

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R353.3.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>31 MAY 23 AM 11:37</u>				5. LEASE DESIGNATION AND SERIAL NO. SF 078895									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>FARMING RESOURCE AREA</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo-NIIP									
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 Mudge "A"									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1190'FNL, 1560'FEL NW NE At top prod. interval reported below same At total depth same				9. WELL NO. 181									
14. PERMIT NO. 30-045-28297 DATE ISSUED JUN 5 1991				10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal									
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T27N-R11W				12. COUNTY OR PARISH San Juan									
13. STATE NM				19. ELEV. CASINGHEAD									
15. DATE SPUDDED 11-22-90	16. DATE T.D. REACHED 11-24-90	17. DATE COMPL. (Ready to prod.) 03-13-91	18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6124'GR 6138'KB	20. TOTAL DEPTH, MD & TVD 2025'									
21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY surf to	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1771-94' Fruitland Coal									
25. TYPE ELECTRIC AND OTHER LOGS RUN CBL				26. WAS WELL CORED no									
27. WAS DIRECTIONAL SURVEY MADE no													
28. CASING RECORD (Report all strings set in well)													
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED								
8-5/8"	24#	140'	12-1/4"	86sx "G" circ to surf									
5-1/2"	15.5#	2025'	7-7/8"	220sx 64/35 POZ "G",									
				150 sx "G"									
29. LINER RECORD			30. TUBING RECORD										
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)								
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.										
1771-94' w/4 JSPF			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>1771-94'</td> <td>40,000# 20/40 sd</td> </tr> <tr> <td></td> <td>21,920 gal gel</td> </tr> <tr> <td></td> <td>168,850 SCF N₂ @ 1-5 ppg</td> </tr> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	1771-94'	40,000# 20/40 sd		21,920 gal gel		168,850 SCF N₂ @ 1-5 ppg
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33. PRODUCTION													
DATE FIRST PRODUCTION 01-11-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) waiting on evaluation		WELL STATUS (Producing or shut-in)									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.								
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.								
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY JUN 6 1991								
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><i>L L Flouren</i></u>		TITLE <u>District Superintendent</u>		DATE <u>5/21/91</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.														
			<table border="1"> <thead> <tr> <th rowspan="2">NAME</th> <th colspan="2">TOP</th> </tr> <tr> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Kirtland</td> <td>770'</td> <td></td> </tr> <tr> <td>Fruitland Coal</td> <td>1496'</td> <td></td> </tr> <tr> <td>Pictured Cliffs</td> <td>1833'</td> <td></td> </tr> </tbody> </table>	NAME	TOP		MEAS. DEPTH	TRUE VERT. DEPTH	Kirtland	770'		Fruitland Coal	1496'		Pictured Cliffs	1833'	
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