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Form C-105
Revised 11-1-58

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
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5. Indicate Type of Lease: State [ ] Fee [X]
6. State Oil & Gas Lease No.

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

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

7. Unit Agreement Name: SOUTH CULEBRA BLUFF
8. Farm or Lease Name: SOUTH CULEBRA BLUFF UNIT
9. Well No.: 4
10. Field and Pool, or Wildcat: SOUTH CULEBRA BLUFF BONE SPRINGS

2. Name of Operator: DELTA DRILLING COMPANY
3. Address of Operator: P.O. BOX 3467 MIDLAND, TEXAS 79702
4. Location of Well: UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 560 FEET FROM THE East LINE OF SEC. 23 TWP. 23-S RGE. 28-E NMPM
12. County: EDDY

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8/9/79	10/7/79	9/4/80	2987.1 GR	2988

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
9802'	9510'		→	9802'	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 7630-9490 BONE SPRINGS

25. Was Directional Survey Made: YES

26. Type Electric and Other Logs Run: CNL-FDC-DLL-SONIC-GR-SPECTRALOG

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	48	440	17-1/2	550	
7-5/8	26.4	6185	12-1/4	6200 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	5795	9800	475	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	7065	NA

31. Perforation Record (Interval, size and number)

7055',57,75',77',79',90',92',7223',25',30',32',
7630',32',70',84',94',98',7702',08',14' 1JSPF
(.44") - 8247',49',53',57',61',77',79',89',93',
97',8301',05',09',17',19',9428',36',42',78',86',
90'.9080',94',9120',40',80',9214',44',64',8780',
33.84',88',92',96',8802',06',10' 2 JSPF (.44")

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
SEE ATTACHMENT	

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
9/4/80	Pumping 1-1/4" rod pump	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
9/10/80	24	1"		74.09	183	193/64	2469

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
0	0		74.09	183	193.64	42.8

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented until sales line connected

Test Witnessed By: Raul Madrid

35. List of Attachments

36. 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 Raul Madrid TITLE Staff Engineer DATE 9/11/80

INSTRUCTIONS

This form is to be filed with the appropriate District office of the Commission 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 radioactivity 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		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		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 6260		T. Wingate		T.	
T. Wolfcamp		T. Bell Canyon 2660		T. Chinle		T.	
T. Penn.		T. Cherry Canyon 3624		T. Permian		T.	
T. Cisco (Bough C)		T. Brushy Canyon 4742		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 6260 to 9770 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
0	2660	2660	Gravel, Limestone, Anhydrite, Salt				
2660	6260	3600	Sandstone, Anhydrite, Shale				
6260	9802	3542	Limestone, Shale, Sand				

SOUTH CULEBRA BLUFF NO. 4

Well History

DATE	
7/19/80	Perforated 8247', 49', 53', 57', 61', 77', 79', 89', 93', 97', 8301', 05', 09', 17', 19' with 2 JSPF (.44"). Acidize with 2000 gallons mud clean-up acid. Swabbed dry.
7/22/80	Perforated 8780', 84', 88', 92', 96', 8802', 06', 10', 9120', 40', 80', 9214', 44', 64', 9428', 36', 42', 78', 86', 90', with 2 JSPF (.44"). Acidize with 8600 gallons 15% NEFE. Well swabbed dry making oil.
7/31/80	Perforated 7055', 57', 75', 77', 79', 90', 92', 7223', 25', 30', 32', 7630', 32', 70', 84', 94', 98', 7702', 08', 14', with 1 JSPF (.44"). Acidized perforations 7055' to 7232' with 1500 gallons 15% NEFE. Swabbed well dry.
8/3/80	Acid. perforations 7630' to 7714' with 600 gallons 15% NEFE. Swab testing indicates 8 BOPD production.
8/23/80	Frac perforation 7630' to 7714' with 60,000 gallons Versa-Gel and 120,000 lbs sand.
8/29/80	Acidize fraced perforations 7055' to 7232' with 10,500 gallons 15% NEFE.