

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(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. RESVR. ☒	Other ☐
2. NAME OF OPERATOR Maralo, Inc.						JUL 27 1978	
3. ADDRESS OF OPERATOR P. O. Box 832, Midland, Texas 79702						ARTESIA, OFFICE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface Unit letter G, 1980' FN & EL, Section 33 At top prod. interval reported below Same At total depth Same						14. PERMIT NO. DATE ISSUED 6-21-78	
15. DATE SPUDDED 7-31-75		16. DATE T.D. REACHED 9-22-75		17. DATE COMPL. (Ready to prod.) ** 6-23-78		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3195' GR, 3207' KB	
20. TOTAL DEPTH, MD & TVD 11,030'		21. PLUG, BACK T.D., MD & TVD 9700'		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)* 9,564' to 9,595' (Lower Penn)						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN ** Cement Bond Log w/CCL						27. WAS WELL COILED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13 3/8"		48		373		17 1/2"	
8 5/8"		28		2302		11	
5 1/2"		17 & 20		11030		7 7/8"	
CEMENTING RECORD		AMOUNT PULLED					
725 SXS		None					
1100 SXS							
2575 SXS							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
				None			
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		9475'		9475'			
31. PERFORATION RECORD (Interval, size and number) ** 9564'-9595' (1 JSPF - total of 31 0.41" holes) ** Note recompletion only							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
9564'-9595'				#1 (hole opener) 6000 gals acid			
				#2 (treatment) 15000 gals acid			
33.* PRODUCTION **							
DATE FIRST PRODUCTION ** 6-23-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-5-78		HOURS TESTED 24		CHOKE SIZE 14/64		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 24		GAS—MCF. 398		WATER—BBL. 6 (LW)		GAS-OIL RATIO 16583	
FLOW. TUBING PRESS. 650		CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 75 API @ 60° F	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Not witnessed	
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 [Signature]		TITLE Manager-Engineer				DATE July 17, 1978	

*(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 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	3,090'	3,130'	DST #1 - 120" R/90' HSWTCM SCR 2000cc SW .226 CFG @900#, 60/525 53-53 180/1078, HP 1329-1329.
Delaware	3,415'	3,457'	DST #2 - 120" R/120' DM+10' OCM+110' SWCDF w/tr oil, SCR 2300 cc O&GCDF @ 100#, 60/1289 66-90 180/1419 HP 1471-1471
Bone Springs	3,790'	3,874'	DST #3 - 180" GTS 27" Max 225 MCF died in 120" RO/2 bbl oil, SCR 7.5 CFG + 300cc wtr @ 300#, 60/1740 286-401 6 1/2'/1755
Wolfcamp	8,440'	8,447'	DST #4 - 120" GTS 12" OSWTS 37" F est 16 BOPH, 1/2" SFP 200# tr wtr RO 1270 BD w/tr w, SCR 400 cc dist w/tr w + 6.132 CFG @ 3000#, 60/3857 631-1049 90/3822 HP 4192-4174
Morrow	10,620'	10,793'	DST #5 - 2:30 GTS 5" F 2034 Max 1/2" 325 # R/60 Dist + 300' GCM SCR 22 CEG @ 800# 60/4359 742/786 240/4205 HP 5341-5341

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GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP
Yates	328	TRUE VERT. DEPTH
7 Rivers	435	
Delaware Sand	2,407	
1st Bone Springs	5,784	
2nd Bone Springs	6,532	
3rd Bone Springs	7,836	
Wolfcamp	8,283	
Perm	9,150	
Strawn	9,667	
Atoka	10,007	
Morrow Li	10,207	

Morrow Sd

10,592

5341-5341

800# 60/4359 742/786 240/4205 HP

R/60 Dist + 300' GCM SCR 22 CEG @

60/3857 631-1049 90/3822 HP 4192-4174

w/tr w + 6.132 CFG @ 3000#,

1270 BD w/tr w, SCR 400 cc dist

16 BOPH, 1/2" SFP 200# tr wtr RO

in 120" GTS 12" OSWTS 37" F est

286-401 6 1/2'/1755

CFG + 300cc wtr @ 300#, 60/1740

in 120" RO/2 bbl oil, SCR 7.5

Died 225 MCF

180/1419 HP 1471-1471

O&GCDF @ 100#, 60/1289 66-90

SWCDF w/tr oil, SCR 2300 cc

120" R/120' DM+10' OCM+110'

DST #2 -

180/1078, HP 1329-1329.

.226 CFG @900#, 60/525 53-53

DST #1 - 120" R/90' HSWTCM SCR 2000cc SW