

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 7654
Order No. R-7065

APPLICATION OF RAULT PETROLEUM
CORPORATION FOR AN UNORTHODOX GAS
WELL LOCATION, CHAVES COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on August 18, 1982, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 24th day of August, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Rault Petroleum Corporation, seeks approval of an unorthodox Pennsylvanian gas well location 600 feet from the South line and 660 feet from the West line of Section 13, Township 8 South, Range 7 East, NMPM, Chaves County, New Mexico.
- (3) That said well was originally projected to the Abo formation at a standard location, but on being non-productive in said formation, was deepened to the Pennsylvanian formation, wherein commercial production was encountered.
- (4) That the S/2 of said Section 13 is to be dedicated to the well.
- (5) That no offset operator objected to the proposed unorthodox location.

(6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the gas in the subject pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

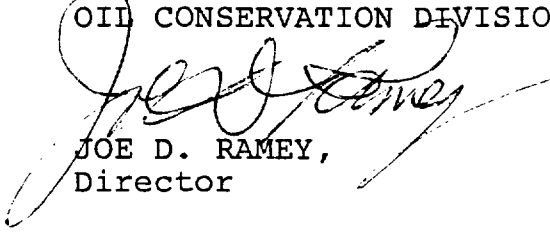
(1) That the application of Rault Petroleum Corporation for an unorthodox gas well location for the Pennsylvanian formation is hereby approved for a well located at a point 600 feet from the South line and 660 feet from the West line of Section 13, Township 8 South, Range 27 East, NMPM, Chaves County, New Mexico.

(2) That the S/2 of said Section 13 shall be dedicated to the above-described well.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY,
Director

S E A L

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1000, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator YATES PETROLEUM CORPORATION	Well API No.
Address 105 SOUTH 4th STREET, ARTESIA, NM 88210	
Reason(s) for Filing (Check proper box) New Well ☐ Change in Transporter of: ☒ Other (Please explain) WELL NAME CORRECTION. Recompletion ☐ Oil ☐ Dry Gas ☐ CHANGE WELL NAME FROM HANLAD STATE #1 Change in Operator ☒ Casinghead Gas ☐ Condensate ☐ TO: HANLAD AKZ STATE #1 EFFECTIVE 4-1-92	
If change of operator give name and address of previous operator Manzano Oil corp., PO Box 2107, Roswell, NM 88201	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hanlad AKZ State	Well No. 1	Pool Name, Including Formation Undes. Penn	Kind of Lease State, Federal or Free	Lease No. VB-427
Location Unit Letter M : 660 Feet From The South Line and 660 Feet From The West Line Section 13 Township 8S Range 27E, NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	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	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

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)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Signature
JUANITA GOODLETT - PRODUCTION SUPVR.
Printed Name
5-11-92
Date
Title
(505) 748-1471
Telephone No.

OIL CONSERVATION DIVISION

Date Approved MAY 15 1992
By Mike Williams
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
10 02 AM '92
REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator YATES PETROLEUM CORPORATION		Well API No.
Address 105 South 4th St., Artesia, NM 88210		
Reason(s) for Filing (Check proper box) New Well ☐ Change in Transporter of: ☒ Other (Please explain) Recompletion ☐ Oil ☐ Dry Gas ☐ CHANGE WELL NAME TO MANZANO -HANLAD STATE #1 Change in Operator ☒ Casinghead Gas ☐ Condensate ☐ EFFECTIVE 4-1-92		
If change of operator give name and address of previous operator Manzano Oil Corp., PO Box 2107, Roswell, NM 88201		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Manzano -Hanlad State	Well No. 1	Pool Name, including Formation Undesignated Penn	Kind of Lease State, Federal or Fee	Lease No. VB-427
Location Unit Letter M : 660 Feet From The South Line and 660 Feet From The West Line Section 13 Township 8S Range 27E, NMPM, Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	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	Sec.	Twp.	Rge.	Is gas actually connected?	When ?

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)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Signature
Juanita Goodlett - Production Supvr.
Printed Name
4-23-92
Date
Title
(505) 748-1471
Telephone No.

OIL CONSERVATION DIVISION

Date Approved MAY 5 1992

By Mike Williams

Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

RECEIVED State of New Mexico
Energy, Minerals and Natural Resources Department

'91 APR 25 AM 11 37

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Manzano Oil Corporation ✓	505/623-1996	Well API No. 30-005-61493
Address P.O. Box 2107/Roswell, NM 88202-2107		
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)		
New Well ☐	Change in Transporter of:	
Recompletion ☐	Oil ☐	Dry Gas ☐
Change in Operator ☒	Casinghead Gas ☐	Condensate ☐

If change of operator give name and address of previous operator Rault Petroleum Corporation, 103 N. Pennsylvania, Roswell, NM 88201

II. DESCRIPTION OF WELL AND LEASE

Lease Name Hanlad State	Well No. 1	Pool Name, Including Formation Wildcat-Penn	Kind of Lease State, Freehold Leasehold	Lease No. LG-0001
Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>13</u> Township <u>8 South</u> Range <u>27 East</u> , <u>NMPM</u> , <u>Chaves</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ Unknown	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ Unknown	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	Sec.
	Twsp.	Rge.
Is gas actually connected?		When ?

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)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/M/MCF	Gravity of Condensate
Testing Method (prior, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR 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.

Allison Rolfe
Signature
Production Clerk Allison Rolfe
Printed Name
April 12, 1991
Date
505/623-1996
Telephone No.

OIL CONSERVATION DIVISION

Date Approved APR 12 1991
By Mark Walker
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
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- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO	
DEPARTMENT OF ENERGY	
OFFICE OF OIL AND GAS	
REGISTRATION	
FILE	
DATE	
FILED	
OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO 87501

AMENDED

API # 30--005--61493

State	☒
LG-0001	

SUNDRY NOTICES AND REPORTS ON WELLS

FOR USE OF THIS FORM FOR NOTICES TO DRILL OR PLUG OR FOR PLUGGING TO A DIFFERENT RESERVOIR.
USE IN ACCORDANCE WITH THE RULES OF THE OFFICE OF OIL AND GAS.

Oil Well ☐	Gas Well ☒	Other ☐
Name of Operator Rault Petroleum Corporation		
Address of Operator 103 N. Penn., Roswell, New Mexico 88201		
Date of Notice JUL 05 1983		
Office of Notice O. C. D. ARTESIA OFFICE		
Unit Letter	M	Feet from the
	660	South
Line and	660	Feet from
West		
Line, Section	13	Township
		8 S
Range	27 E	

7. Unit Agreement Name	
8. Form of Lease Name	Hartad State
9. Well No.	1
10. Field and Foot, or Locality	Palma Mesa - Penn
11. County	Chaves

12. Elevation (Show whether DP, RT, GR, etc.)
5736' - 5500' Grd.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
SUBSEQUENT REPORT OF:

PROPOSED REMEDIAL WORK ☐	PLUS AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☒	PLUS AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	

13. 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. Young Drilling Cable Tool moved in and spudded 17" hole on April 1, 1982 @ 8:00 a.m. See attached reports.
2. Move in Rotary tools, spudded 47' cable tool hole with 12 1/2" bit @ 11 a.m. - 4/27/82.
3. Ran 8 5/8", 24#, J-55 to 1400', cemented casing with 550 sx. passetter lite followed with 150 sx. Class "C" 2% CaCl., PD @ 6:15 p.m. - 4/29/82. Circulated 30 sx. excess.
4. WOC - 18 hrs., rigged up 10" 900 BOP, tested casing & BOP with 800 psi, held o.k.
5. Drilled 7 7/8" hole below surface @ 12 noon - 4-30-82.

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

APPROVED BY *Gene Nickles* TITLE Manager DATE 6/30/83
APPROVED BY *Leslie A. Clemente* TITLE SUPERVISOR, DISTRICT II DATE JUL 12 1983
(CONDITIONS OF APPROVAL, IF ANY)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form 10-1-78
Revised 10-1-78

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. DEPTH ☐ OTHER ☐

3. Name of Operator
Bault Petroleum Corporation ✓

4. Address of Operator
103 North Pennsylvania Roswell, New Mexico 88201

5. Location of Well
City/County M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM West LINE OF SEC. 13 TWP. R-5 SEE. 27E

RECEIVED

JUL 05 1983

O. C. D
ARTESIA OFFICE

6. Indicate Type of Lease
State ☒ Fed ☐

7. State Oil & Gas Lease No.
LG - 0001

8. Unit Agreement Name

9. Form or Lease Name
Hartland State

10. Well No.
1

11. Field and Pool, or Wildcat
Undesignated

12. County
Chaves

13. Date Spudded
4/1/82

14. Date T.D. Reached
5/25/82

15. Date Compl. (Ready to Prod.)
7/9/82

16. Elevatic (DF, RKD, RT, GR, etc.)
3936 grd 3948 KB

17. Elev. Casinghead
3936

18. Total Depth
6800'

19. Plug Back T.D.
6500'

20. If Multiple Compl., How Many

21. Interval Drilled By
Rotary Tools
47-6800

22. Cable Tools
0-47

23. Producing Interval(s), of this completion - Top, Bottom, Name

5327' to 6411' Pennsylvanian Clastics

24. Type Electric and Other Logs Run

Gamma- Neutron/Density; Dual Laterlog

25. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	54	47	17 1/2	Ready Mix 4 Yds.	None
85/8	24	1400	12 1/2	700-Circ.	None
4 1/2	10.5	6800	7 7/8	650 top @ 4535'	None

26. LINER RECORD					27. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	6280'	6283'

28. Perforation Record (Interval, size and number)

6327' - 6411' - (.41 Dia) - (18 holes)

29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6327-6411	1500 7 1/2" HCl
	30000 gals Gel 3% KCl
	45000# Sd

30. PRODUCTION

31. Date First Production

32. Production Method (Flowing, gas lift, pumping - Size and type pump)

33. Well Status (Prod. or Shut-In)
Shut In

34. Date of Test
7-8-82

35. Hours Tested
CAOF

36. Choke Size

37. Prod'n. For Test Period

38. Oil - Bbl.

39. Gas - MCF

40. Water - Bbl.

41. Gas - Oil Ratio

42. Flow Tubing Press.

43. Casing Pressure

44. Calculated 24-Hour Rate

45. Oil - Bbl.

46. Gas - MCF

47. Water - Bbl.

48. Oil Gravity - API (Conv.)

49. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Bennett-Cathey

50. List of Attachments

See 4 Pt., graph, Gas Analysis, Pressure build up.

51. 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

J. J. McIlwain

TITLE

Manager

DATE

7-14-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by two copies of all electrical and radioactivity 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 quadruplicate except in 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" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>452</u>	T. Miss <u>6420</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>1051</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya <u>6620</u>	T. Mancos _____	T. McCracken _____
T. San Andres <u>1540</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta <u>2694</u>	T. McKee _____	T. Dase Greenhorn _____	T. Granite _____
T. Paddeek _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gz Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilte _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>4900</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>5538</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>6273</u>	T. _____	T. Permian _____	T. _____
T. Cloze (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>6273</u> to <u>6420</u>	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 _____ to _____ feet	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet
No. 4, from _____ to _____ feet	_____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10	10'	Santa Rosa	5538	6273	735	Penn. Clastics
10	452	442	Yates	6273	6420	147	Mississippian
452	1051	599	Queens	6420	6620	200	Montoya
1051	1540	489	San Andreas	6620	6800	180	TD
1540	2128	588	P-1				
2128	2694	566	Glorieta				
2694	2746	52	Yeso				
2746	4900	2154	ABO				
4900	5255	355	McConkey A				
5255	5538	283	Wolfcamp				

STATE OF NEW MEXICO
ENERGY AND MINERAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

JUL 26 1982

O. C. D.

AMESIA, OFFICE

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LAND OFFICE	
OPERATIONS	

Form O-101
Revised 12-1-77

STATE XXX

LG-0001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Well

Drill ☒ Deepen ☒ Plug Back ☐
Oil Well ☐ Gas Well ☒ Other ☐ Single Shot ☐ Multiple Shot ☐

RAULT PETROLEUM CORPORATION

103 N. Pennsylvania, Roswell, N.M. 88201

Location of Well: UNIT LETTER M LOCATION 660 FEET FROM TOP South
660 FEET FROM THE West END OF THE 13 8 South 27 East

Hanlad State

Wildcat-Penn

Chaves

Proposed Depth

6800'

Pennsylvania

Rotary

3936 GROUND

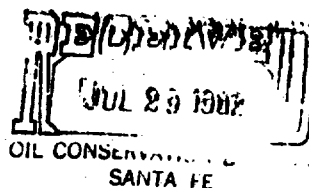
Blanket

Drilling Contractor
Rault Drilling Co.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	WEIGHTS OF CEMENT	EST. TOP
12"	8-5/8"	24#	1400'	1000	Circ.
7-7/8"	4-1/2"	10.5#	6800'	650	4500'

- (1) Deepen from 5500' ABO Zone to Penn Clastic below 6300'.
- (2) 10" - 3000 psi Double Pipe RAM Hydraulic Preventer.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW FORMER-IVE ZONE. ALSO, PLUGOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jim W. Vidrine Title Manager Date July 21, 1982
(This space for State Use)

APPROVED BY Mike Smith TITLE OIL AND GAS INSPECTOR DATE JUL 28 1982

CONDITIONS OF APPROVAL, IF ANY:

1918

Rault Petroleum Corp.

Hanlan State, L.H. 0001

Letter	Section	Township	Range	County
M	13	8 South	27 East	Chaves

Well Location of Well:

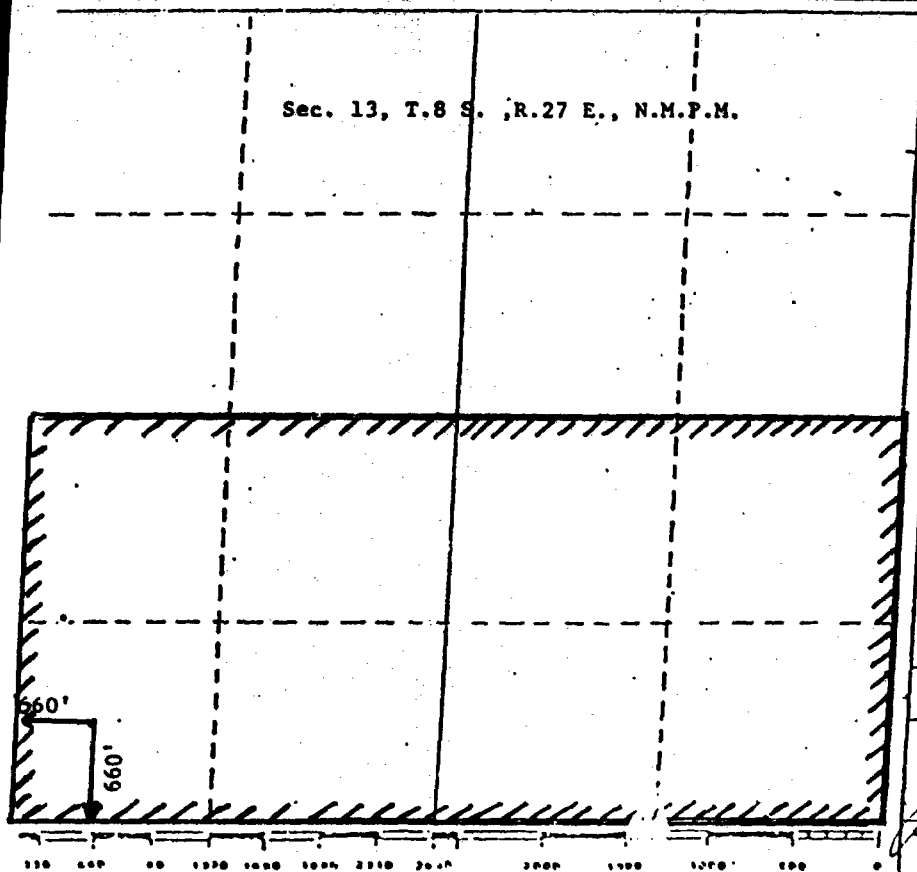
660	feet from the	South	line and	660	feet from the	West
3936	Ind Level Elev.	Penn	Producing Formation	Undesignated	Pool	Dedicated Acreage
						320.00

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Carl A. Schellinger

Name
Carl A. Schellinger

Position
Agent

Company
Rault Petroleum Corporation

Date
March 19, 1982

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
March 19, 1982

Registered Professional Engineer and/or Land Surveyor

John D. Jacques
John D. Jacques, P.E., L.S.

Certification No. 16290

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-121
Revised 12-1-79

RECEIVED

SUNDY NOTICES AND REPORTS ON WELLS DO NOT USE THIS FORM FOR PURPOSES TO PRINT OR TO OBTAIN OR PLUS SEE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PURPOSES.		34. Indicate Type of Lease State ☒ Fee ☐
3. State Oil & Gas Lease No. LG-0001		
7. Unit Agreement Name		
8. Farm or Lease Name Hanlad State		
9. Well No. 1		
10. Field and Pool, or Wildcat Wildcat-Penn		
11. Elevation (Sho whether DP, RT, CR, etc.) 3936' - Ground Level		12. County Chaves

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data		SUBSEQUENT REPORT OF:	
NOTICE OF INTENTION TO:			
DEEPEN REMEDIAL WORK ☐	PLUS AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
UPPERLY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPER. ☐	PLUS AND ABANDONMENT ☐
LL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	Completion ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 162.

- (1) Deepen original projected 5500' to the Montoya at 6800' from 5-11 to 5-28-82.
- (2) Ran logs and 4 1/2", 10.5# casing to bottom.
- (3) Cemented 4 1/2" casing with 650 sacks 50% Poz on 5/28/82.
- (4) Ran Cement Bond Logs (CBL) on 6-10-82; top of cement @ 6327' - continue completion operation.
- (5) Perforated Montoya Zone 6640' to 6687' and tested 30 BW/hr.
- (6) Ran CIBP to 6500'--covered with 16' neat cement, 6/29/82.
- (7) Perforated Penn Zone 6327' to 6411' with 18 holes, acidized with 1500 gallons 7 1/2 HCL, fraced with 30,000 gallons gelled water, 45,000# sand, 7/3/82.
- (8) Completed Open Flow Test and shut well in, 7/9/82.

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

By Jim W. Vidrine Title Manager Date July 21, 1982

By Jim W. Vidrine Title OIL AND GAS INSPECTOR Date JUL 28 1982

OTHER APPROVAL, IF ANY:

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

3. Indicate Type of Lease
State ☒ Federal ☐

5. State Oil & Gas Lease No.
LG - 0001

7. Unit Agreement Name

8. Farm or Lease Name
Hanlad State

9. Well No.
1

10. Field or Loc. or Wildcat
Associated

11. County
Chaves

14. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

15. DATE OF WELL
JUL 15 1982

16. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ARTESIA, OFFICE

17. Name of Operator
Rault Petroleum Corporation

18. Address of Operator
103 North Pennsylvania Roswell, New Mexico 88201

19. Location of Well
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West

20. LINE OF SEC. 13 TWP. 8-S R. 27E

13. Date Spudded 4/3/82 16. Date T.D. Reached 5/25/82 17. Date Compl. (Ready to Prod.) 7/9/82 18. Elevations (DF, RAB, RI, G.C., etc.) 3936 grd 3948 KB 19. Elev. Casinghead 3936

20. Total Depth 6800' 21. Plug Back T.D. 6500' 22. If Multiple Compl., How Many 23. Intervals Drilled by 47-6800 24. Interv. Casing Tools 0-47

24. Producing Interval(s), of this completion - Top, Bottom, Name 6327' to 6411' Pennsylvanian Clastics 25. Was Directional Survey Made NO

26. Type Electric and Other Logs Run Gamma- Neutron/Density; Dual Laterlog 27. Was Well Cured No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16	54	47	17 1/2	Ready Mix 4 Yds.	None
8 5/8	24	1400	12 1/2	700-Circ.	None
4 1/2	10.5	6800	7 7/8	650 top @ 4535'	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 3/8				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	6280'	6283'

31. Perforation Record (Interval, size and number)
6327' - 6411' - (.41 Dia) - (18 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6327-6411	1500 74% HCl
	30000 gals Gel 3% KCl
	45000# Sd

33. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) Shut In

Date of Test 7-8-82 Hours Tested CAOF Choke Size Flowing 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.) 26.91 API

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

35. List of Attachments See 4 Pt., graph, Gas Analysis, Pressure build up.

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 [Signature] TITLE [Signature]

This form is to be filled with the appropriate data from the log of the well and from the log of the well, after the completion of the well. It is to be filled out by the operator of the well, or by a competent person, and it is to be filled out in accordance with the instructions given on the back of the form. It is to be filled out in accordance with the instructions given on the back of the form. It is to be filled out in accordance with the instructions given on the back of the form.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ops. Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland Fruitland	T. Penn. "C"
P. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 452	T. Miss 6420	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1051	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya 6620	T. Mancos	T. McCracken
T. San Andreas 1540	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Glorieta 2694	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Granite
T. Glinchry	T. Gr. Wash	T. Morrison	T. Granite
T. Tubb	T. Granite	T. Todillo	T. Granite
T. Drinkard	T. Delaware Sand	T. Entrada	T. Granite
T. Abo 4900	T. Bone Springs	T. Wingate	T. Granite
T. Wolfcamp 5538	T. Permian	T. Chinle	T. Granite
T. Penn. 6273	T. Pennian	T. Pennian	T. Granite
T. Cisco (Bough C)	T. Penn. "A"	T. Penn. "A"	T. Granite

OIL OR GAS SANDS OR ZONES

No. 1, from 6273 to 6420	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 to 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	10	10'	Santa Rosa	5538	6273	735	Penn. Clastics
10	452	442	Yates	6273	6420	147	Mississippian
452	1051	599	Queens	6420	6620	200	Montoya
1051	1540	489	San Andreas	6620	6800	180	TD
1540	2128	588	P-1				
2128	2694	566	Glorieta				
2694	2746	52	Yeso				
2746	4900	2154	ABO				
4900	5255	355	McConkey A				
5255	5538	283	Wolfcamp				

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ENERGY AND MINERALS DEPARTMENT

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

Form C-131
Revised 1-1-79

C. C. D.

APRIL 11, 1982

3a. Indicate Type of Lease State ☐ Free ☐
3. State Oil & Gas Lease No. [1-000]
7. Unit Agreement Name
8. Farm or Lease Name LA LAY STATE
9. Well No. 1
10. Field and Pool, or Wildcat LA LAY - A-1
12. County SANTA FE

SUNDY 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" (FROM C-101) FOR SUCH PROPOSALS.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

Name of Operator
APRIL 11, 1982

Address of Operator
103 ...

Location of Well
UNIT LETTER ... FEET FROM THE ... LINE AND ... FEET FROM ...
TOWNSHIP ... RANGE ...

13. Elevation (Show whether DF, RT, CR, etc.)
...

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

OPEN REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
MODERATELY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPER. ☐	PLUG AND ABANDONMENT ☐
LL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND ELEMENT JOB ☐	
		OTHER ☐	

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1102.

- (1) Deepen original projected 5500' to the Montoya at 6100' from 5-11 to 5-25-82.
- (2) Ran logs and 4 1/2", 10.5/ casing to bottom.
- (3) Cemented 4 1/2" casing with 650 sacks 50' log on 5/25/82.
- (4) Ran Cement Bond Logs (CBL) on 6/10/82; top of cement at 4525'. Will continue completion operation.

JUN 24 1982

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

Signature: *[Signature]* TITLE: *[Title]* DATE: June 11, 1982

Signature: *[Signature]* TITLE: OIL AND GAS INSPECTOR DATE: JUN 21 1982

COPIES OF APPROVAL, IF ANY:

STATE OF NEW MEXICO	COUNTY OF SANTA FE
WELL NAME	WELL NO.
WELL TYPE	WELL STATUS
WELL LOCATION	WELL DEPTH

OFFICE OF THE STATE ENGINEER
SANTA FE, NEW MEXICO 87501

C.C.E.

LO-0001

Rault Petroleum Corporation,

103 North Pennsylvania, Roswell, New Mexico 88201

WELL LETTER M 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 13 TOWNSHIP 8S RANGE 27E

15. Elevation (Mean Sea Level, RT, CR, etc.)

5500' grd.

17. 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 ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPER. ☒
CASING TEST AND CEMENT JOBS ☒
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1123.

- 1) Move in Rotary tools, spudded 47' Cable tool hole w/12 1/2" bit @ 11 a.m. - 4/27/82.
- 2) Drilled surface hole to 1400' - 4/30/82.
- 3) Ran 8 5/8", 24#, J-55 to 1400', cemented casing with 550 sx. passesetter lite followed with 50 sx. Class "C" 2% CaCl., PD @ 6:15 p.m. - 4/29/82 circulated 30 sx. excess.
- 4) WOC - 18 hrs., rigged-up 10" 900 BOP, tested casing & BOP with 800 psi, held o.k.
- 5) Drilled 7 7/8" hole below surface @ 12 noon - 4/30/82.

MAY 17 1982

SANTA FE

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

SIGNED: [Signature]

TITLE: Manager

DATE: 5/5/82

APPROVED BY: [Signature]

TITLE: OIL AND GAS INSPECTOR

DATE: MAY 14 1982

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2688
SANTA FE NEW MEXICO 87501

Form O-102
Revised 10-1-78

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

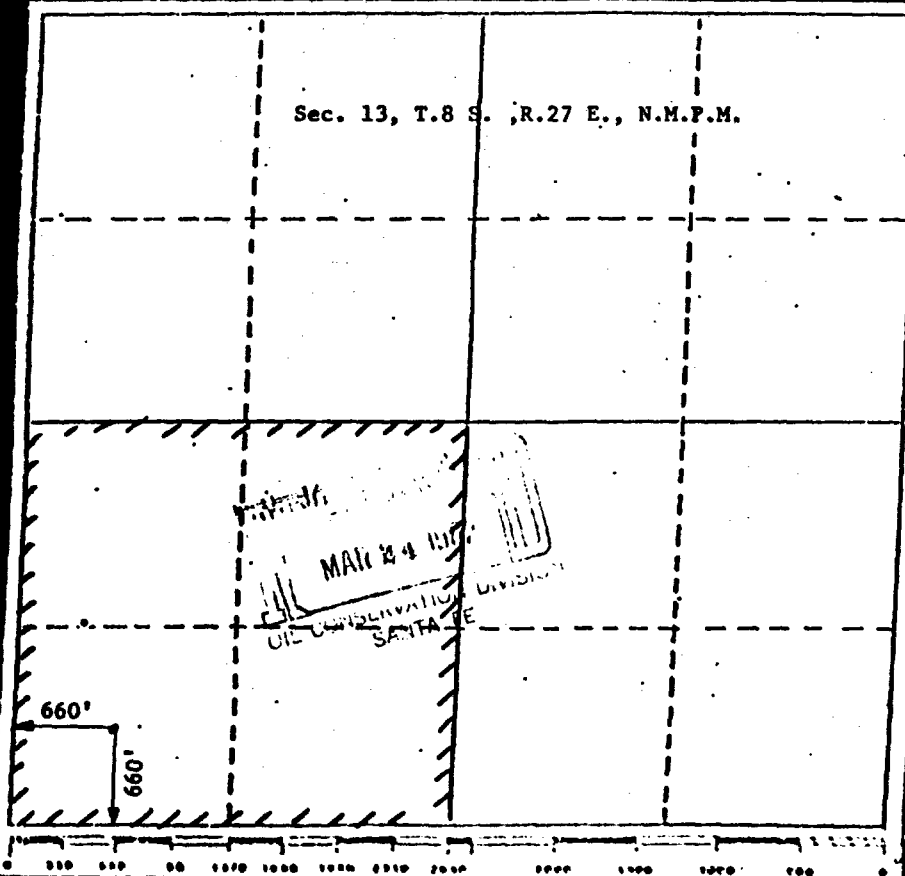
Operator Rault Petroleum Corp.			Lease Hanlad State		Well No. #1
Unit Letter M	Section 13	Township 8 South	Range 27 East	County Chaves	
Actual Well Location of Well: 660 feet from the South line and 660 feet from the West line					
Ground Level Elev. 3936	Producing Formation Abo	Pool Wildcat	Dedicated Acreage: 160.00 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 Division.



CERTIFICATION

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

Carl A. Schellinger
Name

Carl A. Schellinger

Position
Agent

Company
Rault Petroleum Corporation

Date
March 19, 1982

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
March 19, 1982

Registered Professional Engineer and/or Land Surveyor

JOHN D. JAMES L.S.

Commission Expires 12/31/85

NEW MEXICO OIL CONSERVATION

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MAR 22 1982

O. C. D.
ARTESIA, OFFICE

30-005 61493

STATE ☒ FEE ☐

LG-0001

Unit Agreement Name

Firm or Lease Name
Hanlad State

Well No.
1

Field and Pool, or Wildcat
Wildcat-Abo

County
Chaves

Proposed Depth
5500

Formation
ABO

Rotary or C.T.

Rotary

Approx. Date Work will start
3/31/82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work
b. Type of Well
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

c. Name of Operator
Rault Petroleum Corporation

d. Address of Operator
103 N. Pennsylvania Ave., Roswell, New Mexico 88201

e. Location of Well
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE
AND 660 FEET FROM THE West LINE OF SEC. 13 TWP. 8 South R. 27 East N.M.P.M.

f. Elevation (Show whether D.P., R.T., etc.)
3936 GR

g. Kind & Status Plug, Pond
Blanket

h. Drilling Contractor
Rault Drilling Company

i. Approx. Date Work will start
3/31/82

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	8 5/8	24	1400	1000	Circ.
7 7/8"	4 1/2	10.5	5500	400	4400

It may be necessary to commence initial drilling operations with cable tools while waiting on Rault Drilling Co. Rig No.1. In such event we plan to drill a 17 1/2" hole to approximately 40' and cement 16" conductor pipe, cementing same to surface.

Blowout Preventer Diagram is attached.

Acreeage is undisgnated at this time.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-23-82
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSED TO PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. 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 Carl D. Hays TITLE TRUST AGENT Date March 10, 1982

(This space for State Use)

APPROVED BY Mark W. Walker TITLE OIL AND GAS INSPECTOR DATE MAR 23 1982

CONDITIONS OF APPROVAL, IF ANY:

COUNTY CHAIRMAN _____
 COUNTY CLERK _____
 COUNTY TREASURER _____
 COUNTY ENGINEER _____
 COUNTY COMMISSIONER _____
 COUNTY SHERIFF _____
 COUNTY JUDGE _____
 COUNTY ATTORNEY _____
 COUNTY CLERK _____
 COUNTY TREASURER _____
 COUNTY ENGINEER _____
 COUNTY COMMISSIONER _____
 COUNTY SHERIFF _____
 COUNTY JUDGE _____
 COUNTY ATTORNEY _____

16-47-20 BX
 8 5/8-1400-700 BX
 4 1/2-6800-550 BX
 2 3/8-6280

DATE	TIME	LOCATION	DEPTH
4-3-82	6:00	6500 (MNTY)	6500

IF (Pennsylvanian) Perfs 6327-6411 CAOF 2697 MCEGPD. GOR
 Dry; gty (Gas) .634; SIWHP 2020; SIBHP 2406

CASE NO. 3936 GL, 3948 KB sub-a 11
 COUNTY CLERK _____

F.R. 3-29-82
 PD 5500 RT (Pennsylvanian)
 8-14-82 AMEND ZONE: Formerly (Abo)
 4-26-82 Drig 3387 "Tight"
 5-3-82 Drig 4653 "Tight"
 5-10-82 Drig 5767 "Tight"
 6-8-82 TD 6800; "Tight"
 7-6-82 TD 6800; WOCU
 8-9-82 TD 6800; PBD 6500; Complete
 *Perf (Montoya) 6640-87
 *Swbd wtr @ 30 BPH (6640-86)
 *CIBP @ 6500
 Perf (Pennsylvanian) 6327-6411 w/18 shots
 Acid (6327-6411) 1500 gals
 Frac (6327-6411) 30,000 gals + 45,000# ad
 (Pennsylvanian) FOUR POINT GAUGES:
 Flwd 720 MCEGPD, 48/64 chk, 60 mins, TP 1887
 Flwd 1443 MCEGPD, 48/64 chk, 60 mins, TP 1867
 8-2-12 NM

CHAVES

RAINF PENELOPE COM.

Mildent

1 P. 1. 1 State

Sec 10, T2S, R27E

8-9-82

Continued

Flvd 1697 MCFORD, 12/66 chk, 60 mins, TP 1310

Flvd 1846 MCFORD, 14/66 chk, 60 mins, TP 1315

Pennsylvanian Discovery

LOG TOPS: Yates 451, Queen 1031, San Andres 1340,

Glorieta 2694, Abo 4900, Wolfcamp 5538,

Pennsylvanian 6273, Mississippian 6420, Montoya

6620

LOGS RUN: GRNL, DENL, BILL

BHT 124 deg @ 6369

*Denotes changes & additions

8-14-82

COMPLETION ISSUED

8-2-12 NM

8-28-82

RE-ISSUED COMPLETION

IC 30-005-70234-82