

C/SF
#12UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYN.M.O.C.D. COPY
SUBMIT IN DUPLICATE*
(See instructions on reverse side)Form approved,
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM - 0542015	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Delta Drilling Company		7. UNIT AGREEMENT NAME South Culebra Bluff	
3. ADDRESS OF OPERATOR P. O. Box 3467 Midland, Texas		8. FARM OR LEASE NAME South Culebra Bluff Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FSL X 1190 FWL At top prod. interval reported below At total depth		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT OR AREA South Culebra Bluff (Atoka)	
15. DATE SPUDDED 10-24-79		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 13 T-23-S R-28-E	
16. DATE T.D. REACHED 1-4-80		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 11-3-80		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2976.3 GR		19. ELEV. CASINGHEAD 2975	
20. TOTAL DEPTH, MD & TVD 13171		21. PLUG, BACK T.D., MD & TVD 12,433	
22. IF MULTIPLE COMPL., HOW MANY* ----		23. INTERVALS DRILLED BY ROTARY TOOLS 13171	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,515 - 11,722 Atoka		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC - CNL - FDC - DLL		27. WAS WELL CORED YES	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	94	465	26"
133/8"	61	2700	17 1/2"
9 5/8"	47, 43.5, 40	11260	12 1/4"
CEMENTING RECORD			
1575 SXS			
2700 SXS			
4200 SXS			
AMOUNT PULLED			
150 SXS			
200 SXS			
-0-			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
7"	10600	12100	350
4 1/2"	11800	13171	150
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	11390	11390	
31. PERFORATION RECORD (Interval, size and number)			
11,515, 11,517, 11,519, 11,521			
11,716, 11,718, 11,720, 11,722			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
11515, to 11,722		3000 gal. 7 1/2% Morrow Flow	
33. PRODUCTION			
DATE FIRST PRODUCTION 11-3-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 11-3-80		WELL STATUS (Producing or shut-in) Shut-In	
HOURS TESTED 1	CHOKE SIZE 6/64	PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 2262	CASING PRESSURE PKR	CALCULATED 24-HOUR RATE →	
OIL—BBL. 0.15	GAS—MCF. 30	WATER—BBL. 0	GAS-OIL RATIO 200,000
OIL—BBL. 3.6	GAS—MCF. 707	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 54.5
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented for Test only.			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 Raul Madrid		TITLE Engineer	
DATE 11-11-80		DATE 11-11-80	

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

NOV 19 1980

C. C. D.

INSTRUCTIONS

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 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation 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 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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.)

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Delaware	6254	6273	19'/19' shale & limestone, low porosity & low permeability.
Bone Spring	6273	6293	20'/20' Limestone & shale, tight
Bone Spring	6293	6304	5'/11' Lime and shale, tight
Bone Spring	6304	6327	9.3'/23' Lime and shale, tight, no shows
Bone Spring	6327	6335	5'/8' Shaley lime, tight
Bone Spring	6335	6345	4'/10' Lime, sh/sandy, tight, no shows
Bone Spring	6345	6354	6'/9' Sandy lime, tight no shows
Bone Spring	6354	6393	29'/39' Lime, sandy, shaley, some porosity in small sand stringer
Bone Spring	9419	9554	op 105" w/good Blow Rec: 40' oil 170' Wtr IHP 4727 FHP 4704 IFP 138 ISIP 589

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	2687	(+ 313)
Bone Spring	6273	(- 3273)
Wolfcamp	9600	(- 6600)
Strawn	11450	(- 8450)
Atoka	11514	(- 8514)
Morrow	12127	(- 9127)