD X DISCUSS PLAN FORWARD WITH DH TEAM



## GACH 31 STATE 01

### Regulatory

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Daily Operations			
Rpt #	Start Date	End Date	Summary
10	4/2/2025	4/2/2025	AOL X TGSM X TBG 0 PSI, CSG 450 PSI X MIRU WL X RUN SPL DN TO 6000' ON PREVIEW X DID NOT SEE ANY BRIDGING FROM SURFACE TO 6000' X DISCUSS WITH DH TEAM X DEC MADE TO TOP KILL CSG USING EXISTING PERF IN TBG X RDWL X MI VAC TRUCKS X MUD WEIGHT 13 PPG X PUMP 80 BBLS @ DN CSG 1.5 BPM X HAD 80 PSI BUILD ON TBG LAST 10 BBLS X MUD DN TO 2650' BY VOLUME CALC X CSG ON VAC X MONITOR CSG, NO BLOW BACK X NDWH, NUBOP AND ANNULAR X RU FLOOR X WORK TO RELEASE ON/OFF TOOL, NO LUCK X HUDSON PKR HAND MADE SEVERAL ATTEMPTS, NO LUCK X CAN FEEL BUMP IN ON/OFF TOOL BUT WOULD NOT PULL FREE X DEC MADE TO CUT TBG OFF PKR X TRY TO CIRCULATE MUD OUT OF CSG, NO LUCK X PUMPING 3 BPM 900 PSI (135 BBLS TOTAL) X CSG HAD SLIGHT BLOW AND STOPPED X PUMP PRESSURES AND RATES STEADY X SD PUMP, TBG STAYED 250 PSI (PUMPING INTO CSG LEAK/FORMATION, POSSIBLE EXCEEDING GRADIENT) X LOCK BOP, SECURE WELL X SDON
11	4/3/2025	4/3/2025	AOL X TGSM X TBG 280 PSI, CSG 0 PSI X BLED DN TBG, HAD .5 BPM FLOW WITH 9.4 PPG FLUID X PUMP 15 BBLS 13# DN TBG, TBG DEAD X MIRU WL X RIH AND FREE POINT TBG @ 13,040', 100% FREE (ONE NOTE IN WELLVIEW SHOWS CHECK VALVE ASSEMBLY @ 13,083 WITH CTU NECK ABOVE) X TOH WITH FREE POINT TOOL X RIH WITH SPECTRA CUTTER, COULD NOT GET PAST 13,060 (CTU CHECK VALVE ASSEMBLY) X PU AND CUT TBG @ 13,040' X CUTTER STUCK AFTER FIRING X WORK STUCK JET CUTTER 1.25 HRS, NO LUCK X PULL WIRELINE CLEAN FROM CABLEHEAD X TOH WITH WL X WORK TO PULL TBG FREE, NO LUCK, DID NOT CUT CLEAN, TRIED TO WORK TBG WITH TONGS, NO LUCK, GETTING ALL TURNS BACK X DEC MADE TO BACKOFF TBG X WAIT ON WIRELINE TO BRING TOOLS TO BACKOFF X RU WL SWIVEL AND RIH TO 11,000', COLLAR LOCATOR ON TOOL STRING STOPPED WORKING X TOH WITH WL, REHEAD WL, RETEST CCL (GOOD) X RIH TO 13000', GET ON DEPTH TO BACK OFF X WL SWIVEL SEIZED UP, WOULD NOT ROTATE BACK OFF TBG, WORKED ON SWIVEL, NO LUCK X RENEGADE TOLD RD FROM WELL X JSI WL LINED UP TO BACK OFF TBG IN THE MORNING X SECURE WELL X SDON
12	4/4/2025	4/4/2025	AOL X TGSM X TBG 30 PSI, CSG HAD BLOW BUT NO FLUID X BALANCE WELL WITH REMAINING 13 # (TBG TRYING TO PUSH BACK BRINE) X WELL BALANCE 57x11, TBG, CSG 0 PSI X RU TONGS AND TRY TO BREAK CUT IN PIPE, NO LUCK X RU SWIVEL AND TURN TO TORQUE, PIPE CAME FREE X RD SWIVEL X TOH W/ TBG X HAD TO WORK THROUGH SPOT @ 10,854' BY TBG AVG (POSSIBLE LINER TOP ISSUE) X FOUND SEVERLY CORRODED COLLARS 144 JFS (4646' BY TBG AVG), CORRODED COLLARS CONT FOR ANOTHER 36 JTS (THIS IS THROUGH THE SUSPECTED LEAK/WATER FLOW AREA) X STOP PULLING TBG @ 6161' X HAD 35 BBL DISPLACEMENT DROP IN KILL FLUID X TRY TO RECOVER MUD X PUMP 50 BBLS BW 3 BPM @ 1000 PSI, NO LIFT, BOTTOM LEAK BROKEN DN, SD PUMP X CSG ON VAC (OUT OF BALANCE) X ORDER MUD FOR MONDAY MORNING TO MAKE UP FOR DISPLACEMENT X SDFW
13	4/7/2025	4/7/2025	AOL X TGSM X TBG 300 PSI, CSG 20 PSI X BALANCE WELL 20 BBLS 13# DN TBG X TOH 177 JTS REMAINING TBG X PKR RECOVERED (RELEASED WHEN TRYING TO GET RIGHT HAND TORQUE) X RUWL X RIH WITH 3.75" GR DN TO 13,120' X LD GR X PU 5" CIBP X RIH AND SET CIBP @ 13,117' X FLUID LEVEL 600' X LD SETTING TOOL X RIH MAKING 2 RUNS DUMPING CEMENT ON CIBP X RDWL X TIH 160 JTS TBG TALLYING IN HOLE X SECURE WELL, SDON
14	4/8/2025	4/8/2025	AOL X TGSM X TBG, CSG 0 PSI X TIH TALLYING 242 JTS FROM DERRICK X PU 3 TAG JTS X TAG TOC @ 13,080' (37' CEMENT) X TOH LAYING DOWN 254 JTS X LEFT 148 JTS (4791') TBG THRU TROUBLE SPOT X NDBOP, NUWH X SDFN
15	4/9/2025	4/9/2025	AOL X TGSM X TBG, CSG 20 PSI X CIRCULATE 180 BBLS BW TO RECOVER MUD X MUD CUT DN TO 9.8 PPG X SENT BACK TO KILL MUD, REJECTED DUE TO DENSITY AND IRON IN SAMPLES X RDSU AND AUX EQUIPMENT X INSTALL NEW 2" VALVE ON TREE X MOL



VERTICAL, MAIN HOLE, 4/11/2025 8:50:28 AM	
MD (ftKB)	Vertical schematic (actual)
0.0	
18.4	
361.7	Surface Casing Cement; 18.5-397.9; 8/5/2001
366.3	
397.0	Surface; 13 3/8; 48.00; H-40; 397.0
398.0	
400.3	Intermediate Casing Cement; 18.5-4,776.0;
4730.3	
4731.6	
4774.9	
4775.9	Intermediate; 9 5/8; 40.00; N-80, J-55; 4,776.0
4791.0	3; Tubing; 2 7/8; 2.44; 0.0; 4,791.0
4826.1	
10,905.9	
10,932.1	
10,937.3	
10,942.0	
10,980.0	Intermediate Casing Cement; 10,980.0-11,271.0;
11,226.1	
11,226.4	
11,269.7	
11,271.0	Production; 7; 26.00; P-110; 11,271.0 Liner Cement; 10,926.0-13,595.0; 10/6/2001
12,954.1	U. MORROW; 12,954.0-13,168.0; 214.00
13,080.1	BRIDGE PLUG - PERMANENT; 4.20; 13,117.0; 13,119.0 M. MORROW; 13,168.0-13,450.0; 282.00
13,117.1	
13,119.1	VACUUM::MORROW ; 13,227.0-13,487.0; 260.00
13,168.0	
13,227.0	MORROW UNCAS SAND; 13,227.0-13,450.0;
13,232.0	Re-Perforated; 13,227.0-13,233.0; 8/29/2003 Perforated; 13,227.0-13,233.0;
13,419.9	Cement Plug; 13,420.0-13,440.0; 5/1/2004
13,440.0	
13,440.0	Bridge Plug - Permanent; 4.20; 13,440.0; 13,441.0
13,450.1	L. MORROW; 13,450.0-13,595.0; 145.00
13,482.0	
13,486.9	Perforated; 13,482.0-13,487.0;
13,538.1	Liner Cement (plug); 13,538.0-13,595.0; 10/6/2001
13,546.6	
13,547.2	
13,595.5	
13,596.1	Liner; 5; 17.93; P-110; 13,595.0

**From:** [Bryan Koslan](#)  
**To:** [Tricia Formanek](#); [Nicole Lee](#); [Sarah Hack](#)  
**Subject:** FW: Gach 31 State 1 Well  
**Date:** Wednesday, April 9, 2025 10:15:32 AM  
**Attachments:** [image001.png](#)

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This is the note I had sent to Robert Trujillo. He confirmed via phone following a discussion with Gilbert.

Thank you folks!

**Bryan Koslan**  
**Sr. Production Engineering Manager**  
Mobile: 281-460-6111  
[bkoslan@dgoc.com](mailto:bkoslan@dgoc.com)

**Diversified Energy Company**  
1000 Main Street, Suite 2900  
Houston, TX 77002



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**From:** Bryan Koslan  
**Sent:** Tuesday, April 1, 2025 8:54 AM  
**To:** 'Robert.Trujillo@emnrd.nm.gov' <Robert.Trujillo@emnrd.nm.gov>  
**Subject:** Gach 31 State 1 Well

Mr Trujillo

Just following up on our conversation this morning on the Gach well. We'll make sure and get the proper workover paperwork in to your office as well as set the CIBP with cement just above the packer in place. While down today our next step will be to identify the source of the leak.

Please let me know if you have any questions or concerns.

Thank you sir!

**Bryan Koslan**  
**Sr. Production Engineering Manager**  
Mobile: 281-460-6111  
[bkoslan@dgoc.com](mailto:bkoslan@dgoc.com)

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**Diversified Energy Company**  
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1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 452659

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 452659
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	4/22/2025