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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. V-2258	
7. Unit Agreement Name	
8. Farm or Lease Name State J	
9. Well No. 1	
10. Field and Pool, or Wildcat Undesignated Graneros/ Lybrook Gallup	
12. County Rio Arriba	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL ☒ WELL ☐ GAS ☐ WELL ☐ OTHER ☐

2. Name of Operator
BCO, INC.

3. Address of Operator
135 Grant, Santa Fe, N.M. 87501

4. Location of Well
UNIT LETTER A 540 FEET FROM THE North LINE AND 820 FEET FROM
THE East LINE, SECTION 16 TOWNSHIP 23N RANGE 7W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
7210 GR

RECEIVED
JUN 23 1988
OIL CON. DIV.
DIST. 3

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	Temporary <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	PERMANENT ABANDONMENT <input checked="" type="checkbox"/>
		OTHER <u>Production Testing</u> <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

June 1, 1988 Halliburton killed well by pumping 98 bbls of 2% KCL water down casing annulus. Strapped out of hole. Had to pump additional 45 bbls to keep well killed. Set packer at 6402' with by-pass open and sliding sleeve above. Swabbed 72 bbls out.

June 2, 1988 Swabbed well down. Well kicked off with 11½ bbls out. Closed by-pass on packer. At time closed by-pass estimated 42 bbls not recovered. With by-pass closed were testing Gallup. Shut in well overnight.

June 3, 1988 Opened well to test Gallup.

June 4, 1988 During Gallup test, well flowed for 6 hours and cycled 21 times during 18-hour period when intermitter set to turn off at 560 p.s.i. and turnback on at 585 p.s.i. Well cycled 32 minutes on and 13 minutes off. Gallup made 6.25 bbls of oil, and an estimated 318 MCF of gas. Changed position of tools so testing Graneros. Swabbed and recovered 11.25 bbls fluid from Graneros (80% water). Left well shut in overnight.

(Continued)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Elizabeth B. Keeshan TITLE Vice President DATE June 21, 1988

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE JUN 23 1988

CONDITIONS OF APPROVAL, IF ANY:

Operator: BCO, Inc.
135 Grant Ave.
Santa Fe, N.M. 87501

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No: V-2258
State J-1
Undesignated Graneros/Lybrook Gallup
Page Two

June 5, 1988 Graneros tubing pressure at 75 lbs. Could not get Graneros to flow or produce by intermitting. Hit Graneros tubing with Gallup casing to equalize.

June 6, 1988 Blew down tubing from 515 p.s.i. After two hours tubing pressure had only built to 20 lbs. Halliburton pumped 60,000 scf of nitrogen into Graneros at rate of 1000 scf a minute at 1300 p.s.i. ISIP 2050, 5 min 2025, 10 min 2000, 15 min 2000. Blew down in 30 min. Decided to move packer to 6450. Opened by-pass and equalized. Could not move packer. Left tubing stretched.

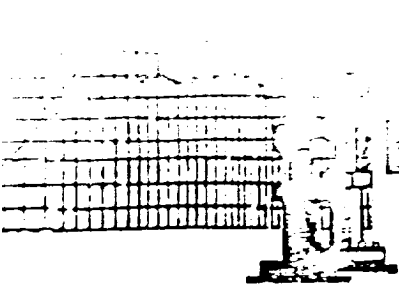
June 7, 1988 Could not unseat packer. Received verbal permission from Frank Chavez to temporarily abandon Undesignated Graneros. Cut tubing with chemical packer three feet above packer. Came out of hole with tubing and sliding sleeve. Set drillable bridge plug at 5880'. The Undesignated Graneros is temporarily abandoned. Started running tubing in.

June 8, 1988 Finished running tubing. Landed tubing at 5725'. Placed well back in production on 26/64 choke.

June 9, 1988 Made 109.17 total fluid in 24 hours. Dropped piston. Left to operate on 22/64 choke.

June 10, 1988 Set 180 hour bomb hanging at 5700'. Flowed for two hours. Shut well in for 7-day pressure test.

June 17, 1988 Removed bomb from well. Results of pressure buildup measurement is attached. Began cleaning up well to place well back in production.



TEFTELLER, INC.

reservoir engineering data

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO
GRAND JUNCTION, COLORADO

P. O. Box 5247
Midland, Texas 79704
(915) 682-5574

June 20, 1988

BCO, Inc.
135 Grant Avenue
Santa Fe, NM 87501

Attention: Mr. Art Jaramillo
for Ms. Elizabeth Keeshan

Subject: Buildup Measurement
State "J" No. 1
Lybrook (Gallup) Field
Rio Arriba County, New Mexico
Our File No. 2-19081-BU

Dear Mr. Jaramillo:

Attached hereto are the results of a bottomhole pressure buildup measurement which was conducted on the above captioned well June 10 through 17, 1988.

The data presented are in tabular and graphical form.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please call us at any time.

Respectfully submitted,

Neil Tefteller

NT/lw

TEPTELLER, INC.
RESERVOIR ENGINEERING DATA
MIDLAND, TX.- FARMINGTON, NM.- GRAND JUNCTION, CO.

WELL : STATE "J" NO. 1

PAGE 1 OF 4

FIELD : LYBROOK (GALLUP)

FILE 2-19081-BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1988	STATUS OF WELL	TIME	ELAPSED TIME HRS. MIN.	WELLHEAD PRESSURE TBG CSG	BHP @ 5700' PSIG
6-10	Arrived on location				
	Well flowing on 18/64"				
	choke	09:00		538	
	Tandem instruments @ 5700'	10:00			704
	Flowing on 18/64" choke	11:00			684
		12:00			683
	Shut-in for buildup	12:00	0 00		
		12:15	0 15		722
		12:30	0 30		731
		12:45	0 45		739
		13:00	1 00		744
		13:15	1 15		748
		13:30	1 30		751
		14:00	2 00		754
		14:30	2 30		756
		15:00	3 00		759
		16:00	4 00		763
		17:00	5 00		766
		18:00	6 00		769
		19:00	7 00		772
		20:00	8 00		775
		21:00	9 00		777
		22:00	10 00		780
6-1		00:00	12 00		783
		02:00	14 00		786
		04:00	16 00		789
		06:00	18 00		792
		08:00	20 00		795
		10:00	22 00		797
		12:00	24 00		799
		14:00	26 00		801
		16:00	28 00		804
		18:00	30 00		806
		20:00	32 00		808
		22:00	34 00		810
6-12		00:00	36 00		811
		04:00	40 00		813
		08:00	44 00		816
		12:00	48 00		819
		16:00	52 00		821
		20:00	56 00		824

TEFTELLER, INC.
RESERVOIR ENGINEERING DATA
MIDLAND, TX.- FARMINGTON, NM.- GRAND JUNCTION, CO.

WELL : STATE "J" NO. 1

PAGE 2 OF 4

FIELD : LYBROOK (GALLUP)

FILE 2-19081-BU

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

1988 DATE	STATUS OF WELL	TIME	ELAPSED TIME HRS. MIN.	WELLHEAD PRESSURE TBG CSG	BHP @ 5700' PSIG
6-13		00:00	60 00		827
		04:00	64 00		829
		08:00	68 00		831
		12:00	72 00		833
		16:00	76 00		835
		20:00	80 00		837
6-14		06:00	90 00		841
		16:00	100 00		846
6-15		02:00	110 00		851
		12:00	120 00		855
		22:00	130 00		859
6-16		08:00	140 00		861
		18:00	150 00		864
6-17		04:00	160 00		867
	Off bottom with instruments	09:15	165 15		868
	Gradient traverse	10:30	166 30	623 738	868

TEFTELLER, INC.
Reservoir Engineering Data
P.O. Box 3347
Midland, Texas 79704

BUILDUP CURVE

BCO, Inc.
State "J" No. 1
File No. 2-19081-BU

BOTTOMHOLE PRESSURE @ 5700 FEET, PSIG

SHUT-IN TIME: HOURS

