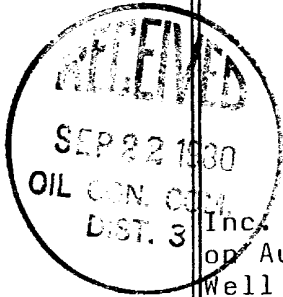


THE APPLICATION OF CONSOLIDATED  
OIL AND GAS, INC. FOR A DUAL COMPLETION

ORDER NO. MC-2702

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION



Under the provisions of Rule 112-A Consolidated Oil and Gas, Inc. made application to the New Mexico Oil Conservation Division on August 15, 1980, for permission to dually complete its Clayton Well No. 1E located in Unit P of Section 2, Township 30 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Gallup formation adjacent to the Flora Vista-Gallup Pool and from the Basin-Dakota Pool.

Now, on this 5th day of September, 1980, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Consolidated Oil and Gas, Inc., be and the same is hereby authorized to dually complete its Clayton Well No. 1E located in Unit P of Section 2, Township 30 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Gallup formation adjacent to the Flora Vista-Gallup Pool and from the Basin-Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby 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  
Division Director

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>Consolidated Oil &amp; Gas, Inc.</b>		County <b>San Juan</b>		Date <b>August 13, 1980</b>
Address <b>1860 Lincoln St., Denver, Colo. 80295</b>		Lease <b>Clayton</b>		Well No. <b>1-E</b>
Location of Well <b>"P"</b>	Unit <b>2</b>	Section <b>30N</b>	Township <b>12W</b>	Range <b>30N</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator Lease, and Well No.: **Clayton No. 1**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Flora Vista/Gallup</b>		<b>Basin Dakota</b>
b. Top and Bottom of Pay Section (Perforations)	<b>PERF: 5898'-5910' 7 holes</b>		<b>Upper 6564'-6658' 10 hole. Lower 6686'-6770' 9 holes</b>
c. Type of production (Oil or Gas)	<b>Gas</b>		<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>		<b>Flowing</b>

4. The following are attached. (Please check YES or NO)

- |                                     |                          |   |
|-------------------------------------|--------------------------|---|
| Yes                                 | No                       |   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side foot chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)   |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

- El Paso Natural Gas Company, P.O. Box 990, Farmington, New Mex. 87401**
- Amoco Production Co., 501 Airport Road, Farmington, New Mex. 87401**
- Texaco, Inc. Box 810, Farmington, New Mex. 87401**
- Horace F. McKay, Jr. (El PamCo, Inc.), P. O. Box 14738, Albuquerque, New Mex. 87111**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification **August 13, 1980**.

CERTIFICATE: I, the undersigned, state that I am the **Vice Pres., Operations** of the **Consolidated Oil & Gas, Inc.** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*Floyd E. Ellison, Jr.*  
Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of

## OIL CONSERVATION COMMISSION

Clayton DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE August 19, 1980

RE: Proposed MC α  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated August 15, 1980  
for the Consolidated O & G Clayton #1E P-2-30N-12W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

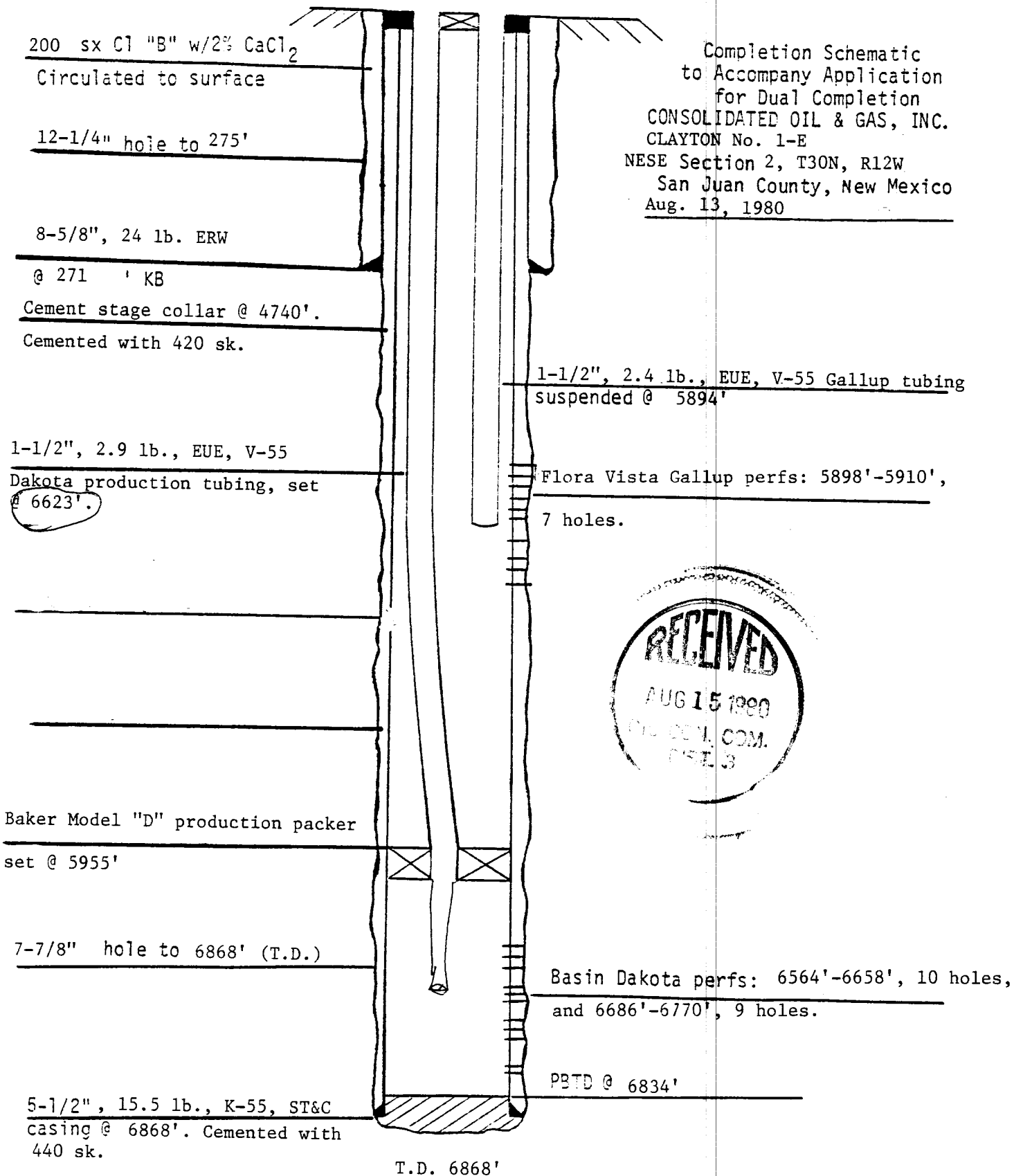
Approve, Note - but drawing does not show Dakota thg.  
at indicated depth

Yours very truly,

Frank J. O'G

Elevation: S.L. 5712'  
K.B. 5723'

652-8056







**LTR**



**Job separation sheet**

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

This form is not to  
be used for reporting  
packer leakage tests  
in Southeast New Mexico

1995

Page 1  
Revised 10/01/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator SNYDER OIL CORPORATION Lease Clayton Well No. 1E  
Location of Well: Unit P Sec. 2 Twp. 30 Rge. 12 County SAN JUAN

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	Gallup	GAS	Flow	TBG
Lower Completion	Dakota (NP)	GAS	Flow	TBG

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 12-15-95	Length of time shut-in 3 days	SI press. psig 205	Stabilized? (Yes or No) yes
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig 0	Stabilized? (Yes or No) yes

FLOW TEST NO. 1

Commenced at (hour, date)* 12-17-95		Zone producing (Upper or Lower): Upper	
TIME (hour, date)	LAPSED TIME SINCE*	<div> <div> <div>UPPER COMPLETION</div> <div>LOWER COMPLETION</div> </div> <div> <div>PROD. ZONE TEMP.</div> <div>REMARKS</div> </div> </div>	
12-15-95		csg 175 tbg 145 tbg 0	Both zones shut in
12-16-95		195 205 0	Both zones shut in
12-17-95		200 205 0	Both zones shut in
12-18-95	1 day	175 145 0	Flowed upper zone
12-19-95	2 days	195 165 0	Flowed upper zone
			DK logged off

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_  
Gas: 92 MCFPD; Tested thru (Orifice or Meter): \_\_\_\_\_ Meter

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

## FLOW TEST NO. 2

Commenced at (hour, date) **				Zone producing (Upper or Lower):	
TIME (hour, date)	LAPSED TIME SINCE **	PRESSURE		PROD. ZONE TEMP.	REMARKS
		Upper Completion	Lower Completion		

Production rate during test

Oil: \_\_\_\_\_ BOPD based on \_\_\_\_\_ Bbls. in \_\_\_\_\_ Hours. \_\_\_\_\_ Grav. \_\_\_\_\_ GOR \_\_\_\_\_

Gas: \_\_\_\_\_ MCFPD: Tested thru (Orifice or Meter): \_\_\_\_\_

Remarks: \_\_\_\_\_

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved \_\_\_\_\_ 19 \_\_\_\_\_  
New Mexico Oil Conservation Division

FEB 29 1996

By \_\_\_\_\_  
DEPUTY OIL & GAS INSPECTOR

Title \_\_\_\_\_

Operator SNYDER OIL CORPORATION

By \_\_\_\_\_

Title PRODUCTION ANALYST

Date February 22, 1996

## NORTHWEST NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to the lack of a pipeline connection the flow period shall be three hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.

6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except

that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow-period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).