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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| | |

| | | | |
|--|----------------------------------|--|--|
| 1a. TYPE OF WELL | | 7. Unit Agreement Name | |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ | | 8. Farm or Lease Name LCH 689-C Ltd. | |
| 2. Name of Operator BTA OIL PRODUCERS | | 9. Well No. 3 | |
| 3. Address of Operator 104 South Pecos Midland, Texas 79701 | | 10. Field and Pool, or Wildcat N. Bagley (Penn) | |
| 4. Location of Well | | | |
| UNIT LETTER "M" LOCATED 510 FEET FROM THE West LINE AND 660 FEET FROM | | | |
| THE South LINE OF SEC. 31 TWP. 11-S RGE. 33-E NMPM | | 12. County Lea | |
| 15. Date Spudded 5/5/76 | 16. Date T.D. Reached 5/30/76 | 17. Date Compl. (Ready to Prod.) 6/28/76 | 18. Elevations (DF, RAB, RT, GR, etc.) 4309' GL |
| 19. Elev. Casinghead 4299' | | | |
| 20. Total Depth 9700' | 21. Plug Back T.D. 9671' | 22. If Multiple Compl., How Many ----- | 23. Intervals Drilled By Rotary Tools 0-9700 Cable Tools ----- |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name 9231' - 9624' Pennsylvanian | | | 25. Was Directional Survey Made NO |
| 26. Type Electric and Other Logs Run Gamma Ray - Neutron | | | 27. Was Well Cored NO |

| 28. CASING RECORD (Report all strings set in well) | | | | | |
|--|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 12 3/4" | 41# | 354' | 17 1/2" | 400sx | Circ. |
| 8 5/8" | 24# | 3725" | 11" | 450sx | ---- |
| 5 1/2" | 23 & 17# | 9700' | 7 5/8" | 800sx | ---- |

| 29. LINER RECORD | | | | 30. TUBING RECORD | | |
|------------------|-----|--------|--------------|-------------------|--------|------------|
| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET |
| | | | | | 2 7/8" | 9161' |
| | | | | | | PACKER SET |
| | | | | | | 9161' |

| | | |
|--|--|--------------------------------------|
| 31. Perforation Record (Interval, size and number) 9231' - 9624' . (26 holes) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | |
| | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
| | 9231' - 9245' | A/10000 Gal 20% Retarded FR/NE Acid. |
| | 9516' - 9624' | A/10000 Gal. 15% Retarded NE Acid. |

| 33. PRODUCTION | | | | | | | |
|----------------------------------|-------------------------|---|----------------------------------|-------------------|--------------------|---|-------------------------|
| Date First Production 6/28/76 | | Production Method (Flowing, gas lift, pumping - Size and type pump) Pump - Kobe 4" X 2 3/8" X 2" | | | | Well Status (Prod. or Shut-in) Prod. | |
| Date of Test 7/6/76 | Hours Tested 24 | Choke Size ---- | Prod'n. For Test Period ----- | Oil - Bbl. 37 | Gas - MCF TSTM | Water - Bbl. 75 | Gas - Oil Ratio ---- |
| Flow Tubing Press. ---- | Casing Pressure ---- | Calculated 24-Hour Rate ----- | Oil - Bbl. 37 | Gas - MCF TSTM | Water - Bbl. 75 | Oil Gravity - API (Corr.) 45 | |

| | |
|---|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented (TSTM) | Test Witnessed By |
|---|-------------------|

| |
|---|
| 35. List of Attachments C-104, Log, Deviation Schedule |
|---|

| | | |
|---|------------------------------------|---------------------|
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. | | |
| SIGNED <u>Bob Newland</u> Bob Newland | TITLE <u>Regulatory Supervisor</u> | DATE <u>7/13/76</u> |

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|-------------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____ 1550 | T. Canyon _____ 9667 | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates _____ 2350 | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen _____ | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ 3720 | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 5100 | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinberry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ 6550 | T. Granite _____ | T. Todilto _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ 7300 | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ 8536 | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ 9100 | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ 9226 | T. _____ | T. Penn. "A" _____ | T. _____ |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|-------------------|------|----|----------------------|-----------|
| 0 | 1550 | | Red Beds & Sand | | | | |
| 1550 | 2350 | | Anhydrite & Salt | | | | |
| 2350 | 3720 | | Sand & Dolomite | | | | |
| 3720 | 5100 | | Dolomite | | | | |
| 5100 | 7300 | | Sand & Dolomite | | | | |
| 7300 | 8536 | | Shale & Dolomite | | | | |
| 8536 | 9700 | | Limestone & Shale | | | | |

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AN
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

I. Operator
BTA OIL PRODUCERS
Address
104 South Pecos Midland, Texas 79701
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
**CASINGHEAD GAS MUST NOT BE
FLARED AFTER 9-1-76
UNLESS AN EXCEPTION TO B-400
IS OBTAINED**

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|---------------|--|--|-----------|
| Lease Name LCH 689-C Ltd. | Well No. 3 | Pool Name, Including Formation N. Bagley (Penn) | Kind of Lease State, Federal or Fee State | Lease No. |
| Location Unit Letter "M" ; 510 Feet From The West Line and 660 Feet From The South Line of Section 31 Township 11-S Range 33-E, NMPM, Lea 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"/> Amoco Pipeline Company | Address (Give address to which approved copy of this form is to be sent) 2300 Continental National Bank Bldg. Fort Worth, Texas 76102 | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> ---- | Address (Give address to which approved copy of this form is to be sent) ----- | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit F | Sec. 31 | Twp. 11-S | Rge. 33-E | Is gas actually connected? No | When TSTM |

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 X | Gas Well | New Well X | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded 5/5/76 | Date Compl. Ready to Prod. 6/28/76 | | Total Depth 9700' | | P.B.T.D. 9671' | | | |
| Elevations (DF, RKB, RT, GR, etc.) 4309' GL | Name of Producing Formation Pennsylvanian | | Top Oil/Gas Pay 9231' | | Tubing Depth 9161' | | | |
| Perforations 9231' - 9624' (26 holes) | | | | | Depth Casing Shoe | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| 17 1/2" | 12 3/4" | | 354' | | 400sx | | | |
| 11" | 8 5/8" | | 3725' | | 450sx | | | |
| 7 7/8" | 5 1/2" | | 9700' | | 800sx | | | |

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 6/28/76 | Date of Test 7/6/76 | Producing Method (Flow, pump, gas lift, etc.) Pump | |
| Length of Test 24 HR. | Tubing Pressure ----- | Casing Pressure ----- | Choke Size ----- |
| Actual Prod. During Test 37 | Oil - Bbls. 37 | Water - Bbls. 75 | Gas - MCF TSTM |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pitot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | 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.

Bob Newland Bob Newland
(Signature)
Regulatory Supervisor
(Title)
7/13/76
(Date)

OIL CONSERVATION COMMISSION

APPROVED _____, 19____
BY John W. Remyer
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 only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of conditions.
Separate Forms C-104 must be filed for each pool in multi-

FIELD N. Bagley COUNTY Lea OC NUMBER

OPERATOR BTA Oil Producers ADDRESS 104 South Pecos Street, Midland, Texas 79701

LEASE 689-C LTD. L.C.H. WELL NO. 3 SURVEY 660' FSL & 510' FWL, Section 31, T-11-S, R-33-E

RECORD OF INCLINATION

DEPTH (FEET)

ANGLE OF
INCLINATION (DEGREES)

| | |
|--------|-------|
| 355' | 1/4 |
| 845' | 1/2 |
| 1,340' | 1/2 |
| 1,832' | 3/4 |
| 2,320' | 1/2 |
| 2,810' | 1/2 |
| 3,430' | 1/2 |
| 3,725' | 1/2 |
| 4,195' | 1/2 |
| 4,701' | 1/2 |
| 5,160' | 3/4 |
| 5,630' | 3/4 |
| 6,164' | 1 |
| 6,511' | 1 |
| 6,792' | 1 |
| 7,262' | 1-1/4 |
| 7,637' | 1 |
| 8,139' | 1 |
| 8,401' | 3/4 |
| 8,610' | 3/4 |
| 9,100' | 1/2 |
| 9,700' | 1/2 |

Certification of personal knowledge Inclination Data:

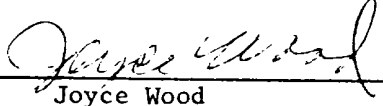
I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: 

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the 9th
day of June, 1976.


Joyce Wood Notary Public in and for Midland County, Texas.

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CH. CONSERVATION COMMISSION
U. S. DEPT. OF THE INTERIOR