

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 ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-11578	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NONE	
2. NAME OF OPERATOR Kenai Oil and Gas Inc.		7. UNIT AGREEMENT NAME NONE	
3. ADDRESS OF OPERATOR 717 17th Street, Ste. 2000, Denver, CO 80202		8. FARM OR LEASE NAME FEDERAL #6	
4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements): At surface 990' FNL - 830' FEL At top prod. interval reported below At total depth		9. WELL NO. #41	
10. FIELD AND POOL, OR WILDCAT Nageezi-Gallup		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6, T23N-R8W	
14. PERMIT NO. _____ DATE ISSUED _____		12. COUNTY OR PARISH San Juan	
15. DATE SPUNDED 2/28/80		13. STATE New Mexico	
16. DATE T.D. REACHED 3/26/80		18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 6937' KB - 6927' GL	
17. DATE COMPL. (Ready to prod.) 5/29/80		19. ELEV. CASINGHEAD 6927	
20. TOTAL DEPTH, MD & TVD 6440' Driller 6341' Logger		21. PLUG, BACK T.D., MD & TVD 5300'	
22. IF MULTIPLE COMPL., HOW MANY* →		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS A11	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Gallup 5236-48' Upper Gallup 5128-38'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Mud log from bottom of surf. csg to TD; Dual Induction-Comp. Neutron Density & frac finder: from 0-6341'; 0-6332';		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well) 0-6341'			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	23#	588'	12-1/4"
4-1/2"	10.5#	6437.07'	7-7/8"
			CEMENTING RECORD
			335 sxs, Class B w/3% A7
			500 gal mud flush, 1125 sxs
			50/50 Pozmix, + 2% gel,
			10% salt
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5146.06' KB	5300'	
31. PERFORATION RECORD (Interval, size and number)			
Lower Gallup 5238-46' w/0.38" holes--3 jspf			
Upper Gallup 5128-37' w/0.38" holes--3 jspf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5300'		500 gal, 15% HCl w/2 gal. inhib, 1 gal. clay, 1 gal. NE agent.	
5046.87'		500 gal., 15% HCl & 36 ball sealers.	
		See attached for frac.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 5/18/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing w/plunger lift	
DATE OF TEST 6/3/80		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 1/2	PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 200	CASING PRESSURE 425	OIL—BBL. 8	GAS—MCF. 60
	CALCULATED 24-HOUR RATE →	WATER—BBL. 2	GAS-OIL RATIO 7500
		OIL GRAVITY-API (CORR.) 39°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel & vented; negotiating for gas sales.			
TEST WITNESSED BY J.F. Elledge			
35. LIST OF ATTACHMENTS Completion history and geological report.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>George B. Judd</u>		TITLE <u>Manager-Drilling & Production</u> DATE <u>6/17/80</u>	

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

NMOCC

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
(See attached report by consulting Geologist)				Ojo Alamo	955	
				Pictured Cliffs	1620	
				Cliff House	3099	
				Point Lookout	4060	
				Mancos	4250	
				Gallup	5115	
				Greenhorn	6027	
				Graneros	6105	
				Dakota	6177	
				TD (Drilled)	6440	
				TD (Logged)	6341	