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NEW MEXICO OIL CONSERVATION COMMISSION

REQUEST FOR ALLOWABLE
AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104

Supersedes Old C-104 and C-11
Effective 1-1-65

I.

Operator		BCO, Inc.	
Address			
P. O. Box 669 Santa Fe, New Mexico 87501			
Reason(s) for filing (Check proper box)		Other (Please explain)	
New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input checked="" type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Federal 1-22	Well No.	2	Pool Name, including Formation	Escrito Gallup	Kind of Lease	Federal
						State, Federal or Fee	NM-14925
Location							
Unit Letter	M	790	Feet From The	South	Line and	790	Feet From The
							West
Line of Section	22	Township	24 North	Range	7 West	NMPM,	Rio Arriba
							County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	BCO, Inc.			Address (Give address to which approved copy of this form is to be sent)		
				P. O. Box 669 Santa Fe, New Mexico 87501		
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	BCO, Inc.			Address (Give address to which approved copy of this form is to be sent)		
				P. O. Box 669 Santa Fe, New Mexico 87501		
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	N	22	24N	7W	Yes	7-16-76

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'ty.	Diff. Res'ty.
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Pool	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING	TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

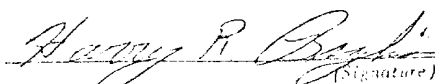
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.



President

(Title)

8-2-76

(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19

BY Original Signed by A. R. Kendrick

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.

Federal 1-22 #2
Federal Lease NM-14925
Escrito Gallup Oil Pool
Rio Arriba County, New Mexico
Ground Elevation 6799
790' FSL 790' FWL Sec. 22 T24N R7W NMPM

3-16-76 to 3-17-76

Drilled 12 1/4" hole 144'. Ran 3 joints (144') of 24.70 # 8 5/8 surface casing and cemented with 100 sacks Class B cement with 2% Ca Cl.

3-28-76 to 4-6-76

Drilled 7 7/8" hole to 5680 -- Drillers T.D. 5680
Deviation results are as follows:

1587 -- 1/2; 2434 -- 1/2; 2824 -- 1;
3256 -- 1 1/4; 3654 -- 1; 4311 -- 1 1/2;
4805 -- 1 3/4; 5190 -- 2; 5524 -- 1 3/4

4-6-76

Tried to log but couldn't.

4-7-76

Determined KB TD was 5697. Ran 5694' 4 1/2" 11.5 casing and cemented as follows:

Stage 1

Cemented 5697 to 3421 140 sacks Halliburton light w/2% Ca Cl and 10 #'s Gilsonite per sack and 300 sacks 50/50 Poz w/2% gel.

Stage 2

Baker DV tool set at 3421. Cemented 3421 to surface with 475 sacks Halliburton light w/ 10 #'s Gilsonite per sack.

4-19-76

Drilled out DV stage at 3421. Ran Dual Spacing. thermal neutron decay time log. TD 5629.

5-3-76

Drilled out 38' of cement making PBTD 5667. Ran perforating depth control log and perforated W/2 SPF 5622-5592; 5501-5499; 5591-5489; 5484-5482; 5476-5466; 5434-5432; 5422-5420, and 5416-5408. 116 total shots.

5-4-76

Broke down 5592 to 5622 at 2900 #'s ISIP 800 #'s. Ran 500 gals. 15% HCL and 58 balls. No ball off.

Broke down 5466 to 5501 at 2000 #'s ISIP 700 #'s. Ran 500 gals. 15% HCL and 30 balls. No ball off.

Broke down 5408-5434 at 2300 #'s. Ran 500 gals 15% HCL and 22 balls. No ball off. ISIP 800 #'s.

Fracked with 105,430 gallons water; 150,000 #'s 10/20 sand; 110 gallons Morflo; 1500 #'s WG-6 gelling agent; 15 #'s GBU-3; and 165 sacks KCL. Average treating pressure 2500 #'s, ISIP 1350 #'s, 5- min SIP 1275 #'s. Avg. treating rate 55 BPM.

5-5-76 to 5-8-76

Swabbed well. 5-5-76 date of 1st oil production.

5-25-76

Well produced 25 bbls. of oil, 1 bbl' of frac water and 75 MCF of gas. Well was produced with a piston.



JUN 4 1976

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.