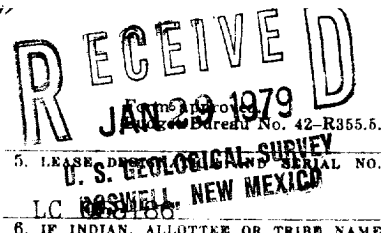


MOCC COPY

SUBMIT IN DUPLICATE*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other In-
structions on
reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. SERV. ☐	Other ☐
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
C. E. LaRue and B. N. Muncy, Jr. ✓						8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						Duval Federal X	
P.O. Box 196, Artesia, New Mexico 88210						9. WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						1	
At surface						10. FIELD AND POOL, OR WILDCAT	
1980' FNL & 660' FEL, Section 27, T18S, R30E						North Benson Queen (Q, G, S)	
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At total depth						Section 27, T18S, R30E	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH		13. STATE	
				Eddy		N.M.	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
10-14-78	10-23-78	12-7-78		3407.2 GL			
20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS	
3500'	3345'	RECEIVED →		X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
3205-3211' 3220-3230' Queen						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Gamma Ray Neutron Bond Log O.C.C.						No	
28. CASING RECORD (Artificially defined in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
8-5/8"	29#	555'	11"	200 sacks		circulated	
5-1/2"	15.5#	3500'	7-7/8"	300 sacks			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3342'	3311'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3376'-3387' w/2-1/2" pr ft				DEPTH INTERVAL (MD)			
3398'-3408' w/2-1/2" pr ft				AMOUNT AND KIND OF MATERIAL USED			
Bridge Plug set @ 3345'				3376'-3408' 1000 gal 15% HCL acid			
3205'-3211' w/2-1/2" pr ft				41000 gal gelled water			
3220'-3230' w/2-1/2" pr ft				3205'-3230' 24000# 20/40 sand			
				12000# 100 Mesh sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
1/5/79		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-10-79	24	2"	→	35	15	10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20#	20#	→	35	15	10	34°	
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)						TEST WITNESSED BY	
Used in heater treater as fuel							
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		TITLE			DATE		
Operator		Operator			1/20/79		

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

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 32.

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 545' 2190' 2582' 3096' 3206' 3480'	BOTTOM 1240' 2272' 3096' 3206' 3480'	DESCRIPTION, CONTENTS, ETC.
Salt			
Seven Rivers			
Queen			
Penrose			
Grayburg			
San Andres			

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH