

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM-23034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NONE

7. UNIT AGREEMENT NAME

NONE

8. FARM OR LEASE NAME

FEDERAL 31

9. WELL NO.

12-12 Nacimiento
10. FIELD AND POOL, OR WILDCAT
Gavilan-Pictured Cliffs11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 12, T24N-R2W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

New Mexico

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

Kenai Oil and Gas Inc.

3. ADDRESS OF OPERATOR

717 17th Street, Ste. 2000, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 800' FNL - 1750' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

JUN 19 1980

15. DATE SPUDDED 12/19/79 16. DATE T.D. REACHED 1/1/80 17. DATE COMPL. (Ready to prod.) 2/2/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7369' GL, 7379' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3575' TVD 3552' MD 21. PLUG, BACK T.D., MD & TVD 2420' KB 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Nacimiento: 2380-2395'

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Mud Log from 230' to TD (Continuous)
ES 227 to 3547'; Gamma-Caliper-Neutron-Density 1500' to 3500'27. WAS WELL CORED
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"	23#	223' KB	12-1/4"	225 sxs, Class B, 2% CC, 1/4# FloSeal/sx.	
4-1/2"	10.5#	TD 3575'	7-7/8"	300 sxs, 50/50 Pozmix, 2% gel + 10% salt.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	2324'	2329'

31. PERFORATION RECORD (Interval, size and number)

---3416'-3420' w/0.38" --8 holes
---Fruitland--w/0.38"--3098'; 3132'; 3137';
3161'; 3183'; 3196-99'; 3200'--10 holes.
---2380-95'--w/0.38"--16 holes--1 jsp

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3050'	570 gal, 15% HCL w/12 ball sealers
3370'	850 gal, 15% hydrochloric acid, w/16 ball sealers
3522'	frac 35.0 unit KCl

33. PRODUCTION
DATE FIRST PRODUCTION 1/30/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FlowingWELL STATUS (Producing or shut-in)
Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/9/80	3	3/4"	→	-0-	446	-0-	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
276	361	→	-0-	3569	-0-	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-in; waiting on gas line "hook-up".

TEST WITNESSED BY
J.F. Elledge

35. LIST OF ATTACHMENTS

Multi point & 1-point back pressure test; geological report, completion history.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

George B. Julep

TITLE Manager-Drilling & Production DATE 6/17/80

*(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:				38. GEOLOGIC MARKERS		
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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
(See attached consulting Geologist's report)				San Jose'	Surface	
				Nacimientos	1710	
				Ojo Alamo	3110	
				Kirtland	3285	
				Fruitland	3352	
				Pictured Cliffs	3426	
				Lewis	3472	