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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

| | | | | | | | |
|--|--|-------------------------|---------------------|---|---------------------|--|--|
| Name of Company Shell Oil Company | | | | Address P. O. Box 1858, Roswell, New Mexico 88201 | | | |
| Lease State CB | Well No. 4 | Unit Letter M | Section 5 | Township 98 | Range 27E | | |
| Date Work Performed 7-14-64 thru 7-15-64 | Pool Beethoven Area - INC (S.A.) | | | County Chaves | | | |

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Spotted the following cement plugs:

2060' - 1900' - 25 sx Incor
 1500' - 1400' - 25 sx Incor
 200' - 100' - 50 sx Incor + 2 sx CaCl₂
 Surface - 10 sx

Erected prescribed marker.
 Well completed P&A July 15, 1964.

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JUL 21 1964

O. O. O.
ARTESIA, OFFICE

| | | |
|--------------------------------------|---------------------------------------|-------------------------------------|
| Witnessed by J. W. Mickson | Position Production Foreman | Company Shell Oil Company |
|--------------------------------------|---------------------------------------|-------------------------------------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

| | | | | |
|------------------------|--------------|---------------------|--------------------|-----------------|
| D F Elev. | T D | P BTD | 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 <i>W. A. Gressett</i> | Name Original Signed By R. J. Doubek |
| Title Division Mechanical Engineer | Position Division Mechanical Engineer |
| Date APR 8 1965 | Company Shell Oil Company |

Santa Fe, New Mexico

| | |
|------------------------------------|----------|
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| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

WELL RECORD

[illegible]

Bus. of mines,

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY.

Shell Oil Company

State "CB"

(Company or Operator)

(Lease)

Well No. 4, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 5, T. 9-S, R. 27-E, NMPM.

~~Beethoven Area~~ *we*

Pool,

Chaves

Country.

Well is 990 feet from south line and 990 feet from west line

of Section 5 If State Land the Oil and Gas Lease No. is K-3693

Drilling Commenced..... July 6 19 64 Drilling was Completed..... July 12 19 64

Name of Drilling Contractor.....Daniels Well Service Company.....

Address.....

2. Elevation above sea level at Top of Tubing Head.....3887' The information given is to be kept confidential until
not confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....

No. 2, from _____ to _____ No. 5, from _____ **RECEIVED**

No. 3, from.....to..... No. 6, from.....to.....

~~RECEIVED~~

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IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from.....to.....feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|-----------|
| 7 5/8" | 24# | New | 30' | | | | Conductor |
| | | | | | | | |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 10 3/4" | 7 5/8" | 38' | 30 | | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Result of Production Stimulation.....

...Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 2060 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing D & A July 14 64, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

| | | |
|-------------------------------|----------------------------------|------------------------|
| T. Anhy. | T. Devonian. | T. Ojo Alamo. |
| T. Salt. | T. Silurian. | T. Kirtland-Fruitland. |
| B. Salt. | T. Montoya. | T. Farmington. |
| T. Yates. 230' (+3667') | T. Simpson. | T. Pictured Cliffs. |
| T. 7 Rivers. | T. McKee. | T. Menefee. |
| T. Queen. 833' (+3064') | T. Ellenburger. | T. Point Lookout. |
| T. Grayburg. | T. Gr. Wash. | T. Mancos. |
| T. San Andres. 1343' (+2554') | T. Granite. | T. Dakota. |
| T. Glorieta. | T. Slaughter Zone 1920' (+1977') | T. Morrison. |
| T. Drinkard. | T. | T. Penn. |
| T. Tubbs. | T. | T. |
| T. Abo. | T. | T. |
| T. Penn. | T. | T. |
| T. Miss. | T. | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|----------------------|---|------|----|----------------------|-----------|
| 0 | 1343 | 1343 | Surface sands, Anhydrite, Red Shale, Salt & Sand | | | | |
| 1343 | 2060 | 717 | Dolomite, Anhydrite w/Salt & Limestone. | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far
as can be determined from available records.

July 20, 1964

Company or Operator. Shell Oil Company

Address. P. O. Box 1858, Roswell, New Mexico 88201

Original Signed By:

V. L. KING

V. L. King

Acting District Exploitation Engineer

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Shell Oil Company ADDRESS P. O. Box 1858, Roswell, New Mexico 88201
FIELD Beethoven Area LEASE State "CB" WELL NO. 4
LOCATION 990' FSL & 990' FWL, Section 5, T-9-S, R-27-E, NMPM Survey, Chaves County, New Mexico

DEVIATION RECORD

1690' = 1/2 deg.

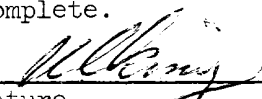
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O. C. C.
ARTESIA, OFFICE

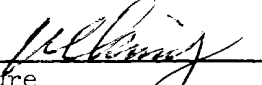
Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

 V. L. King
Signature
Shell Oil Company
Company

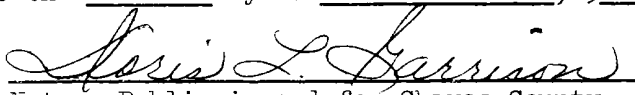
STATE OF NEW MEXICO
COUNTY OF CHAVES

Before me, the undersigned authority, on this day personally appeared V. L. King, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

 V. L. King
Signature
Acting District Exploitation Engineer
Title

Sworn and Subscribed to before me, this the 20th day of July, 19 64

My Commission Expires February 7, 1965


Notary Public in and for Chaves County,
New Mexico

OIL CONSERVATION COMMISSION
APTESIA DISTRICT OFFICE

No. C-6089 B. Filed 3 /

DISTRICTION

CERTIFICATE OF SALE

SUBJECT TO THE ORDER OF THE COURT IN CASE NO. 7 /

PRIORATEY

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U.S.D.C.

No. Co. Jcs. E. dived 3

CONCLUSION

3-11A (2)

200847

3.1.2. *Analysis*

U. S. S. N.