

VIII

Geologic

Data

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ 1522
T. Salt _____ 1660
B. Salt _____
T. Yates _____ 2795
T. 7 Rivers _____ 3147
T. Queen _____ 3728
T. Grayburg _____ 4056
T. San Andres _____ 4342
T. Glorieta _____
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northeastern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todillo _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

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
1522	1660	138	Anhydrite				
1660	2701	1041	Salt				
2701	2795	94	Anhydrite/dolomite				
2795	3147	352	Sand/dolomite/anhydrite				
3147	3728	581	Dolomite/anhydrite				
3728	4056	328	Sand/anhydrite				
4056	4342	286	Dolomite				
4342	4611	269	Dolomite				

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-105
Revised March 25, 1999

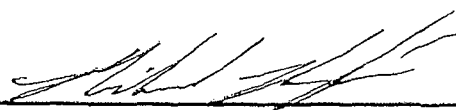
WELL API NO. 30-025-36355
5. Indicate Type Of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG													
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>WIW</u>					7. Lease Name or Unit Agreement Name Vacuum Grayburg San Andres Unit								
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER					8. Well No. 233								
2. Name of Operator Chevron U.S.A. Inc.					9. Pool name or Wildcat Vacuum Grayburg San Andres								
3. Address of Operator 15 Smith Road - Midland, Texas 79705													
4. Well Location Unit Letter <u>L</u> : <u>2630</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>18S</u> Range <u>34E</u> NMPM <u>1ea</u> County													
10. Date Spudded 08-13-03		11. Date T.D. Reached 08-20-03		12. Date Compl. (Ready to Prod.) 10-20-03		13. Elevations (DF & RKB, RT, GR, etc.) 3981'		14. Elev. Casinghead					
15. Total Depth 4611'		16. Plug Back T.D.		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By		Rotary Tools Cable Tools					
19. Producing Interval(s), of this completion - Top, Bottom, Name 4366'-4448' Grayburg								20. Was Directional Survey Made Yes					
21. Type Electric and Other Logs Run								22. Was Well Cored No					
23. CASING RECORD (Report all strings set in well)													
CASING SIZE		WEIGHT LB/FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED			
8-5/8"		24#		1535'		12-1/4"		745 sx					
5-1/2"		15.5#		4600'		7-7/8"		1030 sx					
24. LINER RECORD										25. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	DEPTH SET	PACKER SET	
										2-7/8"	4411'		
26. Perforation record (interval, size, and number) 4448-4425, 4417-4389, 4385-4366										27. ACID SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
										DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
										4366-4448		Acidized w/7000 gals 15% NEFE HCL	
28. PRODUCTION													
Date First Production 10-25-03		Production Method (Flowing, gas lift, pumping - Size and type pump) Water Injection						Well Status (Prod. or Shut-in) P (WI)					
Date of Test 10-25-03		Hours Tested 24 hours		Choke Size		Prod'n For Test Period		Oil - Bbl.		Gas - MCF		Water - Bbl. 0 @ 820#	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.) WI										Test Witnessed By			
30. List Attachments Notarized Deviation													
31. 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 Laura Skinner		Printed Name Laura Skinner		Title Reg. Specialist		Date 11-17-03							

ChevronTexaco
15 Smith Road
Midland, TX 79705

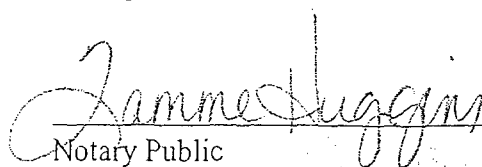
Vacuum Graybury San Andres Unit #233W
Lea County, New Mexico

260	2.60	1/2	0.88	2.28	2.28
509	2.49	1/2	0.88	2.18	4.45
758	2.49	1/2	0.88	2.18	6.63
1010	2.52	1	1.75	4.41	11.04
1232	2.22	3/4	1.31	2.91	13.96
1535	3.03	1/2	0.88	2.65	16.61
1926	3.91	3/4	1.31	5.13	21.74
2434	5.08	1	1.75	8.89	30.63
2943	5.09	2	3.50	17.82	48.44
3038	0.95	2	3.50	3.33	51.77
3165	1.27	2 1/4	3.94	5.00	56.77
3292	1.27	2	3.50	4.45	61.22
3419	1.27	2	3.50	4.45	65.66
3546	1.27	2 1/2	4.38	5.56	71.22
3673	1.27	1 3/4	3.06	3.89	75.11
3927	2.54	2 1/4	3.94	10.00	85.11
4182	2.55	2 3/4	4.81	12.27	97.38
4611	4.29	2 3/4	4.81	20.65	118.02


Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 28th day of August, 2003 by Michael Roghair - General Manager, CapStar Drilling, L.P.




Notary Public

SEP 2003
RECEIVED
Hobbs
OCD