

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUE TIME

Instructions on
Form 9-330Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-19842	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME RECEIVED	
2. NAME OF OPERATOR HCW Exploration, Inc. ✓		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 10585 Midland, Texas 79702		8. FARM OR LEASE NAME Co-Fed	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 760' FSL & 660' FWL At top prod. interval reported below 760' FSL & 660' FWL At total depth 760' FSL & 660' FWL		9. WELL NO. 1 ARTESIA, OFFICE	
14. PERMIT NO.		DATE ISSUED 8-7-81	
15. DATE SPUDDED 9-17-81		16. DATE T.D. REACHED 10-25-81	
17. DATE COMPL. (Ready to prod.) 1-9-82		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3082' GR	
19. ELEV. CASINGHEAD 3081'		12. COUNTY OR PARISH Eddy	
20. TOTAL DEPTH, MD & TVD 9797		13. STATE New Mexico	
21. PLUG, BACK T.D., MD & TVD 9656		10. FIELD AND POOL, OR WILDCAT Wildcat (Bone Spring)	
22. IF MULTIPLE COMPL., HOW MANY*		11. SEC. T, R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T-22-S, R-28-E	
23. INTERVALS DRILLED BY ALL		12. COUNTY OR PARISH Eddy	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* (6256-6746) & (7320-7512) Bone Springs		13. STATE New Mexico	
25. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL/FDC, FIL		26. WAS DIRECTIONAL SURVEY MADE NO	
27. WAS WELL CORED NO		28. WAS WELL CORED NO	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	52.73	400'	26"
13 3/8"	54.5	2696'	17 1/2"
9 5/8"	40,43.5,47	9797'	12 1/4"
CEMENTING RECORD		AMOUNT PULLED	
975 sx C1 "C"		None	
1850 sx HLW + 200 sx C1 C		None	
1st 1600 sx 50:50 Pozmix		None	
2nd 800 sx HLW + 100 sx C1 C			
30. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
31. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
32. PERFORATION RECORD (Interval, size and number)			
(6256-6746) 22 holes .4" diameter			
(7320-7512) 24 holes .4" diameter			
33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7320-7512		3000 gals 10% MCA-FE	
7320-7512		604 Bbls KCL wtr + 1.78 MMCFN ₂ + 160,000# sand	
6256-6746		5500 gals 10% MCA-FE	
6256-6746		450 Bbls KCL wtr + 2.2 MMCFN ₂ + 146,000# sand.	
34. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
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.)			
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
36. LIST OF ATTACHMENTS Logs, Deviation Survey			
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Michael Reeves, M. Reeves		TITLE Dr1g OCT 8 1982	
DATE September 9, 1982			
* (See Instructions and Spaces for Additional Data on Reverse Side)			
U.S. GEOLOGICAL SURVEY ROSWELL, 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 33.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Cherry Canyon	4440	4493	10" IFP 132#-119#, 60" ISI 2029#, 120" FFP 119#-330#, 120" FSI 1898#, Rec. 649' D.M.	Lamar Bell Canyon	2700 2739	2700 2739
Bone Springs	6510	6615	10" IFP 63#-63#, 60" ISI 126#, 90" FFP 79-79# 120" FSI 95# Rec 150' formation water.	Cherry Canyon Brushy Canyon	3583 4888	3583 4888
Bone Springs	6256	6746	Sand perforated and Frac treated had a show of oil.	Bone Springs	6228	6228
Bone Springs	7320	7512	Sand perforated and Frac treated had a show of oil.	Wolfcamp	9745	9745