

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG***

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF 079116					
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---					
2. NAME OF OPERATOR DEKALB Energy Company		7. UNIT AGREEMENT NAME ---					
3. ADDRESS OF OPERATOR 1625 Broadway Denver, CO 80202		8. FARM OR LEASE NAME Federal 12					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2050' FSL, 1550' FWL NE SW K At top prod. interval reported below same At total depth same		9. WELL NO. 23					
14. PERMIT NO. 30-045-28402		12. COUNTY OR PARISH San Juan					
DATE ISSUED 31 MAY 23 AM 11:37		13. STATE NM					
15. DATE SPUDDED 11-16-90	16. DATE T.D. REACHED 11-18-90	17. DATE COMPL. (Ready to prod.) 01-12-91	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6039' GR 6051' KB				
20. TOTAL DEPTH, MD & TVD 1964'	21. PLUG, BACK T.D., MD & TVD 1920'	22. INTERVALS DRILLED BY surf to 1920'	19. ELEV. CASINGHEAD ---				
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1678-98' Fruitland Coal			25. WAS DIRECTIONAL SURVEY MADE NO				
26. TYPE ELECTRIC AND OTHER LOGS RUN GST, CBL			27. WAS WELL CORED NO				
OIL CON. DIV. DIST. 3							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT CURED		
8-5/8"	24#	146'	12-1/4"	86sx C1 "G", 10 sx return @ surf.			
5-1/2"	15.5#	1964'		264sx 65/35 POZ, 150 sx "G", circ 73 sx to surf.			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1904'	
31. PERFORATION RECORD (Interval, size and number) 1678-98' w/4 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
1678-98'	40,000# 20/40 sd						
	21,642 gal gel						
	194,584 SCF N ₂ @ 1-6 ppg						
33. PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12-05-90	flowing	Shut In					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
02-23-91	Pitot	test					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
186	183		0	114	0		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold				TEST WITNESSED BY			
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 <u>AL Flower 2</u>		TITLE <u>District Superintendent</u>		DATE <u>JUN 4 1991</u>			

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

ACCEPTED FOR RECORD
JUN 4 1991
FARMINGTON RESOURCE AREA
BY 8274

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	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
		Kirtland	625'
		Fruitland Coal	1345'
		Pictured Cliffs	1733'