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NEW MEXICO OIL CONSERVATION COMMISSION

JUN 6 1967  
O. C. C.  
ARTESIA OFFICE

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 648

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator DEPCO, INC.	8. Farm or Lease Name State 648
3. Address of Operator Suite 204, First National Bank, Artesia, New Mexico	9. Well No. 223
4. Location of Well UNIT LETTER H, 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 36 TOWNSHIP 18S RANGE 27E NMPM.	10. Field and Pool, or Wildcat Artesia
15. Elevation (Show whether DF, RT, GR, etc.) 3544' GL	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-2-67 - Placed a 25 sx. plug from 2603 to 2703'. Load hole with heavy mud, Placed a 25 sx. plug from 1750 to 1850', a 25 sx. plug from 450 to 550', and a 10 sx. plug at the surface with dry hole marker. Used Class B neat cement. Left 505' 8 5/8", 24# casing in hole.

6-5-67 Filled pits and levelled location.

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

SIGNED Leon Standard TITLE Engineering Assistant DATE June 6, 1967

APPROVED BY [Signature] TITLE [Signature] DATE 6/6/67

CONDITIONS OF APPROVAL, IF ANY:

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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. <b>648</b>	

*Bar. of mines 1*

*JUNE 6 1967*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name
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 <input type="checkbox"/>		8. Farm or Lease Name <b>State 648</b>
2. Name of Operator <b>DEPCO, Inc.</b>		9. Well No. <b>223</b>
3. Address of Operator <b>Suite 204, First National Bank, Artesia, New Mexico</b>		10. Field and Pool, or Wildcat <b>Artesia</b>

4. Location of Well UNIT LETTER <b>H</b> LOCATED <b>1980</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM		12. County <b>Eddy</b>
THE <b>East</b> LINE OF SEC. <b>36</b> TWP. <b>18S</b> RGE. <b>27E</b> NMPM		

15. Date Spudded <b>5-19-67</b>	16. Date T.D. Reached <b>5-25-67</b>	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.) <b>3544' GL</b>	19. Elev. Casinghead <b>3541'</b>
20. Total Depth <b>2703'</b>	21. Plug Back T.D. <b>2703' GL</b>	22. If Multiple Compl., How Many	23. Intervals Drilled By <b>Rotary Tools</b>	Cable Tools
24. Producing Interval(s), of this completion — Top, Bottom, Name <b>None</b>				25. Was Directional Survey Made <b>No</b>

26. Type Electric and Other Logs Run <b>Gamma Ray, Density, Sonic, Neutron, Laterolog, and Microlaterolog</b>	27. Was Well Cored <b>Yes</b>
--	----------------------------------

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8"</b>	<b>24#</b>	<b>505</b>	<b>11</b>	<b>200 sx.</b>	<b>None</b>

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) <b>None</b>	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<b>Surface</b>	<b>10 sx. cement plug</b>
	<b>450 to 550'</b>	<b>25 sx. cement plug</b>
	<b>1750 to 1850</b>	<b>25 sx. cement plug</b>

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping — Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)	

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

35. List of Attachments <b>Deviations &amp; Electrical Logs</b>
--

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 <i>Leon Standaert</i>	TITLE <b>Engineering Assistant</b>	DATE <b>June 6, 1967</b>

# 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 _____	T. Canyon _____	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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <b>1364</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <b>1714</b>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <b>2076</b>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	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	210	210	Red Bed				
210	470	260	Anhy				
470	515	45	Anhy & Redbed				
515	717	202	Redbed Anhy				
717	1132	415	Redbed Anhy				
1132	1530	398	Anhy				
1530	1791	261	Anhy				
1791	1996	205	Dolo				
1996	2110	114	Dolo				
2110	2295	185	Dolo				
2295	2618	323	Dolo				
2618	2623	5	Dolo (Cored)				
2623	2626	3	Dolo				
2626	2656	30	Dolo				
2656	2661	5	Dolo & Anhy (cored)				
2661	2703	42	Dolo				

*Copy to J.F.*

✓  
DEPCO, INC.  
Suite 204, First National Bank Bldg.  
Artesia, New Mexico

Deviation Tests

State 648 Lease, Well No. 223 Unit Letter H, Section 36  
T. 18 S., R. 27 E.  
Artesia Pool Eddy County, New Mexico  
Elevation 3544' GL Total Depth 2703 GL Measurements

<u>DEPTH</u>	<u>DEVIATION</u>
515'	1/2°
1045'	1/4°
1572'	1/4°
2400'	3/4°

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

*Leon Standard* 6-6-67  
Signature Date

Engineering Assistant - DEPCO, Inc.  
Title

Subscribed and Sworn to before me on this the 6th of June, 1967

*Janet Moore* Notary Public in and for Eddy County, New Mexico.

My Commission Expires: 3-23-71.

RECORDED

JUN 6 1967

C. B. C.  
ARTESIA OFFICE

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C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>

5. State Oil & Gas Lease No.

648

## SUNDRY NOTICES AND REPORTS ON WELLS

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3. Address of Operator Suite 204, First National Bank, Artesia, New Mexico 38210	9. Well No. 223
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15. Elevation (Show whether DF, RT, GR, etc.) 3544 GL	12. County Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
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PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5-25-67 - Total Depth: 2703'

5-26-67 - Ran Gamma Ray, Density, Sonic, Neutron, Laterolog, and Micro-Latero Log. Sidewall cored from 2618 to 2623' and 2656 to 2661'. Filled up around casing to surface with 2 yards of cement.

It is intended to plug and abandon this well by placing a 22 sx. plug from 2703' to 2693', a 22 sx. plug from 1750' to 1850', a 23 sx. plug from 450' to 550' and a 10 sx. plug at the surface with a dry hole marker. Heavy mud used between plug.

RECEIVED

MAY 21 1967

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

SIGNED Leon Standard TITLE Assistant Engineer DATE May 20, 1967

APPROVED BY W. A. Grasset TITLE Oil and Gas Engineer DATE MAY 21 1967

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17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5-19-67 Spudded at 12:15 P.M. with 11" hole, Set 8 5/8", J-55, 24# casing at 512'.  
Cemented with 200 sx. (306 cu. ft.) class B cement, 150 sx. with 4% gel and  
2% CaCl<sub>2</sub> plus 50 sx. class B with 2% CaCl<sub>2</sub>. WOC 18 hr.  
Casing tested to 1000 psi for 30 minutes with a drop of 60 psi.  
Top of Cement is 140' below surface - filled w/ 2 yds. ready-mix on 5-26-67  
to be cemented to surface when well is comp.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED <u>Leon Stachan</u>	TITLE <u>Engineering Assistant</u>	DATE <u>May 24, 1967</u>
APPROVED BY <u>W.A. Gressett</u>	TITLE <u>Chief Engineer</u>	DATE <u>May 24, 1967</u>
CONDITIONS OF APPROVAL, IF ANY:		