STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

No. of Copies Received		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease: State [ ] Fee [X]

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name: H. T. Mattern (NCT-B)

9. Well No.: 25

10. Field and Pool, or Wildcat: Drinkard

12. County: Lea

TYPE OF WELL

TYPE OF COMPLETION: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

Name of Operator: Chevron U.S.A. Inc.

Address of Operator: P.O. Box 670, Hobbs, NM 88240

Location of Well

UNIT LETTER G LOCATED 1400 FEET FROM THE North LINE AND 2600 FEET FROM

East LINE OF SEC. 31 TWP. 21S RGE. 37E NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
11-5-87	11-29-87	1-9-88	3497	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6830	6697		→	yes	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 6569 - 6639

25. Was Directional Survey Made: no

26. Type Electric and Other Logs Run: GR/CCL/CBL

27. Was Well Cored: no

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#	417'	14 3/4"	300sx Class C	circ.
8 5/8"	24 & 32#	2564'	11"	800sx Class C	"
5 1/2"	15.50#	6830'	7 7/8"	1250sx Class H	"

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	6660.74'	

31. Perforation Record (Interval, size and number)

6569,6575,6582, 6588, 6595, 6611, 6621, 6627, 6633, 6639, 20 holes 4" guns, 180° phase.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6569-6639	2700 gallons 15% NEFE HCL.

PRODUCTION

First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
1-9-88	Pump	prod

Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
2-2-88	24	2" wo		18	70	24	3888

Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
100	95		18	70	24	38.4

Disposition of Gas (Sold, used for fuel, vented, etc.): Sold

Test Witnessed By:

List of Attachments:

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.

SIGNED M. E. Ahrens TITLE Staff Drilling Engineer DATE January 8, 1988

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 30 through 34 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				Northwestern New Mexico			
T. Anhy	1193	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1214	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2518	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2654	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2926	T. Devonian		T. Menefee		T. Madison	
T. Queen	3438	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3720	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3928	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	5156	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry	5472	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6156	T. Granite		T. Todilto		T.	
T. Drinkard	6492	T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, 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 _____

No. 4, from _____ to _____ feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1193	1314	121	ANHYDRITE				
1314	2518	1204	SALT				
2518	2936	418	YATES				
2936	3438	502	SEVEN RIVERS				
3438	3720	282	QUEEN				
3720	3928	208	GRAYBURG				
3928	5156	1228	SAN ANDRES				
5156	5472	316	GLORIETA				
5472	6156	684	BLINEBRY				
6156	6492	336	TUBB				
6492	6825(TD)	333	DRINKARD				