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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103  
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE OCC  
JUL 5 AM 8:02

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company **Shell Oil Company** Address **P. O. Box 1890, Roswell, New Mexico**

Lease **Argo** Well No. **2** Unit Letter **L** Section **15** Township **21S** Range **37E**

Date Work Performed **6-10-63 thru 7-1-63** Pool **Drinkard/Blinebry (Oil)** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations
- Casing Test and Cement Job
- Other (Explain): **Dual Completed Blinebry**
- Plugging
- Remedial Work **Oil w/existing Drinkard as per Administrative**

Detailed account of work done, nature and quantity of materials used, and results obtained. **Order No. MC-1335 dated June 5, 1963.**

Pulled 2" tubing, Gas Lift valves and packer. Ran GR-N/OCL 6647' - 2500'. Ran Baker RBP on 2" tubing, released and set BP at 6590'. Pulled tubing. Dumped 2 sx. 8-12 frac sand on BP. Ran Baker FERC on 2" tubing, set at 6560'. Pressured 2" tubing and FERC to 5000 psi, held OK. Pulled FERC to 6431'. Circulated hole w/formation water, squeezed Drinkard perforations 6520' - 6540' w/50 sx. regular cement at 4500 psi. Held for 1 hour w/no flow back. Circ. 10 sx. cement. Pulled tubing & FERC to 5811', set FERC at 5811'. Re pressured tubing to 3500 psi for 4 hours. Tested 8 5/8" - 5 1/2" annulus w/formation water to 500 psi/10 minutes/OK. Tested 5 1/2" casing to 4050 psi/15 minutes/OK. Perforated 5700' - 5701' w/4 holes, set packer. pressured tubing to 5000 psi, released packer, re-perforated 5700' - 5701' w/4 additional holes. Lowered tubing and packer. Spotted 200 gallons 15% regular acid over perforations, pressured casing to 1800 psi, tubing to 6000 psi w/no break down. Reversed out acid. Pulled tubing. Cleaned out. Tested casing & perforations to 4050 psi. OK. Pulled tubing, retrievable tool and retrievable bridge plug. Ran Baker Model B production packer w/expendable plug in place, set packer at 5950' and capped w/1 sx. 8-12 Mesh sand. Perforated Blinebry 5817', 5814', 5811', 5808', 5805', 5797', 5794', 5791', 5778', 5772', 5762', 5756', 5750' w/1-3/8" JS (13 holes). (Continued on back of page)

Witnessed by **W. D. Moore** Position **Production Foreman** Company **Shell Oil Company**

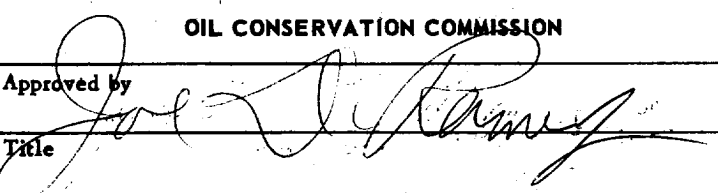
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

| ORIGINAL WELL DATA     |                        |                     |                    |                 |
|------------------------|------------------------|---------------------|--------------------|-----------------|
| D F Elev.              | TD                     | PBTD                | Producing Interval | Completion Date |
| Tubing Diameter        | Tubing Depth           | Oil String Diameter | Oil String Depth   |                 |
| Perforated Interval(s) |                        |                     |                    |                 |
| Open Hole Interval     | Producing Formation(s) |                     |                    |                 |

| RESULTS OF WORKOVER |              |                    |                      |                      |                    |                          |
|---------------------|--------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Test                | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
| Before Workover     |              |                    |                      |                      |                    |                          |
| After Workover      |              |                    |                      |                      |                    |                          |

OIL CONSERVATION COMMISSION

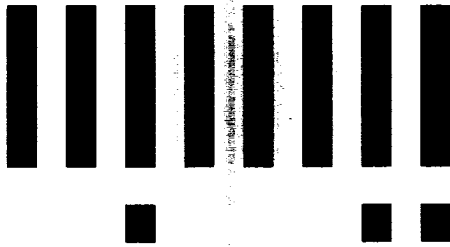
I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by  Name **R. A. Lowery** Original Signed By **R. A. LOWERY**

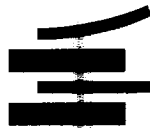
Title **District Exploitation Engineer** Position **District Exploitation Engineer**

Date \_\_\_\_\_ Company **Shell Oil Company**

Ran 2" tubing w/ FIRC set at 5690'. Spotted 200 gallons 1% NVA over perforations, set FIRC at 5690', treated w/ 1500 gallons 1% NVA using ball sealers after each 200 gallons (Total 14 balls). Pulled tubing and FIRC. Treated via 5 1/2" casing w/ 20,000 gallons lease crude containing 1% 20 - 40 mesh sand and 1/20# Mark II Adomite/gallon in 3 stages using ball sealers. Spotted 750 gallons Temblok 30 over Drinker. Tubing: Drinker: Ran 165 jts. (5664') 2 1/16" tubing hung at 5662'. Production Tube & Seal Assembly 5950' - 5962'; 2 1/2" CMS x 2" BUE Crossover nipple and seating nipple 5950' - 5948'; 8 jts. (235') 2 7/8" CMS flush jt. tubing 5948' - 5712'; 1 jt. (29') 2 3/8", Type CS Hydril 5714' - 5685'; TIM snap set by pass packer 5685' - 5680'; Handling sub, 2 1/16" OD, 5680' - 5677'; 2 1/16" OD sub 5677'; Camco Mandrel & by pass gas lift valves 5671' - 5664'; 1" Aztec tubing dip tube 5671' - 5929' inside 2 7/8" tubing w/ 1-1/16" hole for vent drilled at 29' below Camco Mandrel; 123 jts. (4194') 1-4" sub, 2 1/16" OD tubing 5664' - 1470'; 42 jts. (1470') 1-23' sub, 2 1/16" OD internally plastic coated tubing 1470' - surface. Blineby: Seal Assembly in 1 jt. 1 1/4" tubing (32.65'); 123 jts. (4157.43') 2 1/16" OD Tex Tube + 43 jts. 2 1/16" OD internally plastic coated Tex Tube Tubing + 1-13.4' internally plastic coated sub (Total 1475.94' plastic coated tubing). Total 167 jts. (5666') latched into TIM by passpacker at 5672' w/ 6 pts compression. Installed dual wellhead equipment. Recovered load. Blineby: On OFF flowed 608 BOPD + 22 BHPD (based on 57 BOP + 2 BW in 2 1/4 hours) thru 24/64" choke. MLP 480 - 475 psi. Gravity 40.7 deg. API.



**LTR**



**Job separation sheet**

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|                           | GAS |
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| OPERATOR                  |     |

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-128  
Revised 5/1/57

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

LAND OFFICE 000

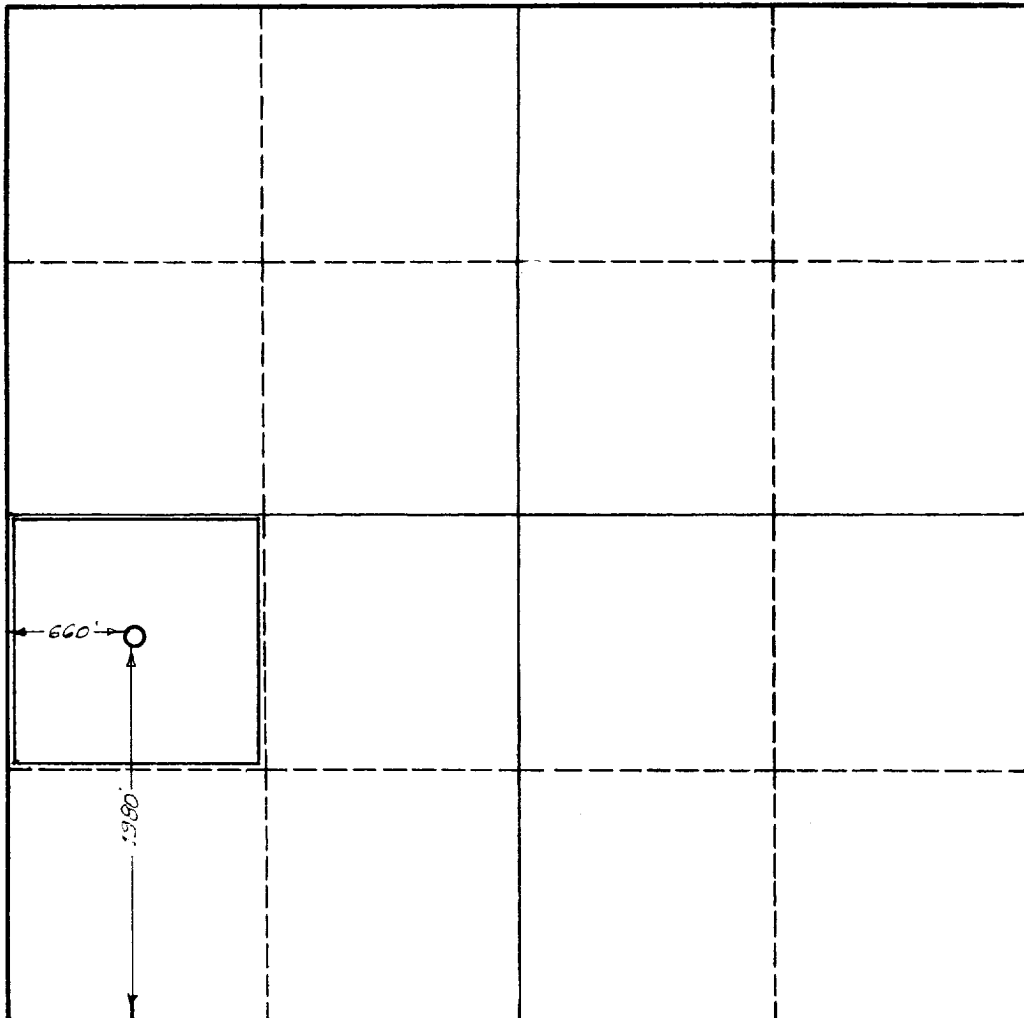
SECTION A

|   |                                       |                              |                                       |                      |                      |
|---|---------------------------------------|------------------------------|---------------------------------------|----------------------|----------------------|
| Operator<br><b>Shell Oil Company</b>  |                                       | Lease<br><b>Argo</b>         |                                       | 1963 JUL 5 AM 8:02   | Well No.<br><b>2</b> |
| Unit Letter<br><b>L</b>   | Section<br><b>15</b>                  | Township<br><b>21S</b>       | Range<br><b>37E</b>                   | County<br><b>Lea</b> |                      |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>south</b> line and <b>660</b> feet from the <b>west</b> line |                                       |                              |                                       |                      |                      |
| Ground Level Elev.<br><b>3442'</b>  | Producing Formation<br><b>Blinbry</b> | Pool<br><b>Blinbry (Oil)</b> | Dedicated Acreage:<br><b>40</b> Acres |                      |                      |

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO  . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES  NO  . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

| Owner | Land Description |
|-------|------------------|
|       |                  |

SECTION B



CERTIFICATION

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

Original Signed By

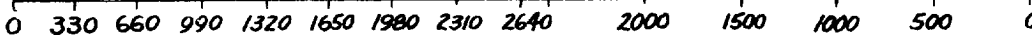
Name **R. A. LOWERY**  
**R. A. Lowery**  
 Position **District Exploitation Engineer**  
 Company **Shell Oil Company**  
 Date **July 2, 1963**

**Dual Completed w/existing Drinkard as per Administrative Order No. MC-1335 dated June 5, 1963.**

I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed \_\_\_\_\_  
 Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_



## INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.