

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

RECEIVED

DEC 11 1981

5. LEASE DESIGNATION AND SERIAL NO.

NM-0542015

6. IF INDIAN, ALLOTMENT OR TRIBE NAME

ARTESIA, NM

7. UNIT AGREEMENT NAME

South Culebra Bluff

8. FARM OR LEASE NAME

South Culebra Bluff Unit

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

South Culebra Bluff  
(Bone Spring)11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

14 T-23S R-28E

12. COUNTY OR  
PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
ESVR. ☐

2. NAME OF OPERATOR

Delta Drilling Company

3. ADDRESS OF OPERATOR

3100-C North "A" Street Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1740' FEL &amp; 660' FNL - 1740' FEL

At top prod. interval reported below

At total depth

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

14. PERMIT NO.

DATE ISSUED

5-29-81

15. DATE SPUDDED

8-26-81

16. DATE T.D. REACHED

9-14-81

17. DATE COMPL. (Ready to prod.)

11-18-81

18. ELEVATIONS (DF, REB, ET, GR, ETC.)\*

2978.4' GR

19. ELEV. CASINGHEAD

2977'

20. TOTAL DEPTH, MD &amp; TVD

7500'

21. PLUG, BACK T.D., MD &amp; TVD

7430' PBDT

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

6282'-7404' Bone Spring

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC, DLL-Micro SFL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	500	11"	220 sx Class C	-0-
5-1/2"	17	7478	7-7/8"	1320 sx Class H HLC&C	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6255	NA

31. PERFORATION RECORD (Interval, size and number)

7270'-7404' 17  
6430'-7100' 21  
6282'-6296' 29

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6282'-7404'	Acid: 9000 gals 7 1/2% NEFE
6282'-7404'	Fracture: 152,000 gals Acid Gel II
	759,000

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-28-81		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-17-81	24	14/64	→	59	81	10	1373
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
300 psi	900 psi	→	59	81	10	40.6°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Gary Pridemore

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

RKB

TITLE

Prod. Eng.

DATE

11-18-81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

tion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in Item 24 show the producing

interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

✓ GPO 702-929