

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210(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. ENVR. ☒	Other <u>TEST</u>
2. NAME OF OPERATOR Herman V. Wallis ✓							
3. ADDRESS OF OPERATOR 140 Pleasant View Drive Kerrville, Texas 78603							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL & 660' FNL At top prod. interval reported below At total depth							
14. PERMIT NO. <u>ARTESIA ASSOCIATED</u>							
5. LEASE DESIGNATION AND SERIAL NO. NM 16099							
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A							
7. UNIT AGREEMENT NAME N/A							
8. FARM OR LEASE NAME Federal "14"							
9. WELL NO. 2							
10. FIELD AND POOL, OR WILDCAT Sams Ranch Grayburg							
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 14, T14S, R28E							
12. COUNTY OR PARISH Chaves				13. STATE New Mexico			
15. DATE SPUDDED 4/7/72		16. DATE T.D. REACHED 5/1/72		17. DATE COMPL. (Ready to prod.) 10/24/85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3600' GR	
20. TOTAL DEPTH, MD & TVD 1353' MD		21. PLUG. BACK T.D., MD & TVD 1353' MD		22. IF MULTIPLE COMPL., HOW MANY? Single		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1346'-1353' Grayburg							25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN							27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		12		251'		150 SX	
5 1/2"		15.5		1313'		300 SX	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
2 3/8"		1353'					
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		1353'					
31. PERFORATION RECORD (Interval, size and number) Open to end 1346'-1353'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) Not treated							
33. PRODUCTION DATE FIRST PRODUCTION 10-24-85 HOURS TESTED 4 CHOKE SIZE .50 PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. 21 WATER—BBL. GAS-OIL RATIO Dry TEST WITNESSED BY R. Reston							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
35. LIST OF ATTACHMENTS C-122							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Herman V. Wallis</u>		TITLE <u>Operator</u>		DATE <u>11-5-85</u>			

*(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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	377	300	Water			
Seven Rivers	534	541	Water			
Queen	1105	1112	Gas			
Grayburn	1604	1253	Gas			

NEW-TEX LAB

PHONE 505/393-3561

P. O. BOX 1161

611 W. SNYDER

HOBBS, NEW MEXICO 88240

ANALYSIS CERTIFICATE

CLIENT: DUKE SERVICES INC.,
ADDRESS: 2400 N GRIMES
CITY, STATE: HOBBS, NM 88240

ANALYSIS NUMBER: 8192
DATE OF RUN: 10 24 85
DATE SECURED: 10 24 85

SAMPLE IDENT: HERMAN V. WALLIS - FEDERAL "14" #2
SAMPLING PRESS: 21 PSIG SAMPLING TEMP: 72 DEG F

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	20.351	
CARBON DIOXIDE	0.000	
METHANE	66.444	
ETHANE	5.855	1.562
PROPANE	2.716	0.746
ISO-BUTANE	0.436	0.142
NORMAL BUTANE	1.518	0.477
ISO-PENTANE	0.754	0.278
NORMAL PENTANE	0.854	0.309
HEXANES	1.072	0.440
TOTAL	100.000	3.954

PROPANE GPM: 0.75 BUTANES GPM: 0.62
ETHANE GPM: 1.56 PENTANES PLUS GPM: 1.03

SPECIFIC GRAV (CALC): 0.7792
MOLE WEIGHT: 22.57

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1006	1024
14.650		1003	1021
14.730		1008	1026
14.735		1008	1026

