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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

JUL 24 1978

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. |
| N/A |

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 | 8. Farm or Lease Name |
| Houston Oil & Minerals Corp. ✓ | J. M. Lewelling |
| 3. Address of Operator | 9. Well No. |
| 242 Main Bldg, 1212 Main Street, Houston, TX 77002 | #1 |
| 4. Location of Well | 10. Field and Pool, or Wildcat |
| UNIT LETTER <u>D</u> 660 FEET FROM THE <u>NL</u> LINE AND 660' FEET FROM | Lewelling Wildcat |
| THE <u>WL</u> LINE, SECTION <u>12</u> TOWNSHIP <u>12.S</u> RANGE <u>9E</u> NMPM. | |
| 15. Elevation (Show whether DF, RT, GR, etc.) | 12. County |
| 4706' G.L. | Otero |

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 checked="" 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 type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOBS <input type="checkbox"/> | OTHER <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.

P&A expected to begin August 21, 1978.

1. Use Baker MOD "D". Permanent Packer with plug, set at 8550'.
- * Put 30' cement plug over packer to plug 8572' zone.
2. Load hole with 9.5 # mud.
3. Spot 25 sack cement plug at 7912'
4. Spot 25 sack cement plug at 5140'.
5. Cut 5 1/2" casing as deep as possible. Spot 50' cement plug inside and 50' above casing stub with 30 sacks.
- * 6. Spot cement plug 50' below and 50' into 9 5/8" casing with ³⁵30 sacks at 2441' to 2541'.
- * 7. Spot 20' cement plug at surface with ¹⁰8 sacks.
8. Place marker and level and clear location.

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

SIGNED R. F. Baker R. F. Baker TITLE Engineer DATE 7/18/78

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JUL 28 1978

CONDITIONS OF APPROVAL, IF ANY:

* as noted above

Plugging

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

NEW MEXICO OIL CONSERVATION COMMISSION

C. O. C.
ARTESIA, OFFICE

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| LAND OFFICE | |
| OPERATOR | |

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.
N/A

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 type="checkbox"/> OTHER- Shut In | 7. Unit Agreement Name N/A |
| 2. Name of Operator Houston Oil & Minerals Corporation | 8. Farm or Lease Name J. M. Lewelling |
| 3. Address of Operator 242 Main Bldg. 1212 Main Street, Houston, Texas 77002 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER D 660 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE, SECTION 12 TOWNSHIP 12 S RANGE 9 E NMPM. | 10. Field and Pool, or Wildcat Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4706 GR. | 12. County Otero |

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER Request for temporary abandonment status ☒

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.

This well is a non-commercial gas completion. All necessary forms have been filed with the commission showing test data for this well. Well has been shut in since 7-21-74 pending drilling activity in this area.

We respectfully request a year's extension of temporary abandonment status for this well.

Your assistance in this matter is greatly appreciated.



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

SIGNED Malcolm R. Linn TITLE Prod. Acctg. Supervisor DATE 5-24-76

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 8 1976

CONDITIONS OF APPROVAL, IF ANY: Expires 12-8-76

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NEW MEXICO OIL CONSERVATION COMMISSION

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

JAN 23 1976

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 type="checkbox"/> OTHER- Shut In | 5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 2. Name of Operator Houston Oil & Minerals Corporation | 5. State Oil & Gas Lease No. N/A |
| 3. Address of Operator 242 Main Bldg., 1212 Main Street, Houston, Texas 77002 | 7. Unit Agreement Name N/A |
| 4. Location of Well UNIT LETTER D 660 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE, SECTION 12 TOWNSHIP 12 S RANGE 9 E NMPM. | 8. Farm or Lease Name J.M. Lewelling |
| | 9. Well No. 1 |
| | 10. Field and Pool, or Wildcat Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4706 | 12. County Otero |

16.

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NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐ Perforate & Test

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.

7-9-74 Tested perforations 8000-8016'. Test: 138 MCF/D, No oil or water. Well flowed with 22# TP on a 25/64" choke. Loaded up & died.

7-12-74 Set BP @ 5713'.

7-13-74 Squeezed thru perfs. 5128-5130' with 400 sx. clear H w/ Halad 22. 2000 # squeeze pressure.

7-15-74 Perforated 2 - .38" holes per ft. at 5140'- 5170'. Acidized w/4500 gal. 7-1/2% MS Acid.

7-15-74 to
7-20-74 Swabbed & Flowed well.

7-21-74 Well unloaded and flowed dry gas @ a rate 168 MCF/D on a 25/64" choke with flowing tubing pressure of 30#.

Well shut in pending further drilling activity in the area.

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

SIGNED Michael R. San

TITLE Production Accounting Supv.

DATE January 22, 1976

APPROVED BY W. A. Gressett

TITLE SUPERVISOR, DISTRICT II

DATE JAN 29 1976

CONDITIONS OF APPROVAL, IF ANY:

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-12
(1-1-71)

| | | |
|--|--|---|
| INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.) | | 6. RRC District - |
| 1. FIELD NAME (as per RRC Records or Wildcat) Wildcat | | 7. RRC Lease Number. (Oil completions only) - |
| 2. LEASE NAME J. M. Lewelling | | 8. Well Number 1 |
| 3. OPERATOR Houston Oil & Minerals Corporation | | 9. RRC Identification Number (Gas completions only) - |
| 4. ADDRESS 242 Main Bldg., 1212 Main St., Houston, Texas 77002 | | 10. County Otero |
| 5. LOCATION (Section, Block, and Survey) Sec. 12, TWP 12S, RGE 9 | | |

RECORD OF INCLINATION

| *11. Measured Depth (feet) | 12. Course Length (Hundreds of feet) | *13. Angle of Inclination (Degrees) | 14. Displacement per Hundred Feet (Sine of Angle X100) | 15. Course Displacement (feet) | 16. Accumulative Displacement (feet) |
|-------------------------------|---|---|--|-----------------------------------|---|
| 250 | 2.50 | 3/4 | 1.31 | 3.28 | 3.28 |
| 421 | 1.71 | 1 | 1.75 | 2.99 | 6.27 |
| 564 | 1.43 | 1-1/4 | 2.18 | 3.12 | 9.39 |
| 811 | 2.47 | 2 | 3.49 | 8.62 | 18.01 |
| 881 | .70 | 1-1/2 | 2.62 | 1.83 | 19.84 |
| 977 | .96 | 2 | 3.49 | 3.35 | 23.19 |
| 1303 | 3.26 | 1-1/4 | 2.18 | 7.11 | 30.30 |
| 1505 | 2.02 | 2 | 3.49 | 7.05 | 37.35 |
| 1724 | 2.19 | 1 | 1.75 | 3.83 | 41.18 |
| 1927 | 2.03 | 1/2 | .87 | 1.77 | 42.95 |
| 2253 | 3.26 | 0 | - | - | 42.95 |
| 2485 | 2.32 | 2 | 3.49 | 8.10 | 51.05 |
| 3025 | 5.40 | 5-1/2 | 9.59 | 51.79 | 102.84 |
| 3124 | .99 | 6-1/2 | 11.32 | 11.21 | 114.05 |
| 3219 | .95 | 6-1/2 | 11.32 | 10.75 | 124.80 |
| 3345 | 1.26 | 5-1/2 | 9.59 | 12.08 | 136.88 |

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 9358 feet = 419.34 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☐ Drill Pipe
20. Distance from surface location of well to the nearest lease line 660 feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

| | |
|--|---|
| <p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>William M. Hazard</i> _____ Signature of Authorized Representative William M. Hazard _____ Name of Person and Title (type or print) Houston Oil & Minerals Corporation _____ Name of Company Telephone: <u>713</u> <u>236-1212</u> Area Code</p> | <p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p><i>Marshall R. Lawrence</i> _____ Signature of Authorized Representative Marshall R. Lawrence _____ Name of Person and Title (type or print) Houston Oil & Minerals Corporation _____ Name of Company Operator Telephone: <u>713</u> <u>236-1212</u> Area Code</p> |
|--|---|

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

NEW MEXICO OIL CONSERVATION COMMISSION V E D

SEP - 3 1971

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| OPERATOR | 1 |

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

SUNDRY NOTICES AND REPORTS ON WELLS ARTESIA, OFFICE
(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 type="checkbox"/> OTHER <input type="checkbox"/> Shut In | 7. Unit Agreement Name N/A |
| 2. Name of Operator Houston Oil and Minerals Corp. | 8. Farm or Lease Name J. M. Lewelling |
| 3. Address of Operator 242 Main Bldg. 1212 Main Street Houston, Texas 77002 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER D 660 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE, SECTION 12 TOWNSHIP 12S RANGE 9E NMPM. | 10. Field and Pool, or Wildcat Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4706 | 12. County Otero |

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 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 type="checkbox"/> | OTHER <input checked="" type="checkbox"/> Perforate and Treat |

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.

- 6-8-74 Perforate 0.38 holes @ 8572, 73, 74, 76, 78, 80, 88, 92, 94, 96, 97, & 98.
Ran Baker Model D Pkr. set @ 8550'
- 6-9-74 Acidized w/1500 gals. 7-1/2% MS Acid w/1000 SCF N₂/bbl.
- 6-11-74 Acidized w/2500 gals. 7-1/2% MS Acid w/1000 SCF N₂/bbl.
- 6-20-74 Fraced w/16,000 gals. MS Gel, 8,000 gals CO₂ w/25,000 #20-40 sand
- 6-27-74 Set Baker FL on-off sealing connector on seal assembly bull plugged in Baker Model D pkr. @ 8550', Ran Tbg. set Baker Model R double Grip packer @ 7988'
- 6-28-74 Perforate 0.25" holes 8000'-8016' 2SPF Acidized w/2700 Gals. 5% MS Acid
- 7-1-74 Fraced w/16,000 gals. MS Gel, 8000 gal. CO₂w/25,000# 20-40 sand

This well is Shut In, additional drilling is planned in the area of this well to evaluate.

No Production Tests have been performed on this well.

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

| | | |
|-----------------------------------|--|-------------------------|
| SIGNED <u>R. H. Steffler</u> | TITLE <u>Production Division Manager</u> | DATE <u>8-28-74</u> |
| APPROVED BY <u>W. A. Gressett</u> | TITLE <u>SUPERVISOR, DISTRICT II</u> | DATE <u>JAN 29 1976</u> |
| CONDITIONS OF APPROVAL, IF ANY: | | |

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| OPERATOR | 3 |

NEW MEXICO OIL CONSERVATION COMMISSION

JUN 10 1974

C. C. C.

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

| | | |
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| SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small> | | 5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| | | 5. State Oil & Gas Lease No. N/A |
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Wildcat | 7. Unit Agreement Name N/A | |
| 2. Name of Operator Houston Oil & Minerals Corp. | 8. Farm or Lease Name J. M. Lewelling | |
| 3. Address of Operator 242 Main Bldg., 1212 Main St., Houston, Texas 77002 | 9. Well No. 1 | |
| 4. Location of Well UNIT LETTER <u>D</u> , <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>North</u> LINE, SECTION <u>12</u> TOWNSHIP <u>12S</u> RANGE <u>9E</u> NMPM. | 10. Field and Pool, or Wildcat Wildcat | |
| 15. Elevation (Show whether DF, RT, GR, etc.) 4706' | | 12. County Otero |

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOB ☒

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

OTHER ☐

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 9358
 RU Halliburton to spot cement plug. Mixed 75 sx. Class H + 5% CFR-2 + 5# KCL/sx. Displaced cement with 124 bbls. mud. Plug spotted 8700-8900'. WOC 12 hrs. 6-4-74.

RU to run 5½" casing. Ran 265 jts. 5½" O.D. casing to 8705'. Circ. hole with casing @ 8705'. Mixed and displaced 1400 sx Type H cement with 1½% CFR-2 + 5# KCL/sx. Pumped 198 bbls 5% KCL water with More-flow additive. Bumped plug with 2600 PSI. Plug holding O.K. Removed BOP's and hung casing on slips with 120,000# load on braden head. Cut off casing, installed tubing head. Tested to 3800 PSI. O.K.

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

SIGNED William M. Hazard

TITLE Drilling Div. Manager

DATE 6-6-74

APPROVED BY W. A. Gussert

TITLE OIL AND GAS INSPECTOR

DATE JUN 10 1974

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 NEW MEXICO OIL CONSERVATION COMMISSION
 APR 8 1974
 O. C. C.
 ARTESIA, OFFICE

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

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

SUNDRY NOTICES AND REPORTS ON WELLS
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 USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
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| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Wildcat | 7. Unit Agreement Name NA |
| 2. Name of Operator Houston Oil & Minerals Corp. | 8. Farm or Lease Name J. M. Lewelling |
| 3. Address of Operator 242 Main Building, 1212 Main St., Houston, Texas 77002 | 9. Well No. 1 |
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| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input 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"/> | OTHER <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.

59 jts. 9-5/8" 40.5#/ft. K-55 ST&C casing landed @ 2491'.

Circ. and cemented by Halliburton Services as follows:

Mixed 620 sx Halliburton Light Weight modified with 1/4# Flowcele + 5# Gilsonite + 2% CaCl per sx. Slurry wt. 14.2#/gal. Maintained full circulation during entire operation. @ approximately 51 bbls. or 170 sx cement to surface. Plug on bottom @ 9:30 A.M. 3-31-74. Tested plug to 1900 PSI. WOC 6½ hrs. Total time before drilling out 41½ hrs. after plug bumped down.

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

SIGNED J. L. Stewart TITLE Manager, Drilling Operations DATE April 3, 1974

APPROVED BY W. P. Gressett TITLE OIL AND GAS INSPECTOR DATE APR 8 1974

CONDITIONS OF APPROVAL, IF ANY:

| | |
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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 1974

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

O.C.C.
ARTESIA, OFFICE

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

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| 1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Wildcat | 7. Unit Agreement Name |
| 2. Name of Operator | NA |
| Houston Oil & Minerals Corp. | 8. Farm or Lease Name |
| 3. Address of Operator | J. M. Lewelling |
| 242 Main Bldg., 1212 Main St., Houston, Texas 77002 | 9. Well No. |
| | 1 |
| 4. Location of Well | 10. Field and Pool, or Wildcat |
| UNIT LETTER D 660 FEET FROM THE West LINE AND 660 FEET FROM | Wildcat |
| THE North LINE, SECTION 12 TOWNSHIP 12S RANGE 9E NMPM. | |
| 15. Elevation (Show whether DF, RT, GR, etc.) | 12. County |
| 4706' | Otero |

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 type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOBS <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.

RU. and ran 10 jts. 13-3/8" K-55 54½# casing. Set @ 420'. Cemented with 90 sx. Halliburton Light weight + 1/4# flow-seal per sx. + 5# Gilsomite/sx. Tailed in with 200 sx. Class C + 2% CaCl. Plug on bottom @ 8:30 A.M. 3-20-74. Tested casing and braden head to 600#. Test O.K.

WOC for 6 hrs. Cement was circulated to surface.

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

| | | |
|---------------------------------|-------------------------------------|------------------------|
| SIGNED <u>William M. Hazard</u> | TITLE <u>Drilling Div. Engineer</u> | DATE <u>3-22-74</u> |
| APPROVED BY <u>W. M. Hazard</u> | TITLE <u>OIL AND GAS INSPECTOR</u> | DATE <u>APR 8 1974</u> |
| CONDITIONS OF APPROVAL, IF ANY: | | |

| | |
|------------------------|-----|
| NO. OF COPIES RECEIVED | 3 |
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| SANTA FE | 1 ✓ |
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| LAND OFFICE | |
| OPERATOR | 1 |

RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

MAR 22 1974

O. C. C.
ARTESIA, NEW MEXICO

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. | |
| N.A. | |

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 type="checkbox"/> OTHER- Wildcat | 7. Unit Agreement Name |
| 2. Name of Operator | N.A. |
| Houston Oil & Minerals Corp. | 8. Farm or Lease Name |
| 3. Address of Operator | J. M. Lewelling |
| 1212 Main St., 242 Main Bldg., Houston, Texas 77002 | 9. Well No. |
| 4. Location of Well | 1 |
| UNIT LETTER <u>D</u> <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM | 10. Field and Pool, or Wildcat |
| THE <u>North</u> LINE, SECTION <u>12</u> TOWNSHIP <u>12S</u> , RANGE <u>9E</u> NMPM. | Wildcat |
| 15. Elevation (Show whether DF, RT, GR, etc.) | 12. County |
| 4706 | Otero |

| | |
|--|---|
| 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 checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | CASING TEST AND CEMENT JOBS <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 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.

Spudded well @ 6:00 P.M. on March 17, 1974

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

SIGNED J. L. Stewart TITLE Manager, Drilling Operations DATE 3-19-74

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE MAR 22 1974

CONDITIONS OF APPROVAL, IF ANY:

| | |
|------------------------|---|
| NO. OF COPIES RECEIVED | 5 |
| DISTRIBUTION | |
| SANTA FE | 1 |
| FILE | 1 |
| U.S.D.S. | 2 |
| LAND OFFICE | |
| OPERATOR | 1 |

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

MAR 14 1974

U.S.D.

30-030-70 010

Form C-101
Revised 1-4-65

| | |
|--------------------------------|---|
| 5A. Indicate Type of Lease | |
| STATE <input type="checkbox"/> | FED <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. | |
| N.A. | |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|---|-------------------------------|--------------------------------|----------------------------------|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | N.A. | |
| b. Type of Well | | 8. Form or Lease Name | |
| OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat <input checked="" type="checkbox"/> | | J. M. Lewelling | |
| 2. Name of Operator | | 9. Well No. | |
| Houston Oil & Minerals Corp. | | 1 | |
| 3. Address of Operator | | 10. Field and Pool, or Wildcat | |
| 242 Main Bldg., 1212 Main St., Houston, Texas | | Wildcat | |
| 4. Location of Well | | 12. County | |
| UNIT LETTER N.A. LOCATED 660 FEET FROM THE West LINE | | Otero | |
| AND 660 FEET FROM THE North LINE OF SEC. 12 TWP. 12 S RGE. 9E NMRM | | | |
| 13. Proposed Depth | | 19A. Formation | 20. Rotary or C.T. |
| 8500 | | Unknown | Rotary |
| 21. Elevations (Show whether DP, RF, etc.) | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor | 22. Approx. Date Work will start |
| 4706 | Blanket (10,000) | Loffland | 2-28-74 |

23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17 | 13-3/8 | 54.50 | 400' | 225 | Surface |
| 12 1/2 | 9-5/8 | 36 | 2500' | 700 | Surface |

- 2 - Series 900 QRC or equivalent
- 1 - Series 900 Hydril

Test preventers to 3000 psi when installed and at least each week.
Preventers to be operated a minimum of once each 24 hrs.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED

EXPIRES 2-14-74

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW P
TYPE LOGS, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed J.R. Howard Title Manager, Drilling Operations Date 2-26-74

(This space for State Use)

APPROVED BY W.A. Grasset TITLE OIL AND GAS INSPECTOR DATE MAR 14 1974

COPIES OF APPROVAL, IF ANY, 10-76-74 using

**MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

| | | | | | |
|--|---------------------------------------|-----------------------------|---------------------------------|---------------------------------------|----------------------|
| Operator Houston Oil & Minerals Corp. | | | Lease J. M. Lewelling | | Well No. 1 |
| Unit Letter | Section 12 | Township 12 South | Range 9 East | County Otero | |
| Actual Footage Location of Well: 560 feet from the West line and 660 feet from the North line | | | | | |
| Ground Level Elev. 4706 | Producing Formation Wildcat | | Pool Wildcat | Dedicated Acreage: 40 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

Name
J. R. Stewart, Jr.
Position
Mgr. Drilling Operations
Company
Houston Oil & Minerals Co.
Date
February 22, 1974

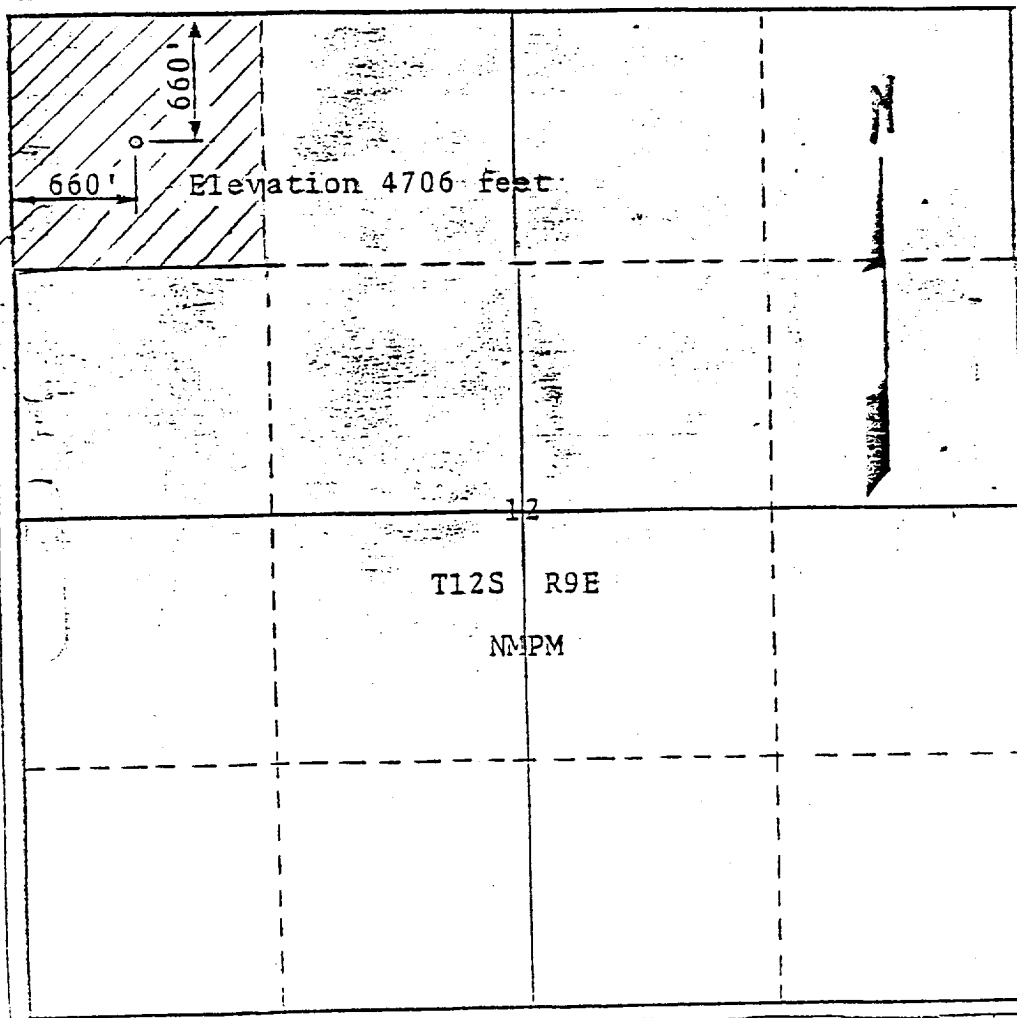
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
January 30, 1974

Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No.

1359 New Mexico



ORTEO

HOUSTON OIL & MINERALS CORP.

Wildcat

1 Lewelling, J. M.
Sec 12, T12S, R9E

NM

Page #2

4-29-74

Drlg 6921'

5-6-74

TD 8020'; On DST

DST (Pennsylvanian 7821-7930', Unable to get to bottom

DST (Pennsylvanian) 7821-7930', open 55 mins, rec 673' sli GCM, 1 hr ISIP 907#, FP 770-569#, 2 hr FSIP 631#, HP 4070-4088#, BHT 160 deg (Tool Plugging)

5-13-74

TD 8600'; On DST

DST (Pennsylvanian) 7996-8020', open 1 hr, rec 311' sli GCM, 1 hr ISIP 3363#, FP 427-275#, 2 hr FSIP 2016#, HP 4135-4135#, BHT 175 deg

8-1-6

NM

5-20-74

Drlg 9035'

DST (Pennsylvanian) 8565-8600', open 50 mins, Tool Plugged

DST (Pennsylvanian) 8566-8600', open 50 mins, Tool Plugged

Cored (Pennsylvanian) 8600-04', rec 1 1/2' sd

DST (Pennsylvanian) 8573-8624', open 50 mins, rec 35' DM, 1 hr ISIP 275#, FP 43-46#, 2 hr FSIP 491#, HP 4566-4540#, BHT 199 deg

5-28-74

Drlg "Tight"

6-25-74

TD 9360'; "Tight"

8-1-6

NM

| | | | | | | | | | |
|-------------|--|------------|--|----------------|--|-------|--|-----------|--|
| SPD 3-18-74 | | CSP 8-2-76 | | WF | | FIN | | WF | |
| CSG | | | | WELL CLASS: | | WET | | | |
| | | | | FORMATION | | DATUM | | FORMATION | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | TD9360' (BLSS) | | PBD | | 5713' | |

TEMPORARILY ABANDONED

CONTR Loffland Bros. OPW'S ELEV 4706' GL, 4723' KB^o 8500' RT

F.R. 3-25-74
3-25-74 Drlg 1757'
4-1-74 TD 2485'; WOC
DST (Permian) 1939-2023', open 55 mins, rec
120' DM, 30 min ISIP 743#, FP 138-154#, 1 hr
30 min FSIP 741#, HP 968-968#, BHT 74 deg
4-8-74 Drlg 3660'
4-15-74 Drlg 4902'
DST (Permian) 4453-4555', open 1 hr, rec 270'
DM, 30 min ISIP 296#, FP 216-216#, 1 hr 30 min
FSIP 293#, HP 2343-2343#, BHT 105 deg
4-22-74 Drlg 6004'
DST (Wolfcamp) 5135-59', open 50 mins, rec 45'
sli GCM, 1 hr ISIP 1223#, FP 47-54#, 2 hr FSIP
1718#, HP 2636-2593#, BHT 126 deg

8-1-6

NM

OTERO

HOUSTON OIL & MINERALS CORP.

Wildcat

1 Lewelling, J. M.

Sec 12, T12S, R9E

NM

Page # 3

7-29-74

TD 9360'; PBD 5713'; SI
Perf (Pennsylvanian) 8572-98' w/2 SPF
Acid (8572-98') 4000 gals
Flwd 9.2 MCFGPD (8572-98')
Frac (8572-98') 16,000 gals + 25,000# sd
Set BP @ 8500'
Perf (Pennsylvanian) 8000-16' w/2 SPF
Acid (8000-16') 2700 gals (7½% MSA)
Frac (8000-16') 16,000 gals + 25,000# sd
Flwd 138 MCFGPD, 25/64" chk, TP 22# (8000-16')
BP @ 5713'
Perf (Wolfcamp) 5140-70' w/2 SPF
8-1-6

NM

7-29-74

Continued
Acid (5140-70') 4500 gals
Flwd 168 MCFGPD, 25/64" chk, TP 30# (5140-70')
TD 9360'; PBD 5713'; SI
TD 9360'; PBD 5713'; Temporarily Abandoned
LOG TOPS: Abo 3740', Cisco 6870', Canyon 7290',
Strawn 7800', Atoka 8270', Mississippian 8670',
Fusselman 8860', Montoya 8960', El Paso 9200',
Bliss 9320'
LOGS RUN: CNL, FDC, GRL, MLAT
BHT 230 deg
COMPLETION ISSUED

8-6-74

8-2-76

8-7-76

8-1-6

NM