

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐

JUL 2 1993

OIL CON. DIV.
DIST. 3

2. NAME OF OPERATOR

BCO, Inc. *

3. ADDRESS OF OPERATOR

135 Grant, Santa Fe, NM 87501

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

At surface

2070' FNL - 2260' FWL - Sec 10 T23N R7W NMPM

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH

13. STATE

Rio Arriba *

New Mexico *

15. DATE SPUDDED

3/16/76

16. DATE T.D. REACHED

4/20/76

17. DATE COMPL. (Ready to prod.)

5/11/76

18. ELEVATIONS (DF. RKB. RT. GB. ETC.)*

7265' GR *

19. ELEV. CASINGHEAD

7267' *

20. TOTAL DEPTH, MD & TVD

6743' *

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

6727' *

22. IF MULTIPLE COMPL.,
HOW MANY*

Co-mingled 2 zones

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX *

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

6551 - 6727' Dakota *

25. WAS DIRECTIONAL
SURVEY MADE

Yes *

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spacing TDT Borehole Compensated Sonic-Gamma; F; Dual Induction; CBL

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
8 5/8" *	24.70 *	142 *	12 1/4 *	100 Sacks *
4 1/2" *	11.60 *	6730 *	7 7/8 *	1050 Sacks *

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	6703	

31. PERFORATION RECORD (Interval, size and number)

6551-56; 6586-88 w/2 SPF; 6642-6647 w/2 SPF;
6723-6727 w/4 SPF.

- perforated 5/29/93

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6551 - 6588.	250 Gal 15% HCL 32M H ₂ O 10M 20-40.
6642 - 6647 *	250 Gal 15% HCL 27M H ₂ O 25M 20-40.
6723 - 6727 *	600 Gal 10% HCL 23M H ₂ O 39M 20-40
	Sand 195,200 scf N ₂ *

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/11/76 .		Gas Lift .				Producing .	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/28/76 .	24 .	Open .	→	1 .	269 .	7 .	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Various .	735-640 .	→	1 .	269 .	7 .	45 .	

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

Sold to El Paso Natural Gas 11/11/76 via BCO Gathering Line

ACCEPTED FOR RECORD
H. R. Bigbee

35. LIST OF ATTACHMENTS

Oil Conservation Division Order R-6929 allowing co-mingling *

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

SIGNED

Elizabeth B. Keesha

TITLE

President

FARMINGTON DISTRICT OFFICE
JUN 30 1993
6/28/93

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

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, flowing and shut-in pressures, and recoveries):

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	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH		
Picture Cliffs.	2242.		2242.
Chacra.	3035.		3035.
Cliff House.	3752.		3752.
Menefee.	3826.		3826.
Pt. Lookout.	4535.		4535.
Gallup.	5570.		5570.
Greenhorn.	6478.		6478.
Dakota.	6535.		6535.

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 7505
Order No. R-6929

APPLICATION OF BCO, INC. FOR
DOWNHOLE COMMINGLING, RIO ARRIBA
COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 16, 1982 at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 26th day of March, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, BCO, Inc., is the owner and operator of certain wells and leases in Sections 2, 3, 4, 9, and 10, Township 23 North, Range 7 West, Rio Arriba County, New Mexico.

(3) That the applicant seeks authority to commingle Lybrook-Gallup (including the Greenhorn formation) and Easin-Dakota production within the wellbore of its current and future wells in said five sections.

(4) That from each of said zones, wells within the subject area are and are expected to be capable of low marginal production only.

(5) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(6) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that any well therein is not shut-in for an extended period.

(7) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time any commingled well in the subject area is shut-in for 7 consecutive days.

(8) That in order to allocate the commingled production to each of the commingled zones in any well in the subject area, applicant should consult with the supervisor of the Aztec district office of the Division and determine an allocation formula for each of the production zones.

IT IS THEREFORE ORDERED:

(1) That the applicant, BCO, Inc., is hereby authorized to commingle Lybrook-Gallup (including the Greenhorn formation) and Basin-Dakota production within the wellbore of its current or future wells in Sections 2, 3, 4, 9, and 10 of Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico.

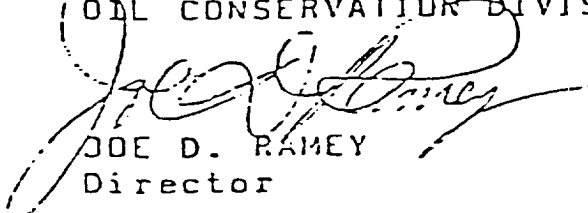
(2) That the applicant shall consult with the Supervisor of the Aztec district office of the Division and determine an allocation formula for the allocation of production to each zone in any well downhole commingled under terms of this order.

(3) That the operator shall immediately notify the Division's Aztec district office any time any well downhole commingled under terms of this order has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Director

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