

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

APR 17 1991 WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM0542015	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
2. NAME OF OPERATOR RB Operating Company		7. UNIT AGREEMENT NAME NA	
3. ADDRESS OF OPERATOR 2412 N. Grandview, Suite 201, Odessa, Texas 79761		8. FARM OR LEASE NAME South Culebra Bluff 13 Fed.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 664' FNL & 662' FWL At top prod. interval reported below Same At total depth Same		9. WELL NO. -4 535	
11. PERMIT NO. O.G.D. ARTESIA, OFFICE		10. FIELD AND POOL, OR WILDCAT E. Loving (Delaware)	
15. DATE SPUNDED 2/22/91		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 3/4/91		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 3/18/91		14. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 13-T23S-R28E	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2993.5 KB		19. ELEV. CASINGHEAD 2979	
20. TOTAL DEPTH, MD & TVD 6400'		21. PLUG, BACK T.D., MD & TVD 6389	
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)* 6150-6170 Delaware		25. WAS DIRECTIONAL SURVEY MADE TOTCO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CNL/FDC/DLL/CAL/EPT		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8	24#	585	12-1/4
5-1/2	15.50#	6400	7-7/8
		CEMENTING RECORD	
		350 sx "C" (circ cmt)	
		500 sx 1st. Stage	
		800 sx thru DV @3500'	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8	6342		
31. PERFORATION RECORD (Interval, size and number) 6150-6170' 0.41" 80 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6150-6170		600 gal. 7-1/2% HCL	
		Erac 8300 gel wtr X 56000# Sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 3/15/91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 4/14/91		WELL STATUS (Producing or shut-in) Prod.	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
			33 91 60 2757
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL GRAVITY-API (CORR.)
			43.7
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>James H. Shultz II</i>		TITLE <i>Sr. Prod. Engr.</i>	
* (See Instructions and Spaces for Additional Data on Reverse Side)			

ACCEPTED FOR RECORD

APR 23 1991
DATE 4/16/91

CARLSBAD, NEW MEXICO

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, i.e., 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: "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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Upper Permian	0	585	Shales	Salt	585	585
Salt	585	2413	Salt	Delaware	2413	2413
Delaware	2413	6238	Sand, Limestone, Shale	Bone Springs	6238	6238
Bone Springs	6238	6400	Limestone			