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Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT

AUG 29 1974

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> <b>O. C. C. ARTESIA, OFFICE</b>		7. Unit Agreement Name	
1b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DUFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name <b>Halderman "DA" Com</b>	
2. Name of Operator <b>Yates Petroleum Corporation</b>		9. Well No. <b>1</b>	
3. Address of Operator <b>207 South 4th Street-Artesia, NM 88210</b>		10. Field and Pool, or Wildcat <b>Wildcat</b>	
4. Location of Well UNIT LETTER <b>N</b> LOCATED <b>2040</b> FEET FROM THE <b>West</b> LINE AND <b>660</b> FEET FROM		11. County <b>Eddy</b>	
T1/4 <b>South</b> LINE OF SEC. <b>3</b> TWP. <b>17S</b> RGE. <b>26E</b> NMPM			
15. Date Spun <b>12-28-73</b>	16. Date T.D. Reached <b>1-20-74</b>	17. Date Compl. (Ready to Prod.) <b>Dry P+H</b>	18. Elevations (DF, RKB, RT, GR, etc.) <b>3334' GR</b>
19. Elev. Casinghead			
20. Total Depth <b>8420</b>	21. Plug Back T.D. <b>2150</b>	22. If Multiple Compl., How Many	23. Intervals Drilled By <b>0-8420</b>
24. Producing Interval(s), of this completion - Top, Bottom, Name <b>Dry</b>			25. Was Directional Survey Made <b>No</b>
26. Type Electric and Other Logs Run <b>Compensated Neutron Formation Density Dual Laterolog</b>			27. Was Well Cored <b>No</b>
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
<b>13-3/8"</b>	<b>48#</b>	<b>354'</b>	<b>17 1/2"</b>
<b>8-5/8"</b>	<b>24#</b>	<b>1355'</b>	<b>12 1/4"</b>
<b>7"</b>	<b>20#</b>	<b>1204'</b>	<b>1808' 7-7/8"</b>
<b>5 1/2"</b>	<b>15.5#</b>	<b>604'</b>	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
31. Perforation Record (Interval, size and number) <b>1406-1420, 1500-1519, 1577-1591, 1652-54, 1664-66, 1687-89 - w/30 0.42" Jet shots.</b>		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL <b>1406-1689</b> AMOUNT AND KIND MATERIAL USED <b>6000g RA &amp; 65000# 20-40 sd and 80000g 2% KCL</b>	
33. PRODUCTION Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) <b>Dry</b>			
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.
34. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Deviation Survey &amp; DST's</b>		Test Witnessed By <i>per 1-3-75</i>	
35. List of Attachments			
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>Eddie M. Halderman</i> TITLE <b>Engineer</b> DATE <b>8-28-74</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 <u>7246</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>7564</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>7982</u>	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 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>969</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellénburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4344</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>5490</u>	T. Morrow Clastics <u>8152</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Chester <u>8211</u>	T. Permian _____	T. _____
T. Cisco (Bough CV) <u>6443</u>	T. Miss ls <u>8310</u>	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	354	354	Surface gravel				
354	650	296	Red bed				
650	1327	677	Red bed & dolomite				
1327	1440	113	Dolomite				
1440	4144	2704	Lime				
4144	8420	4276	Lime and shale				

DRILL STEM TEST

YATES PETROLEUM CORPORATION  
HALDERMAN "DA" #1 - Sec. 3-17S-26E,  
Eddy County, New Mexico

DST No. 1 - 7774'7620' (154') -

TO 20"; SI 80"; TO 60"; SI 150". Tool opened for a 20 minute first flow with a weak blow. No surface pressure. Closed tool for 80 minutes first closed in pressure. Had very little increase in blow during this time. Tool reopened with a weak blow. Closed tool for 150 minute second closed in pressure with blow decreasing. Pulled tool loose and came out of hole.

Recovered: - 335' slightly gas cut mud.

Pressures: HP 3510-3467; IF 65-109; FF 109-152; ISIP 282; FSIP 282.

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR ates Petroleum Corp. ADDRESS 207 South 4th St. Artesia, New Mexico 88210  
 FIELD \_\_\_\_\_ LEASE Halderman "DA" WELL NO. 1  
 LOCATION SW/4 Section 3, T-17-S, R-26-E

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES</u>
354	1/4
850	1-1/2
1383	2
1880	2-1/2
2080	2-3/4
2280	2-3/4
2570	2-1/4
2746	2
3240	2-1/4
3740	2
4254	1-3/4
4592	1-1/2
5096	1-1/2
5597	1-1/2
6056	1
6621	1-1/4
7083	1
7594	1
7679	1-3/4
7774	1-3/4
8420	2-1/2

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.

J.E.R. Sheeler  
 Signature  
 Ard Drilling Company  
 Company

STATE OF TEXAS  
 COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared J.E.R. Sheeler, 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.

J.E.R. Sheeler  
 Signature  
 Manager - Ard Drilling Company  
 Title

Sworn and Subscribed to before me, this the 29th day of January, 1974

Betty Thompson  
 Notary Public in and for Midland County,  
 Texas.

My Commission Expires:

June 1, 1975

DATE OF NOTICE RECEIVED	3
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# RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

MAR - 8 1974

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 type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Haldeman "DA"	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Wildcat	
12. County	
Eddy	

## 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 <input checked="" type="checkbox"/> WELL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator
Yates Petroleum Corporation	
3. Address of Operator	
207 South 4th Street - Artesia, NM 88210	
4. Location of Well	
UNIT LETTER <u>N</u> <u>2040</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM	
THE <u>South</u> LINE, SECTION <u>3</u> TOWNSHIP <u>17S</u> RANGE <u>26E</u> NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	
3334' GR	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

### SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Run Prod. Csg, Perf & Sand Frac

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.

TD 8420'; PBTD 1808'. Rigged up completion unit and ran 604' 5½" 15.5# and 1204' of 7" 23# casing (1808') w/guide shoe and centralizers at 1778, 1686, 1594, 1502 and 1410'. Cemented w/180 sacks neat 2% CaCl set at 1808'. WOC. Tested casing w/500# - tested OK. Perforated as follows: W/30 .42" Jets - 1688½, 1687, 1665½, 1664½, 1665, 1653½, 1652, 1590½, 1589, 1587½, 1586, 1583, 1579, 1578, 1577, 1519, 1517½, 1511, 1509½, 1503, 1502, 1500½, 1420½, 1419, 1418, 1417, 1413½, 1412½, 1407½, & 1406'. Sand Frac'd perforations w/6000 gallons acid, 80000 gallons KCl water and 65000# 20-40 sand.

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

SIGNED E. A. Haldeman TITLE Engineer DATE 3-7-74

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE MAR 11 1974

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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 28 1974

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 type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Halderman "DA" Com.
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Eddy

**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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER-
2. Name of Operator Yates Petroleum Corporation
3. Address of Operator 207 South 4th Street-Artesia, NM 88210
4. Location of Well UNIT LETTER <u>N</u> <u>2040</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>3</u> TOWNSHIP <u>17S</u> RANGE <u>26E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3334' GR

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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <u>Plug back</u> <input checked="" type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	ALTERING CASING <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.

1-22-74 - TD 8420'; PBTD 2150'.

Verbal permission was given by Mr. Bill Gressett with NMOCC  
To plug back well as follows:

8200-8100 - 35 sx  
7600-7500 - 35 sx  
6100-6000 - 35 sx  
4400-4300 - 35 sx  
2250-2150 - 35 sx

Heavy mud between each plug. Job complete 7:00 PM 1-22-74.

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

SIGNED Eddie Halderman TITLE Engineer DATE 1-25-74  
APPROVED BY W. H. Gressett TITLE OIL AND GAS INSPECTOR DATE JAN 28 1974  
CONDITIONS OF APPROVAL, IF ANY:

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# NEW MEXICO OIL CONSERVATION COMMISSION RECEIVED

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

JAN 8 1974

O.C.C.

## 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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation		5. State Oil & Gas Lease No.
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>N</u> <u>2040</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE, SECTION <u>3</u> TOWNSHIP <u>17S</u> RANGE <u>26E</u> NMPM.		8. Farm or Lease Name Halderman "DA" Com.
		9. Well No. 1
		10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3334' GR		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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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.

12-28-73 - Spudded 17½" hole at 9:00 AM 12-28-73.  
TD 354' - Ran 9 jts of 13-3/8" 48# H-40 casing (355') set at 354' KB. Cemented w/225 sx of Incor Neat 4% CaCl. PD 8:00 PM 12-28-73. Circulated but cement dropped down hole. Filled hole w/5 yards of Ready-mix. WOC 30 hrs. drilled out cement and reduced hole to 12¼" and resumed drilling.  
TD 1357' - Ran 32 jts 8-5/8" 24#, J-55 casing (1336') set at 1355', 1-Tex. Pattern Shoe, centralizers at 763, 1215', baskets at 723'. Cemented w/350 sx of Incor mix (6% Gilsonite, 1/4# flocele) 2% CaCl, 300 sx Incor Neat 2% CaCl. PD 8:40 AM 12-31-73. WOC 5½ hrs. Ran Temp. Survey, top of cement at 260'. Filled hole w/4-3/4 yards of pea gravel. WOC 18 hrs. Installed BOP's and pressure tested to 1000#. OK. Pressured up on formation to 500#. OK. Drilled cement plug and reduced hole to 7-7/8" and resumed drilling. Total sx of cement used 650 sacks.

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

SIGNED Eddie M. Halderman TITLE Engineer DATE 1-7-74  
APPROVED BY W.A. Gressett TITLE Oil and Gas Inspector DATE JAN 8 1974  
CONDITIONS OF APPROVAL, IF ANY: