

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6.

## 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 JAN - 4 1980

2. NAME OF OPERATOR

Boyd Operating Co.

O. C. D.

3. ADDRESS OF OPERATOR

P. O. Box 1756 Roswell, New Mexico

ARTESIA, OFFICE

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

At surface

660 FNL, 660 FWL

At top prod. interval reported below

At total depth same  
same

14. PERMIT NO. \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.

NM-26069

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blakemore Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat Wolfcamp

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 20  
T 9 S, R26E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DATE SPUDDED 10/6/79 16. DATE T.D. REACHED 10/26/79 17. DATE COMPL. (Ready to prod.) 12/10/79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 3757 K.B. 3744 G.L. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD 5700 K.B. 21. PLUG, BACK T.D., MD &amp; TVD 5525 K.B. 22. IF MULTIPLE COMPL., HOW MANY\* Dual 23. INTERVALS DRILLED BY → ROTARY TOOLS 0 to TD CABLE TOOLS

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

~~Top 4198 to 4344 lbs~~

Bottom 5334 to 5380 Wolfcamp

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Natural G.R. Spectroscopy- Cyberlook, Compensated Neutron-Density; Dual Laterolog-Micro-SFL, GR-Neutron

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
13 3/8"	14#	312' K.B.	17 1/2"	300 sx. Cl "C" w/2% CaCl <sub>2</sub>	NONE
8 5/8"	24#	1564' K.B.	12 1/4"	975 sx Howco Lite Cl "C"	NONE
4 1/2"	10.5#	5700' K.B.	7 7/8"	625 sx Cl. "C" 50-50 Poz Mix	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5250'	

31. PERFORATION RECORD (Interval, size and number)

Wolfcamp 5334-5344  
5376-5380

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5334-5380	1500 gal. of 15% MOD-101
	9000 gal. gelled water
	5100 gal CO <sub>2</sub> and 15,000 lb.
	20-40 sand.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/16/79		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/20/79	4	Various	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
130-850	315-961	→		568			

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

Shut-In; Waiting on pipeline connection

TEST WITNESSED BY

West Engineering Co.

35. LIST OF ATTACHMENTS

C-122, Form 9-331, Gas Analysis, Pressure build-up and flow data (B.H.P.)

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

SIGNED

J. M. Bay

TITLE

DATE 12/18/79

\*(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 33.

**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.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	1375	1500	Samples showed good porosity throughout Blue-White florescence from 1430-70 Oil saturated from 1440-1450	San Andres	822		
Abo	4197	4344	Perforated intervals had porosity and gas kick on mud logs. Zone 4197-4210 had loss circulation.	Abo	4170		
Wolfcamp	5332	5382	Poorly sorted sands. Friable intergranular porosity.	Wolfcamp	4850		
				Cisco	5418		
				Montoya?	5597		
Granite Wash	5611	5700	Typical granite wash, fresh unweathered components. Log shows 7.5 to 10% porosity Drilled 2 to 3.5 min./ft. Acidized- no reservoir.	Granite Wash	5611		