

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other <u>Temp. Abnd.</u>				5. LEASE DESIGNATION AND SERIAL NO. NM 046153-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
2. NAME OF OPERATOR MorOilCo, Inc.				7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR Drawer I, Artesia, N.M. 88210				8. FARM OR LEASE NAME Miller Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660 from North line 660 from East line At top prod. interval reported below At total depth				9. WELL NO. #4	
14. PERMIT NO. _____ DATE ISSUED _____				12. COUNTY OR PARISH Chaves	
15. DATE SPUDDED 4-29-78 16. DATE T.D. REACHED 5-6-78 17. DATE COMPL. (Ready to prod.) 5-21-78 TA 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 4306.7' GR				13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 4075		21. PLUG, BACK T.D., MD & TVD		19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY → rotary		25. WAS DIRECTIONAL SURVEY MADE yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* none				27. WAS WELL STORED no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sample Log, Sidewall Neutron Porosity Log, DLM-SFL, Tracer					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8		23#		1422	
4 1/2		9.5#		4075	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
11		290sx. HOWCO Lite & 100sx. Class C 50/50		200sx. Class C 50/50	
7 7/8		200sx. Class C 50/50		200sx. Class C 50/50	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
2 3/8		3817		3817.27	
SACKS CEMENT*		SCREEN (MD)		PACKER SET (MD)	
38174 2 holes 3902-04 4 holes		3879 2 holes 3916-20 8 holes		3889-91 4 holes	
3894-96 4 holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)	
10,000 gal 15% DS-30 acid & 46 ball sealers		AMOUNT AND KIND OF MATERIAL USED		10,000 gal 15% DS-30 acid & 46 ball sealers	
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping size and type of pump)		WELL STATUS (Producing or shut in) Temp. Abnd.	
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY		LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>W. M. Morgan</u>		TITLE <u>President</u>		DATE <u>8-21-78</u>	

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

RECEIVED

AUG 28 1978

D.C.C.
ARTESIA, OFFICE

RECEIVED

8761 8 2 1978

WINTER HILL
M. H. HILL

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 land or State office. See instructions on Items 22 and 24, and 28, below regarding separate reports for separate completions.

If the log 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 38. 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: "Seeds 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 POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORREL INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

POROSITY	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1421	
				Salado	1475	
				Yates	1936	
				San Andres	3072	
				Pi Marker	3607	
				P-1	3762	
				P-2	3844	
				P-3	3950	

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87616 8-27-78

WINDS: 10-15 KNOTS
TEMP: 70-75 F

RECEIVED
AUG 28 1978
D. C. C.
ARTERIA, OFFICE