

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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
5. State Oil & Gas Lease No.
E-7169

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name
8. Farm or Lease Name
State _____

2. Name of Operator
CELERON OIL AND GAS COMPANY
3. Address of Operator
P.O. Box 52088 Lafayette, La. 70505

9. Well No.
1
10. Field and Pool, or Wildcat
WC

4. Location of Well
UNIT LETTER **I** LOCATED **1980** FEET FROM THE **South** LINE AND **660** FEET FROM
THE **East** LINE OF SEC. **33** TWP. **13S** RGE. **38E** NMPM

12. County
Lea

15. Date Spudded **28 Oct. 82** 16. Date T.D. Reached **15 Dec. 82** 17. Date Compl. (Ready to Prod.) **N/A** 18. Elevations (DF, RKB, RT, GR, etc.) **3818 GR** 19. Elev. Casinghead **3814 GR**
20. Total Depth **12650** 21. Plug Back T.D. **N/A** 22. If Multiple Compl., How Many **N/A** 23. Intervals Drilled By: Rotary Tools **0-12650** Cable Tools _____

24. Producing interval(s), of this completion - Top, Bottom, Name
N/A 25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
Dual Induction - SFL, Comp. Neutron-Litho Density 27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	54.5	535	17 1/2	450 sx CL "C" w/2% CaCl ₂	0
9-5/8	47	4675	12 1/2	915 sxs "C"	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
N/A

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production **N/A** Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. 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 Clyde A. Adcock, Jr. TITLE Drilling Engineer DATE March 28, 1983

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 <u>+2400</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>+3000</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11210</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>11702</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>12506</u>	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4711</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	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 <u>N/A</u> 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 <u>N/A</u> 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
+2400	4700	2300	Anhydrite - Dolomite	10400	11230	830	LS - SH
+4700	5600	900	Anhy - Dolomite - Shale	11230	11460	230	LS - SH - SD
5600	5780	180	Dolo. & Limestone	11460	11740	280	SH - LS
5780	6260	480	Limestone	11740	12500	760	LS - SH - CH - SD
6260	6560	300	Dolomite & Limestone	12500	12650	150	SH - Dolo. - LS
6560	6920	360	Dolo. - LS - SH - Sand				
6920	7390	470	Dolomite				
7390	7510	120	Dolomite & Shale				
7510	8080	570	Dolomite				
8080	8500	420	Anhy. - Dolo. - Shale - LS				
8500	9420	920	Limestone - Dolo - SH				
9420	9670	250	Limestone				
9670	9880	210	LS - SH - Trace of Chert				
9880	10300	420	LS - CH - SH				
10300	10400	100	SH - LS				

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SUMMARY OF DRILL STEM TESTS
ON S/L E-7169
LEA COUNTY, NEW MEXICO

DST #1

5293' - 5340'

C₁ - 21 units
C₂ - 24 units
C₃ - 9 units
C₄ - 14 units
C₅ - 4 units

Open tool for 30 min with very weak blow - slight increase

Close tool for 1 hour

Open tool for 1 hour with very weak blow - no change

Instrument Nos. - BT #1636	BT #3407
Int. Hyd. - 2416	2453
1st IF - 46	23
FF - 57	35
CIP - 114	92
2nd IF - 57	35
FF - 57	35
CIP - 137	115
Final Hyd - 2439	2476

BHT 110°

Recovery: 5' oil + 30' water

Sampler: 17 psi 50 cc oil + 2350 water

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DST #2

12080' - 12413'

C₁ - 140 units
C₂ - 120 units
C₃ - 95 units
C₄ - 50 units
C₅ - 5 units
C₆ - Trace

Open tool for 5 min. Stabilize tool
Close tool for 1 hour
Open tool for 25 min

Instrument Nos.	J1045	J1706
Int. Hyd.		5850
IF		240
FF		248
FSI		5553
Fin. Hyd.		5870

BHT 175°

Recovery: 1035 drilling fluid

Formation failed during final flow. Shut tool in. Did not get final shut in build up. Formation appeared to be very tight due to no build up during flow period.

DST #3

12319' - 12525'

C₁ - 300 units
C₂ - 350 units
C₃ - 70 units
C₄ - 100 units
C₅ - 30 units
C₆ - 15 units

Open tool for 30 min with fair blow decreasing

Closed tool for 1 hour

Open tool for 1 hour

Closed tool for 2 hours

Instrument Nos. J-1045

J-1706

Int. Hyd. - 5859

1st IF - 541

FF - 590

FSI - 1489

2nd IF - 590

FF - 590

FSI - 1140

Fin. Hyd. - 5846

BHT 182°

Recovery: 150' oil and gas cut mud & 1700' mud

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DST #4

12370' - 12568'

Open tool for 15 min with weak blow increasing to fair blow

Closed tool for 1 hour

Open tool for 45 min

Closed tool for 2 hours

Instrument Nos.	J1345	J2154
Int. Hyd.		5850
1st IF		663
FF		829
FSI		4640
2nd IF		842
FF		1377
FSI		4640
Fin. Hyd.		5838

Recovery: 1530' mud cut formation water

TABULATED DEVIATION REPORT

S/L E-7169 #1
Lea County, New Mexico
CELERON OIL AND GAS COMPANY

<u>DEPTH</u>	<u>DEVIATION</u>
180'	1°
800'	3/4°
1231'	1 1/2°
1759'	1 1/2°
2550'	1 1/4°
2968'	1 1/2°
3200'	1 1/2°
3622'	1-3/4°
4692'	1 1/2°
4896'	1 1/4°
5238'	1/4°
5340'	3/4°
5813'	3/4°
6343'	1 1/2°
6620'	3/4°
7098'	3/4°
7341'	1/4°
7860'	1/2°
8363'	3/4°
8830'	3/4°
9325'	1°
9808'	3/4°
10320'	1°
10483'	1 1/4°
11232'	1 1/4°
11870'	1°
12160'	1°
12410'	1 1/4°
12568'	1 1/2°

STATE OF LOUISIANA
PARISH OF LAFAYETTE

The foregoing instrument was acknowledged before me this 29
day of March 19 83 by *Charles Helcock*
NAME

Drilling Engineer of CELERON OIL AND GAS COMPANY
TITLE CORPORATION

a LOUISIANA corporation, on behalf of said
corporation.

My commission expires: WITH LIFE

Rose M. Thibodaux
NOTARY PUBLIC

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APR 5 1983

CCP
L. S. C.