

STATE OF NEW MEXICO  
ENERGY AND MINING DEPARTMENT

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OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form O-103  
Revised 10-1-78

JUN 23 1983

O. C. D.

SUNDRY NOTICES AND REPORTS ON WELLS

ARIZONA OFFICE  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-ENTER OR TO PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL" FORM (L-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
2. Name of Operator Rapid Company, Inc. ✓	5. State Oil & Gas Lease No. L-413
3. Address of Operator c/o Oil Reports & Gas Services, Inc. Box 763, Hobbs, NM 88241	7. Unit Agreement Name
4. Location of Well UNIT 157/ER C 330 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE, SECTION 31 TOWNSHIP 10S RANGE 27E WMPM	8. Name of Lease Name Copeian State
15. Elevation (Show whether DF, RT, GR, etc.) 3742.6 GR	9. Well No. 1
	10. Field and Pool, or Willam Rabbit Flats Queen
	12. County Chaves

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   
OTHER

PLUG AND ABANDON   
CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK   
COMMENCE DRILLING OPER.   
CASING TEST AND CEMENT JOB   
OTHER   
ALTERING CASING   
PLUG /NO ABANDONMENT

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.

It is proposed to plug & abandon by filling hole to surface with cement.

BEFORE EXAMINER  
OIL CONSERVATION DIVISION  
OCD EXHIBIT NO. ~~11728~~ 2  
OCD NO. 11728

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

SIGNED: Donna Hollis TITLE: Agent DATE: 6/21/83

APPROVED BY: W. H. ... TITLE: ... DATE: JUN 23 1983

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION  
P. O. BOX 2008  
SANTA FE, NEW MEXICO 87501

2

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

**ILLEGIBLE**

I. OPERATOR  
Operator: Rapid Company, Inc.

Address: P. O. Box 1231, Lovington, New Mexico 88260

Reason(s) for filing (check proper box) Other (Please explain)

New Well	<input type="checkbox"/>	Change in Transporter of:		Effective 9/1/80
Renewal/extension	<input type="checkbox"/>	Oil	<input checked="" type="checkbox"/>	
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>	
		Dry Gas	<input type="checkbox"/>	
		Condensate	<input type="checkbox"/>	

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Copelan State</u>	Well No. <u>1</u>	Well Name, Including Location <u>Rabbit Flats Queen</u>	Kind of Lease State, Federal or Free <u>State</u>	Lease No. <u>L-413</u>
Location Unit Letter <u>C</u> ; <u>330</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u>				
Line of Section <u>31</u> Township <u>10 S</u> Range <u>27 E</u> , <u>N.M.P.M.</u> , <u>Chaves</u> Co., N.M.				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil (X) or Condensate ( ) <u>Navajo Crude Oil Purchasing Co</u>	Address (Give address to which approved copy of this form is to be sent) <u>P. O. Box 159, Artesia, NM 88210</u>
Name of Authorized Transporter of Casinghead Gas ( ) or Dry Gas ( ) <u>None</u>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks. Unit <u>C</u> Sec. <u>31</u> Twp. <u>10S</u> Rge. <u>27E</u>	Is gas currently connected? <u>No</u>

If this production is commingled with that from any other lease or pool, give commingling order number \_\_\_\_\_

IV. COMPLETION DATA

Designate Type of Completion - (X) <input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> New Well	<input type="checkbox"/> Re-work	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Foam Fracture	<input type="checkbox"/> Other
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.				
Elevation (DF, RAB, NT, GR, etc.)	Name of Producing Formation	Top Oil Gas Key	Tubing Depth				
Perforations		Length Casing Shoe					
TUBING, CASING, AND CEMENTING RECORD							
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT				
	<u>8 1/2 IN</u>						

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of lead oil and must be equal to or exceed top all able for this depth or be at least 24 hours)

Date First New Oil Prod. To Tanks	Date of Test	Production Method (Flow, pump, gas lift, etc.)	
Length of Test	Testing Pressure	Change in Pressure	Choke Size
Actual Prod. During Test	Oil-Blow	Water-Blow	Gas-Blow

GAS WELL

Date First New Gas Prod. To Tanks	Length of Test	Testing Pressure (psig)	Choke Size
Testing Method (psig, back flow)	Testing Pressure (psig-1 in)	Casing Pressure (psig-1 in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Rapid Company, Inc.  
King M. G. Smith  
Operator  
9/25/80  
(Date)

OIL CONSERVATION DIVISION  
APPROVED OCT 1 1980  
BY W. A. Givens  
TITLE SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1102.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a certification of the division tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable casing and recompleted wells.

OIL CONSERVATION DIVISION  
 P. O. BOX 2088  
 SANTA FE, NEW MEXICO 87501

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JUL 2 1979

REQUEST FOR ALLOWABLE  
 AND  
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

O. C. C.  
 ARTESIA OFFICE

Rapid Company, Inc. ✓

Address  
 c/o Oil Reports & Gas Services, Inc., Box 762, Hobbs, New Mexico 88240

ILLEGIBLE

How Well  Change in Transporter of   
 Permittation  Oil  Dry Gas   
 Change in Commodity  Change of Lease  Condensate

Effective 7/1/79

If change of ownership give name and address of previous owner Sage Oil Company, Box 763, Hobbs, N.M. 88240

II. DESCRIPTION OF WELL AND LEASE

Lease Name Copelan State 1 Undesignated - Queen State L-413  
 Location  
 Unit Letter C 330 Feet from the North 1650 Feet from the West  
 Line of Section 31 10S 27E Chaves

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Summa Energy Corporation P. O. Box 763, Hobbs, New Mexico 88240  
 Note  
 If this production is commingled with that from other leases, give name of other leases

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 JUL 13 1979  
 OIL CONSERVATION DIVISION  
 SANTA FE

IV. TEST DATA AND REQUEST FOR ALLOWABLE

Flow Rate (GPM)	Test Date	Flow Rate (GPM)	Test Date
Length of Test	Flow Rate (GPM)	Flow Rate (GPM)	Flow Rate (GPM)
Actual Prod. During Test	Oil Prod.	Water Prod.	Gas Prod.

GAS WELL

Actual Prod. (Mcf/Day)	Length of Test	Flow Rate (GPM)	Flow Rate (GPM)
Flow Rate (GPM)	Flow Rate (GPM)	Flow Rate (GPM)	Flow Rate (GPM)

V. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Wanda Hallis  
 (Signature)

Agent

6/29/79

VI. AUTHORIZATION FOR OIL AND NATURAL GAS

JUL 6 1979  
 W. A. Bennett  
 SUPERVISOR, DISTRICT II

NEW MEXICO OIL AND NATURAL GAS CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE

Form O-104  
Revised 12/27/67  
Effective 1-1-68

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

AND RECEIVED

JAN 23 1978

O. C. C.

ILLEGIBLE

4

OPERATION  
SANTA FE  
FILE  
U.S.G.S.  
LAND OFFICE  
TRANSPORTER  
OPERATION  
PRODUCTION OFFICE

Sage Oil Company

Address  
c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, New Mexico 88240

Reasons for filing (check proper box)  
New Well  Change in Transporter of Oil  Dry Gas   
Recompletion  Change in Ownership  Change in Lease  Change in Lease  Other (lease, explain)  3-2-78  
File 306

If change of ownership give name and address of previous owner: *Pepco Company, Inc. Box 763 Hobbs N.M. 88240*

II. DESCRIPTION OF WELL AND LEASE

State: **Copelan State** | Section: **1** | Well Name: **Wildcat Queen** | Status: **State** | File No: **L-413**

Location  
Unit Letter: **C** | Section: **330** | Feet From The **North** | Line and: **1650** | Feet From The **West**

Line of Section: **31** | Township: **10 S** | Range: **27 E** | Section: **Chaves** | County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Applicant: **Navajo Crude Oil Purchasing** | Address (to which approved copy of this form is to be sent): **P. O. Box 159, Artesia, NM 88210**

Name of Approved Transporter of Oil and Gas: **None** | Address (to which approved copy of this form is to be sent):

If well production is commingled with that from any other lease or pool, give commingling order number: **No**

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	Flow Well	Water Well	Other
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Date Completed: <b>2/16/76</b>	Date Completed: <b>11/20/77</b>	Depth: <b>1262</b>	Depth: <b>1217</b>		
Perforations (DI, DIW, RI, CR, etc.): <b>3742.6</b>	Name of Completion Fluid: <b>Queen</b>	Log Indication: <b>637</b>	Setting Depth: <b>617</b>		
Perforations: <b>637-882</b>			Logon Casing Shoe: <b>1252</b>		
TUBING, CASING, AND CEMENTING RECORD					
PIPE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
<b>12 1/4</b>	<b>8 5/8</b>	<b>306</b>	<b>75</b>		
<b>7 7/8</b>	<b>4 1/2</b>	<b>1252</b>	<b>225</b>		
	<b>2 3/8</b>	<b>617</b>			

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be done regularly at least volume of fluid oil and must be equal to or exceed top allowable for the well or lease during hours)

Date of Test	Duration of Test	Flow	Circle Size
<b>11/18/77</b>	<b>12/12/77</b>	<b>Flow</b>	<b>2"</b>
Length of Test: <b>10 hours</b>	Flowing Pressure: <b>50#</b>	Flowing Pressure: <b>50#</b>	Circle Size: <b>2"</b>
Actual Flow: <b>22 BO</b>	Completion: <b>22</b>	Completion: <b>None</b>	Circle Size: <b>26</b>

GAS WELL

Gravity of Gas: \_\_\_\_\_

Gravimetric Analysis: \_\_\_\_\_

Gravimetric Analysis: \_\_\_\_\_

Gravimetric Analysis: \_\_\_\_\_

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the well or lease is in compliance with the Oil Conservation Commission rules and regulations and that the information given is true and complete to the best of my knowledge and belief.

*Norma Walker*  
Agent

1/20/77

OIL CONSERVATION COMMISSION

JAN 24 1978

APPROVED: *W. A. Gressett*  
SUPERVISOR, DISTRICT II

This form is to be filed in the District Office with the well file.  
This form is to be filed in the District Office with the well file.  
This form is to be filed in the District Office with the well file.

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OPERATOR	1

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 NEW MEXICO OIL CONSERVATION COMMISSION  
 DEC 9 1977  
 O. O. I.  
 ALBUQUERQUE OFFICE

Form O-101  
 Supersedes O-11  
 O-102 and O-103  
 Effective 1-1-65

50. Location of Lease  
 State  New Mexico  Free  
 51. State Oil & Gas Lease No.  
 L-413

SUNDRY NOTICES AND REPORTS ON WELLS  
DO NOT USE THIS FORM FOR NOTICES AND REPORTS ON WELLS PRODUCING FROM A DIFFERENT RESERVOIR.

1. Well  GAS WELL  OTHER

2. Name of Operator  
**Rapid Company, Inc.**

3. Address of Operator  
**c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, N M 88240**

4. Location of Well  
 UNIT LETTER **C** **330** FEET FROM THE **North** LINE AND **1650** FEET FROM  
**West** **31** SECTION **10S** TOWNSHIP **27E** RANGE

5. Elevation (Use a Meter if KI, GR, etc.)  
**3742.6 GR**

6. Dist. Agency and Name  
 6.1. County  
**Copelan State**  
 9. Well No.  
**1**  
 10. Field Name (If not Wildcat)  
**Wildcat**  
 11. County  
**Chaves**

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 checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMPLECE DRILLING OPER. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed Work to be Done on (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1707.

Work began 11/18/77. Rigged up and swabbed casing down. Recovered 10 bbls oil. Treated with 500 gallons 15% regular acid. Swabbed 180 bbls oil and 15 bbls water. Shut in waiting on pumping unit.

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

SIGNED Wanda Wallis TITLE Agent DATE 11/30/77

APPROVED BY [Signature] TITLE [Signature] DATE DEC 1 1977

CONDITIONS OF APPROVAL, IF ANY:

LLEGIBLE

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NOV 9 1977

C. P. C.  
WESTERN OFFICE

Form O-163  
5-19-64 Rev. 0-7-71  
Oil and Gas Lease  
Effective 1-1-65

50. Indicate Type of Lease  
State  Fee

51. State Oil & Gas Lease No.  
L-413

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR REPORTS ON WELLS OPERATED BY A DIFFERENT OPERATOR.  
USE FORM O-163 FOR WELLS OPERATED BY A DIFFERENT OPERATOR.

1.  OIL WELL  GAS WELL  OTHER: Temp Abnd

2. Name of Operator  
Rapid Company, Inc. ✓

3. Address of Operator  
c/o Oil ports & Gas Services, Inc., P. O. Box 763, Hobbs N.M. 88240

4. Location of Well  
UNIT LETTER C 330 FEET FROM THE North LINE AND 1650 FEET FROM

THE West LINE, SECTION 31 TOWNSHIP 10 S RANGE 27 E

15. EDWELL (Show whether DE, RT, OR, etc.)  
3742-4 OR

7. Unit A (perforation)

8. Name of Lease State  
Copelan State

9. Well No.  
1-1

10. Field or Field, or Well  
Wildcat

11. County  
Chaves

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 PLUGS

REMEDIAL WORK   
COMMENCE DRILLING OPER.   
CASING TEST AND CEMENT JOB

ALTERING CASING   
PLUG AND ABANDONMENT

OTHER: Change Operator & 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 1703.

Formerly Land Oil Company, Inc. - State No. 1  
It is proposed to treat existing perfs 757-45, 771-24 and 851-22 with 500 gallons 20% regular acid and swab test. If no production is obtained, it is proposed to drill out cement 1217 to 1252, clean out to total depth 1262, perf 1242-52 and treat with 500 gallons 20% mud acid.

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

SIGNED W. J. Walker TITLE AGENT DATE 11/3/77

APPROVED BY [Signature] SUPERVISOR, DISTRICT 4 DATE NOV 10 1977

© REGISTERED AND PATENTED BY THE COMMISSION

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MAY 13 1977

O. C. C.  
ALBUQUERQUE OFFICE

Form No. 1  
Sundry Notices  
Form No. 1

Field No.  [ ]  
 State  [ ]  
 #1  
 Wildeat  
 Chaves

SUNDY NOTICES AND REPORTS ON WELLS

[ ]  
 Land Oil Company, Inc.  
 P. O. Box 1201, Lovington, N. M. 88260  
 C. 330 North 1650  
 West 31 103 77E  
 3742-6 GR

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

NOTICE OF INTENTION TO:  
 REPERFORATE  [ ]  
 REPERFORATE AND ABANDON  [ ]  
 FULL OR PARTIAL ABANDON  [ ]  
 CHANGE OF NAME  [ ]  
 CHANGE OF OPERATOR  [ ]  
 CHANGE OF LEASE  [ ]  
 ASSIGNMENT  [ ]  
 REVISION OF RECORD  [ ]

April 18, 1977  
 Perforated at: 637' to 645'; 771 to 784'; 1243 to 1252' one shot  
 per foot, squeezed 42 gallons acid and let set for two hrs. Swabbed  
 dry. TA this date.

I, Thereby certify that the information above is true and correct.

SIGNED: *Don J. J. J.*

President

May 12, 1977

SIGNED: *W. A. G.*

COMMISSIONER DISTRICT II

JUN 10 1977

COMMISSION OF REVENUE AND TAXES

8

DISTRIBUTION	
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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form No. 1  
Supersedes Form  
O-12 (2-22-64)  
Effective 1-1-76

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APR 18 1976

No. of this Report (Leave Blank)	
State <input checked="" type="checkbox"/>	File <input type="checkbox"/>
L-413	
State of New Mexico	
31-#1	
Wildcat	
Chaves	

SUNDRY NOTICES AND REPORTS ON WELLS

1.  WELL  OTHER

2. Name of Operator: **Land Oil Company**

3. Address: **Box 1201, Lovington, N.M. 88260**

4. Well Name: **C 330 North 1650**

5. Location: **West 31 10 27**

6. Depth: **3742.6 Gr**

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

PERMANENT CESSATION <input type="checkbox"/>	REVISION <input type="checkbox"/>	REVISION <input type="checkbox"/>	ALTERED <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE DEPTH <input type="checkbox"/>	CHANGE DEPTH AND CHARACTER <input checked="" type="checkbox"/>	RELOCATED <input type="checkbox"/>
PULL IN AFTER CEMENT <input type="checkbox"/>	OTHER <input type="checkbox"/>		

17. OPERATOR CERTIFICATE: I hereby certify that the information furnished on this report is true and correct to the best of my knowledge and belief. (SEE RULE 1103.)

2/16/76 Started drilling 12-1/4 hole. Drilled to 306'.  
 3/2/76 Set 8-5/8 28# casing to T. D. Pump H2O ahead of cement (20 bbls.)  
 Pumped 75 sacks Class "C" 2# D33, 1/4# D29. 14.5WT. to 20' from surface  
 Let set 24 hrs. filled last 20' to Gr. level with Ready Mix.  
 3/5/76 Commenced drilling 7-7/8 hole to 1262'.  
 3/20/76 Ran Sidewall Neutron-Gamma Ray Dual Induction Logs.  
 3/25/76 Ran 1252' 4-1/2" 9.5# Casing cemented w/225 sacks Class "C"  
 3/27/76 Perforated w/10 spots 350-82 FDC-GR 3-3/8" AT. Have not  
 treated this date, 4/20/76.  
 Hit gas at 690'. Oil Show 850'

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

SIGNED: *Don Sanford* President Date: 4/20/76  
 APPROVED: *W.A. G...* SUPERVISOR  
 APR 20 1976



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NEW MEXICO OIL CONSERVATION COMMISSION  
 WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

STATE OF NEW MEXICO  
 DEPARTMENT OF ENERGY  
 L-413

DATE OF REPORT: March 1978

1. TYPE OF COMPLETION  
 GAS  
 OIL  
 WATER  
 OTHER  
 NEW WELL  
 WORK OVER  
 REPAIR  
 PLUG BACK  
 RE-ENTRY  
 OTHER

2. Name of Operator  
**Sage Oil Company**

3. Address of Operator  
**c/o Oil Reports & Gas Services, Inc., Box 763, Hobbs, N M 88240**

4. Location of Well

CONCESSION NO.  
 COUNTY  
**Copelan State**  
 SECTION  
**1**  
 TOWNSHIP  
**Wildcat Queen**

UNIT LETTER **C** LOCATED **330** FEET FROM THE **North** END AND **1650** FEET FROM THE **West** END OF SEC. **31** TWP. **10S** RGE. **27E**

CHAVES COUNTY

15. DATE OF LOGGING  
**2/16/76** **3/20/76** **11/20/77**

DEPT. OF ENERGY

16. DEPTH OF WELL  
**1262** **1217** **3742.6 GR**

17. TYPE OF SURVEY  
**0-TD**

18. TYPE OF LOGGING  
**637 - 852 Queen**

19. TYPE OF LOGGING  
**No**

20. TYPE OF LOGGING  
**Neutron Porosity Log**

21. TYPE OF LOGGING  
**No**

22. CASING RECORD (omit all strings set in well)

CASING SIZE	WEIGHT LBS. FT.	LENGTH SET	HOLES SIZE	CEMENTING TO JOINT	AMOUNT PULLED
8 5/8	28#	306	12 1/4	75	None
4 1/2	9.5#	1252	7 7/8	225	None

23. TYPE OF LOGGING  
**No**

24. LINER RECORD

SIZE	TGP	DATE SET	PACK OFF POINT	SCREEN	SIZE	TUBING RECORD	PACK OFF SET
					2 3/8	617	No

25. TYPE OF LOGGING  
**No**

26. LOGGING INTERVALS (Interval, size and number)

**637 - 45, 771 - 84, 850 - 82**

**1 shot per foot**

27. LOGGING INTERVALS (Interval, size and number)

**637 - 882**

**500 gal 15% reg acid**

28. LOGGING INTERVALS (Interval, size and number)

29. LOGGING INTERVALS (Interval, size and number)

29. LOGGING INTERVALS (Interval, size and number)

**11/18/77** **Flow**

30. LOGGING INTERVALS (Interval, size and number)

**Shut in**

30. LOGGING INTERVALS (Interval, size and number)

**12/12/77** **10** **2"** **22** **26** **None** **1182**

31. LOGGING INTERVALS (Interval, size and number)

**50#** **50#** **53** **70** **None** **29° (Est)**

31. LOGGING INTERVALS (Interval, size and number)

**Vented**

32. LOGGING INTERVALS (Interval, size and number)

**Rainey McKay**

32. LOGGING INTERVALS (Interval, size and number)

**1 copy Electric log previously filed.**

33. LOGGING INTERVALS (Interval, size and number)

33. LOGGING INTERVALS (Interval, size and number)

*[Signature]*

34. LOGGING INTERVALS (Interval, size and number)

10

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Abo	T. Canyon	T. Co. Mono	T. Coon "H"
T. Saff	T. Strawn	T. Karl and Frontland	T. Penn "G"
H. Saff	T. Anoka	T. Pictured Cliffs	T. Penn "D"
T. Yates 152	T. Miss	T. Cliff House	T. Leadville
T. Green	T. De Lamar	T. Montezuma	T. Madison
T. Green 637	T. Silurian	T. Point Lookout	T. Elbert
T. Grant	T. Montoya	T. Alamo	T. McCracken
T. San Antonio	T. Simpson	T. Galliano	T. Ignacio Quartz
T. Gloria	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. El Hacheyer	F. Dakota	T.
T. Blanche	F. Gr. Wash	T. Morrison	T.
T. Tubb	F. Granite	F. T. H.	T.
T. Drinkard	T. Delaware Sand	T. Enterprise	F.
T. Abo	T. Bone Springs	T. Wagon	T.
T. Wadsworth	T.	F. China	F.
T. Penn.	T.	T. Permian	T.
T. Cisco (Dough C)	T.	T. Permian	F.

OIL OR GAS SANDS OR ZONES

No. 1, from 637 to 882 No. 4, from to  
 No. 2, from to No. 5, from to  
 No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from Unknown-well originally drilled by Land Oil Company feet.  
 No. 2, from to feet.  
 No. 3, from to feet.  
 No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	52	52	Red Bed				
52	152	100	Anhydrite & Gyp				
152	220	68	Sandy Lime				
220	637	417	Anhydrite & Gyp				
637	1262	625	Lime, Sand Streaks				

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NEW MEXICO OIL CONSERVATION COMMISSION

STATE  NEW MEXICO  
L-413

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work  
 b. Type of Well DRILL  DEEPEN  PLUG BACK   
 c. Name of Operator Land Oil Company  
 d. Address of Operator P.O. Box 1201, Lovington, N. M. 88260  
 e. Location of Well 330 North 1650' West 31 10-S 27-E  
 f. Name of Well Wildcat  
 g. Name of Property Chaves  
 h. Name of Drilling Co. Queen  
 i. Date of Application Feb. 15, 1976  
 j. Amount of Bond \$10,000.00  
 k. Ground 3742-6 Ground

PROPOSED CASING AND CEMENT PROGRAM

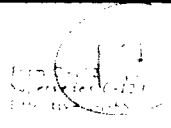
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24 lb.	300'	200	300' to 0
7-7/8"	4-1/2"	10 lb.	1250'	150	600' to 1350'

Drill 12-1/4" hole to 300'. Set 8-5/8" casing and cement to surface with 200 sacks of cement, wait 24 hrs. Drill out with 7-7/8" bit and carry same size hole to bottom. Run elect log and sample all shows, if samples check out productive, run a string of 4-1/2" new 10 lb. casing. Cement from bottom up to 600', with 150 sacks of cement, after 24 hrs. gun perforate to complete.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
 Signed: *[Signature]* Title: President Date: Feb. 1, 1976  
 APPROVED BY: *[Signature]* SUPERVISOR DATE: FEB 15 1976

CONDITIONS OF APPROVAL: AS SHOWN

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT



All distances must be from the outer boundaries of the Section

Lessor <b>Land Oil Company</b>			Lease <b>State Lease</b>		Well No. <b>State - 1</b>
Tract Letter <b>0</b>	Section <b>31</b>	Township <b>10-S</b>	Range <b>27-E</b>	County <b>Chaves</b>	
Annual Footage Location of Well: <b>330</b> feet from the <b>North</b> line of <b>1650</b> feet from the <b>West</b> line.					
Ground Level Elev. <b>3742.6'</b>	Producing Formation <b>Queen</b>	Depth <b>Wildcat</b>	Estimated Depth <b>40</b> Feet		

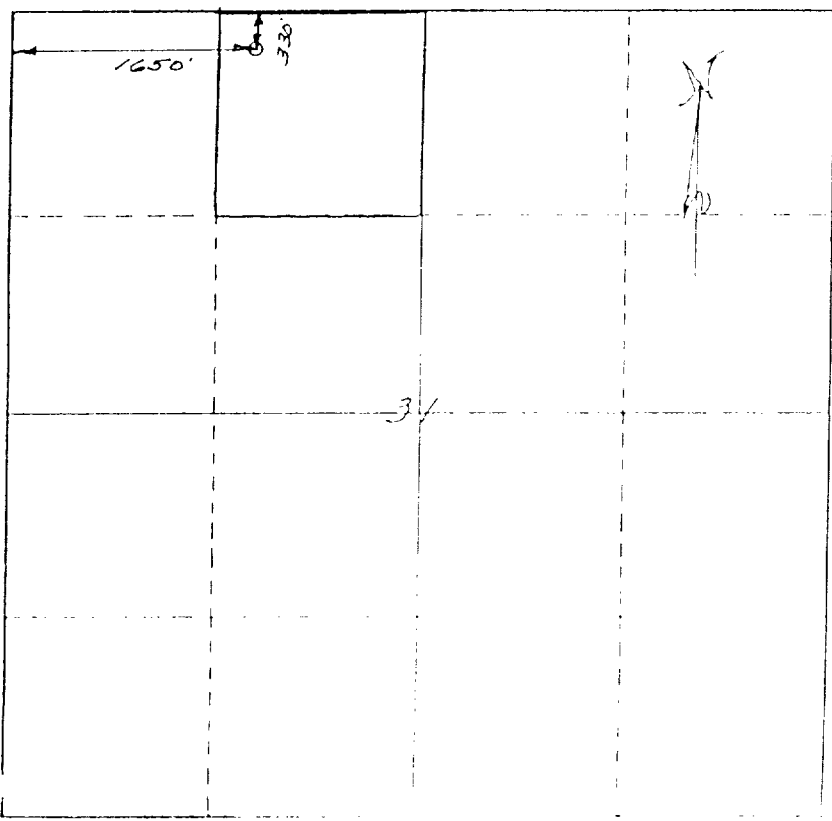
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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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.

*Handwritten Signature*

**Harold E. Lanford**

President

Land Oil Company

May 9, 1976

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



*Handwritten Signature*

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**LLEGIBLE**

**Petroleum Information**

CRABEE  
 1 Copelan State  
 Sec 31, T10S, R2/E  
 330' FNL, 1650' FWL of Sec  
 16 mi N/Dexter

RE 4-13-77 RB- 12-12-77  
 8-4-7 NM

8 5/8" at 314' w/75 sx  
 4 1/2" at 1262' w/225 sx

DATE	TIME	DEPTH	TEMP	PRESS	WIND	WAVE	SEA	STATE
		1262' (QUEEN)	1417'					

IP (Queen) Perforated 1215' @ 53 BOPD. Pot based on 24 hr  
 test thru 2" chkr. GOR 1420; sty 29; CP 50%; IP 250#

1262' GL 1217' WO

1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO  
 1262' GL 1217' WO

1262' GL

1217' WO

# LLEGIBLE

### Petroleum Information

Operator: LAND OIL Co.

State: Ill.

County: Madison

Section: 31, T10S, R2E

Location: 330' ERL, 1650' FWL of Sec

Distance: 16 mi N/Dexter

Date: 2-19-76

8 5/8" at 314' - 375'

4 1/2" at 1262'

WELL CLASS	DATE	FORMATION	DEPTH

1262'

1743' GE

1250' AT

1-21-76 F.P. 1-1-76

1-21-76 (0000)

1-1-76 TD 100'

1-1-76 TD 190' (0000) 1-1-76

3-8-76 TD 112' (0000)

3-15-76 Dry 850'

3-22-76 TD 1262' (0000)

3-29-76 TD 1743' (0000) 11

POST (0000) 854-852', 854-860', 868-872',

880-882', 880-884', 880-886'

880-882' (0000-300')

5-1-76 TD 1262' (0000)

# ILLEGIBLE

15

STATE: CVA, E.I.  
 COUNTY: IARD O.I. U.  
 1. State  
 Sec. 31, 1105, R27E  
 140' 12H, 1650' ERI of Sec  
 16 rd. S/Dext.  
 2-19-76, cap. 1-28-77

DATE	DEPTH	FORMATION	WT	FORMATION	WT
2-19-76	1262'	(SAND)			

8 5/8" at 114' 2775  
 4 1/2" at 1262' 2775  
 1262' (SAND)  
 TEMPORARILY ABANDONED

1263' GL. 1250' CT

- 2-23-76 F.R. 2-16-76 (Quincy)
- 3-1-76 D: 15-190'
- 3-8-76 TD 190', FDP
- 3-15-76 D: 15-350'
- 3-22-76 D: 15-400'
- 3-29-76 TD 400'; WCC
- 4-5-76 TD 420'; Shut In
- 4-12-76 F: 11-Quincy, 850-852', 856-860', 868-872',
- 4-19-76 Subd. by (Quincy)
- 4-26-76 TD 460'
- 5-3-76 TD 460'; Temporarily Abandoned
- 5-10-76
- 5-17-76 COMPLETELY ABANDONED

2-1-6 RM  
 1-1-10-10-10-10-10-10

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MAY 13 1977

**O. C. C.**  
ALBUQUERQUE OFFICE

Form C-101  
Supersedes C-102  
C-102 and C-103  
Effective 1-1-65

10. Indicate type of Lease State <input checked="" type="checkbox"/> Free <input type="checkbox"/>
5. State Oil & Gas Lease No. L-413
7. Well Location Name
8. Name of Lease Estate State
9. Well No. #1
13. Field or Pool, or Wellbore Wildcat
12. County Chaves

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PRODUCE TO BE USED IN CONNECTION WITH A CURRENT CONTRACT. USE APPLICATION FOR LEASE FOR THAT PURPOSE.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
2. Name of Operator Land Oil Company, Inc. ✓
3. Address of Operator P. O. Box 1201, Lovington, N. M. 88260
4. Location of Well LINE SECTION C 330 TIER FROM THE North LINE FROM 1650 THE West LINE SECTION 31 TIER FROM THE 10S RANGE 27E
11. Location (S, N, or North of, E, W, etc.) 3742-6 GR

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REPERFORATE WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REPERFORATE WELL <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANNING <input type="checkbox"/>	COMMENCE DRILLING OPERATIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER: Reperforate <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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.

April 18, 1977  
Perforated at: 637' to 645'; 771 to 784'; 1243 to 1252' one shot per foot, squeezed 42 gallons acid and let set for two hrs. Swabbed dry. TA this date.

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

SIGNED: Don Sanford TITLE: President DATE: May 12, 1977

APPROVED BY: W. L. Gussow SUPERVISOR, DISTRICT II DATE: JUN 10 1977

CONDITIONS OF APPROVAL, IF ANY:



