

Submit To Appropriate District Office Two Copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S St Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources RECEIVED Oil Conservation Division AUG 05 2009 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 July 17, 2008				
		1. WELL API NO. 30-025-38785				2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN				
		3. State Oil & Gas Lease No								
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)						5. Lease Name or Unit Agreement Name VACUUM GRAYBURG SAN ANDRES UNIT				
						6. Well Number 438				
7. Type of Completion ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER INJECTION										
8. Name of Operator CHEVRON U S A INC.						9. OGRID 4323				
10. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705						11. Pool name or Wildcat VACUUM GRAYBURG SAN ANDRES				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	1	18-S	34-E		10	NORTH	420	EAST	LEA
BH:	BHL A-1-18s-34e, 30/N & 678/E									
13. Date Spudded 2-21-09	14. Date T D Reached 03-01-09	15. Date Rig Released 04-03-09		16. Date Completed (Ready to Produce) 03-26-09			17. Elevations (DF and RKB, RT, GR, etc) 3986' GL			
18. Total Measured Depth of Well 5020'		19. Plug Back Measured Depth 4916'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run CPNL, RAL			
22. Producing Interval(s), of this completion - Top, Bottom, Name 4326-4821' GRAYBURG SAN ANDRES										
23 CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
11 3/4"		42#		1485'		14.75"		1000 SX		344 SX CIRC
5 1/2"		15.5#		5000'		7.875"		2100 SX		380 SX CIRC
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 3/8"	4262'	4261'		
26. Perforation record (interval, size, and number) 4596-4750 4762-4821, 4522-60, 4474-4516 (PLUG SET @ 4590) ACIDIZE 4762-4821 W/2500 GALS 15% HCL 4357-95, 4326-4352 (PLUG SET @ 4468)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4596-4750'		ACIDIZE W/8500 GALS 15% HCL		
						4474-4560		ACIDIZE W/5000 GALS 15% HCL		
4326-4395		ACIDIZE W/5000 GALS 15% HCL								
28 PRODUCTION										
Date First Production N/A		Production Method (Flowing, gas lift, pumping - Size and type pump) INJECTION <i>Injection Test</i>				Well Status (Prod or Shut-in) INJECTING				
Date of Test 4-23-09 5-02-09	Hours Tested 24 HRS	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF 1312 CO2 @ 1276 PSI	Water - Bbl 629 BWPD @ 629 PSI	Gas - Oil Ratio			
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)				
29. Disposition of Gas (Sold, used for fuel, vented, etc)							30. Test Witnessed By			
31. List Attachments DIRECTION DRILL REPORT										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit										
33. If an on-site burial was used at the well, report the exact location of the on-site burial.										
Latitude				Longitude				NAD 1927 1983		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Denise Pinkerton</i>			Printed Name DENISE PINKERTON Title REGULATORY SPECIALIST Date 08-04-2009							
E-mail Address leakejd@chevron.com										

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	1460	T. Canyon	T. Ojo Alamo
T. Salt	1558	T. Strawn	T. Kirtland
B. Salt	2636	T. Atoka	T. Fruitland
T. Yates	2728	T. Miss	T. Pictured Cliffs
T. 7 Rivers	3126	T. Devonian	T. Cliff House
T. Queen	3694	T. Silurian	T. Menefee
T. Grayburg	4021	T. Montoya	T. Point Lookout
T. San Andres	4271	T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock		T. Ellenburger	Base Greenhorn
T. Blinebry		T. Gr. Wash	T. Dakota
T. Tubb		T. Delaware Sand	T. Morrison
T. Drinkard		T. Bone Springs	T. Todilto
T. Abo		T.	T. Entrada
T. Wolfcamp		T.	T. Wingate
T. Penn		T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
------	----	----------------------	-----------	------	----	----------------------	-----------

SUR	J460		RED BEDS				
1460	1558		ANHYDRITE				
1558	2636		SALT				
2636	2728		ANHYDRITE, DOLOMITE				
2728	3126		SAND, DOLO, ANHYDRITE				
3126	3694		ANHYDRITE, DOLO, SAND				
3694	4021		SAND, DOLO, ANHYDRITE				
4021	TD		DOLOMITE				



Tubing Summary

Well Name	Lease	Field Name	Business Unit	
VACUUM GRAYBURG SA UNIT 438WI	Vacuum Grayburg San Andres Unit	Vacuum	Mid-Continent/Alaska	
Ground Elevation (ft)	Original RKB Elevation (ft)	Current RKB Elevation (ft)	Mud Line Elevation (ft)	Water Depth (ft)
3,986.00	4,008.00	4,008.00		
Current KB to Ground (ft)	Current KB to Mud Line (ft)	Current KB to Csg Flange (ft)	Current KB to Tubing Head (ft)	
22.00				

Well Config - Original Hole, 4/2/2009 12 00 00 PM

ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual
0			1-1, Nipple, 2 3/8, 1 775, 22, 4 0
22			
26			1-2, Tubing, 2 3/8, 1 775, 26, 4,226 7
1,310	1,307	1 8	
1,332	1,330	1 8	1-3, On-Off Tool, 4 1/2, 1 500, 4,253, 1 4
1,438	1,435	1 8	
1,439	1,437	1 8	1-4, Packer, 5 1/2, 1 991, 4,254, 7 7
1,483	1,480	1 8	
1,484	1,482	1 8	1-5, EOT, 4,262
1,485	1,482	1 8	
1,865	1,863	1 4	
3,125	3,122	1 3	
4,006	3,996	9 6	
4,021	4,011	9 6	
4,253	4,240	9 3	
4,254	4,241	9 3	
4,262	4,249	9 3	
4,326	4,312	9 3	
4,330	4,316	9 3	
4,334	4,320	9 3	
4,352	4,338	9 4	
4,384	4,369	9 4	
4,395	4,380	9 4	
4,474	4,458	9 2	
4,478	4,462	9 2	
4,483	4,467	9 2	
4,496	4,480	9 2	
4,505	4,489	9 2	
4,516	4,500	9 2	
4,522	4,505	9 2	
4,526	4,509	9 2	
4,528	4,511	9 2	
4,532	4,515	9 2	
4,547	4,530	9 2	
4,560	4,543	9 2	
4,596	4,579	9 2	
4,603	4,585	9 2	
4,607	4,589	9 2	
4,610	4,592	9 2	
4,612	4,594	9 2	
4,632	4,614	9 1	
4,635	4,617	9 1	
4,640	4,622	9 1	
4,646	4,628	9 1	
4,649	4,631	9 1	
4,652	4,634	9 1	
4,656	4,638	9 1	
4,660	4,642	9 1	
4,666	4,648	9 1	
4,672	4,653	9 1	
4,675	4,656	9 1	
4,678	4,660	9 1	
4,680	4,661	9 1	
4,686	4,667	9 1	
4,691	4,672	9 1	
4,696	4,677	9 1	
4,707	4,688	9 1	
4,710	4,691	9 1	
4,716	4,697	9 1	
4,718	4,699	9 1	
4,720	4,701	9 1	
4,724	4,705	9 1	
4,728	4,709	9 1	
4,746	4,727	9 1	
4,750	4,730	9 1	
4,762	4,742	9 1	
4,766	4,746	9 1	
4,780	4,760	9 1	
4,786	4,766	9 1	
4,790	4,770	9 1	
4,798	4,778	9 1	
4,802	4,782	9 1	
4,811	4,791	9 1	
4,821	4,800	9 1	
4,913	4,892	9 0	
4,914	4,892	9 0	
4,999	4,977	9 0	
5,000	4,977	9 0	
5,020			

Tubing Strings

Tubing Description		Planned Run?		Set Depth (ftKB)		Set Depth (TVD) (ftKB)		
Tubing - 2		No		4,261 8		4,248.6		
Run Date		Run Job		Pull Date		Pull Job		
4/2/2009		Complete, 3/20/2009 13:00						
Jts	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)
1	Nipple	2 3/8	1 775	4.70	J55		4.00	22.0
134	Tubing	2 3/8	1.775				4,226 70	26.0
1	On-Off Tool	4 1/2	1.500				1 35	4,252.7
1	Packer	5 1/2	1.991				7 75	4,254.1
1	EOT							4,261.8

Rods

Rod Description		Planned Run?	Set Depth (ftKB)	Set Depth (TVD) (ftKB)	
		No			
Run Date		Run Job	Pull Date	Pull Job	
Jts	Item Description		OD (in)	Len (ft)	Top (ftKB)