

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Koch Exploration Co (Div of Koch Ind., Inc.)						3. ADDRESS OF OPERATOR P.O. Box 2256; Wichita, Kansas 67201	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FWL & 930' FNL (NE SW) At top prod. interval reported below At total depth						5. LEASE DESIGNATION AND SERIAL NO. NM-010468	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A						7. UNIT AGREEMENT NAME N/A	
8. FARM OR LEASE NAME Howell						9. WELL NO. 1-E	
10. FIELD AND POOL, OR WILDCAT Basin Dakota						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3-30N-8W	
14. PERMIT NO. N/A				DATE ISSUED N/A			
15. DATE SPUDDED 8-15-80		16. DATE T.D. REACHED 8-29-80		17. DATE COMPL. (Ready to prod.) 9-6-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 6222' KB 6236	
19. ELEV. CASINGHEAD N/A		20. TOTAL DEPTH, MD & TVD 7650		21. PLUG, BACK T.D., MD & TVD 7638		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7513-7627 (Selective) Dakota		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN IES, Density, Neutron, Caliper	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
10-3/4	44.5	241	14-3/4	275 SX	None		
7	20 & 29	3248	8-3/4	475 SX	None		
4-1/2	10.5 & 11.6	7649	6-1/4	460 SX	None		
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	7600	None
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
7513-22 2 HPF 0.45" Jet				DEPTH INTERVAL (MD)			
7556-68 2 HPF 0.45" Jet				AMOUNT AND KIND OF MATERIAL USED			
7583-86 2 HPF 0.45" Jet				7513-7568 1000 gal 7-1/2% HCl			
7609-13 2 HPF 0.45" Jet				7583-7627 500 gal 15% MCl			
7624-27 2 HPF 0.45" Jet				7513-7627 Fraced w/117,000 gal Versa Gel			
				51,000# 20-40 & 72,000# 10-20			
33.* PRODUCTION							
DATE FIRST PRODUCTION 9-8-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 9-11-80	HOURS TESTED 8	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 200	WATER—BBL. Load Wtr	GAS-OIL RATIO N/A
FLOW. TUBING PRESS. 150	CASING PRESSURE 350	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 600	WATER—BBL. Load wtr	OIL GRAVITY-API (CORR.) -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented, will be sold						TEST WITNESSED BY Delvin Echard	
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

TITLE

Operations Manager

DATE

OCT 15 1980

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

FARMINGTON DISTRICT

BY

ACCEPTED FOR RECORD

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Greenhorn	7360	-1124
				Graneros	7500	-1264
				Dakota	7608	-1372