

4-USGS, Durango, COLO.

Form 9-330
(Rev. 5-63)

2-B

1-F

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

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

5. LEASE DESIGNATION AND SERIAL NO.

SF #079107

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Candado

9. WELL NO.

16A

10. FIELD AND POOL OR WILDCAT

So. Blanco - Otero *Chae*11. SEC. T. R. M. OR BLOCK AND SURVEY
OR AREA

Sec. 25 T26N R7W

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

N. Mex.

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

Bolin Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 400, Aztec, New Mexico 87410

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

At surface 1800' FSL / 790' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1/25/76

16. DATE T.D. REACHED

2/2/76

17. DATE COMPL. (Ready to prod.)

11/23/76

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6489' GR

19. ELEV. CASINGHEAD

6490'

20. TOTAL DEPTH, MD & TVD

5175'

21. PLUG BACK T.D., MD & TVD

3623' Temp.

22. IF MULTIPLE COMPLET.
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Pictured Cliffs - 2606' - 2628'

25. WAS DIRECTIONAL
SURVEY MADE

Dev. sur.

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES/Gamma Ray Density

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"	24	175	12 1/4"	110 sxs. circulated to surface.	
5 1/2"	15.5	5175	7 7/8"	740 sxs. circulated to surface.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1"	2617'	

31. PERFORATION RECORD (Interval, size and number)

2 holes/ft: 2606' - 2628'

32. ~~XXXXXX~~ FRACTURE, ~~CHALKY SODIUM ETC.~~

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2606' - 2628'	45,000# 20/40 mesh sd. - 1180 bbls. water

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
not connected						S. I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
	3	3/4"	→	none		none	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

TEST WITNESSED BY

F. P. Crum, Jr.

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

F. P. Crum, Jr.

TITLE

agent

DATE

12/3/76

*(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 made 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.), formations, 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 5: 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: "Stacks (count)": 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 CHILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH
ELEVATION	TOP	BOTTOM			TRUE VERT. DEPTH
Pictured Cliffs	2597'	2630'	Sand - Gas	Kirtland	2098'
Chacra	3474'	3585'	Sand - Gas	Pictured Cliffs	2597'
				Chacra	3473'
				Point Lookout	4880'

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3623' Temp.

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HOW MANY*

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CABLE TOOLS

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Pictured Cliffs - 2606' - 2628'

25. WAS DIRECTIONAL
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32. ~~YACU BOX~~ FRACTURE, ~~CEMENTING RECORD~~

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33.*

PRODUCTION

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not connected						S. I.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. LIQ.—BBL. EST. PERIOD OF TIME	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
	3	3/4"			none		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	PROD. LIQ.—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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F. P. Crum, Jr.

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
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Chacra	3474'	3585'	Sand - Gas	Pictured Cliffs Chacra Point Lookout	2597' 3473' 4880'	