

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS, NEW MEXICO 88240Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐		5. LEASE DESIGNATION AND SERIAL NO. 73240	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMINOIL USA, INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 601 N. Loraine, Midland, TX 79701		8. FARM OR LEASE NAME Federal 30	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 760' FEL of Sec. 30 At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Gem Morrow	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 30; Twp. 19S; Rge. 33E	
15. DATE SPUDDED 6-19-81		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 8-27-81		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 9-21-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3585.6 GR	
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 13,712'	
21. PLUG, BACK T.D., MD & TVD 13,670'		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY Rotary Tools		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,244' - 13,561' Morrow	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN DLM - SFL, BHCS, CNFD	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13-3/8		48	
9-5/8		36 & 40	
5-1/2		17 & 20	
Depth Set (MD)		Hole Size	
1276'		17 1/2"	
5310'		12 1/4"	
13,712'		8-3/4"	
Cementing Record		Amount Pulled	
975 sks. Class "C"		-	
3440 sks. Halib. Lite		-	
2150 sks. Halib. Lite		-	
29. LINER RECORD		30. TUBING RECORD	
Size		Top (MD)	
--		--	
Bottom (MD)		Sacks Cement*	
--		--	
Screen (MD)		Size	
--		2-7/8	
Depth Set (MD)		Packer Set (MD)	
13,173'		13,212'	
31. PERFORATION RECORD (Interval, size and number)		32. ACCEPTED FOR RECORD	
13,244'-13,250' 18 JSPF		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,318'-13,322' 12 JSPF		DEPTH INTERVAL (MD)	
13,336'-13,343' 21 JSPF		None	
13,347'-13,366' 57 JSPF		AMOUNT AND KIND OF MATERIAL USED	
13,378'-13,382' 12 JSPF		DEC 14 1981	
13,561'-13,582' 63 JSPF		--	
33. PRODUCTION		U.S. GEOLOGICAL SURVEY	
DATE FIRST PRODUCTION 9-21-81		ROSWELL, NEW MEXICO	
PRODUCTION METHOD (Flowing, gas lift, pumping unit, etc.) Flowing		WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 9-21-81		HOURS TESTED 1/2	
CHOKE SIZE 25/64		PROD'N. FOR TEST PERIOD 5.9	
OIL—BBL. 5.9		GAS—MCF. 415	
WATER—BBL. 1		GAS-OIL RATIO 21.366	
FLOW TUBING PRESS. 3525		CASING PRESSURE --	
CALCULATED 24-HOUR RATE 283.5		OIL GRAVITY-API (CORR.) 53.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY J. D. Davis	
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 K. S. Kennerly		TITLE Operations Manager	
DATE September 30, 1981		DATE September 30, 1981	

*(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
San Andres Dold.	2200'	5340'	Dolomite - SW	San Andres	2200'	
Delaware Mtn.	5300'	7880'	Sands - SW	Delaware Sand	5340'	
Bone Springs	10,818'	10,818'	Sands and Carbonates - Some gas shows in sands.	Bone Springs	7880'	
Wolfcamp to Atoka	10,818'	12,410'	Carbonates - Some gas shows and SW	Wolfcamp	10,818'	
Atoka	12,410'	12,916'	Lime, Shale and some sand - No shows	Cisco	11,752'	
Morrow	12,916'	13,712'	Lime, Shale and sand with gas shows in sands.	Strawn	12,078'	
			Completed from Morrow perforations 13,244' - 13,582' (OA)	Atoka	12,410'	
				Atoka ls.	12,748'	
				Morrow ls.	12,916'	
				Morrow Clastic	13,015'	
				T.D.	13,712'	