

1449

Form C-142

Date 06/99

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE

DEC - 2 1999

OIL CONSERVATION DIVISION

APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Enron Oil & Gas Company P.O. Box 2267 Midland, Texas 79702							OGRID Number 7377	
Contact Party M. Lee Roark							Phone (915) 686-3608	
Property Name Diamond "18" Federal					Well Number 7		API Number 30-025-34659	
UL	Section 18	Township 25S	Range 34E	Feet From The 990	North/South Line South	Feet From The 330	East/West Line West	County Lea

II. Date/Time Information

Spud Date 07/21/99	Spud Time 8:00 PM	Date Completed 10-09-99	Pool Red Hills (Bone Spring)
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

State of Texas)

County of Midland)

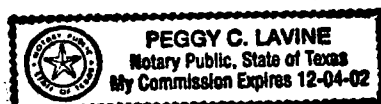
ss.

Lee Roark, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.
2. To the best of my knowledge, this application is complete and correct.

Signature M. Lee Roark Title Engineer Tech Date 11/30/99

SUBSCRIBED AND SWORN TO before me this 30th day of Nov, 1999.



Peggy C. Lavine
Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature <u>Mark Kahlby</u>	Title <u>P.E. Speer</u>	Date <u>12-8-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 12/8/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2007333847

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137

Expires: November 30, 2000

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other

2. Name of Operator
Enron Oil & Gas Company.

3. Address P.O. Box 2267 3a. Phone No. (include area code)
(915)686-3714

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 990' FSL & 330' FWL
At top prod. interval reported below Same
At total depth Same

14. Date Spudded 7/21/99 15. Date T.D. Reached 8/12/99 16. Date Completed ☐ D&A ☒ Ready to Prod. 10-9-99

18. Total Depth: MD 12,550' 19. Plug Back T.D: MD 12,392' 20. Depth Bridge Plug Set: MD N/A
TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit report)

GR Digital Acoustilog, GR Compensated Z Densilog

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	State Cementer Depth	No of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4	11-3/4 H40	42	Surface	658.92	N/A	450 Prem Plus	76.94	Surface	55 sx to res pit
11	8-5/8 HCK	32	Surface	5026	N/A	1250 Interfill	490	350'	Temp survey @ 350'
7-7/8	5-1/2 P110	17	Surface	12,435	N/A	1110 Prem	500	4500	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set MD	Packer Depth (MD)
2-7/8	11885'	11659'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) 3rd Bone Spring	12186	12201	12186-12201	0.4	60	4 SPF 15' @ 60 deg
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12,186-12,201	91,000 gel Medallion with 30% CO2 with 130,000# interprop ceramon

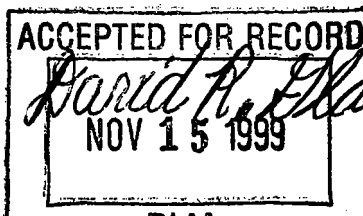
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/1/99	9/28/99	24	→	50	100	35	40		Pump
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

(See instructions and spaces for additional data on reverse side)



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Delaware & Bone Springs Wolfcamp	0	1100	Surface Rock, Salt	Delaware	5188
	1100	4950	Salt, Anhy	Bone Spring	9114
	4590	9575	Lime, Salt	3rd Bone Spring	12,186
	9575	12550	Sand	Wolfcamp	12,337

32. Additional remarks (include plugging procedure):
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd)
5. Sundry Notice for plugging and cement verification

2. Geologic Report
6. Core Analysis

3. DST Report
7. Other:

4. Directional Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) Mike Francis

Title Agent

Signature *Mike Francis*

Date 10/28/99

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Enron Oil & Gas Company

3. Address and Telephone No.

P.O. Box 2267 Midland, TX 79702

915/686-3600

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 330' FWL
Sec.18,T25S,R34E

5. Lease Designation and Serial No.

NM 24490

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Diamond "18" 7
Federal

9. API Well No.

30-025-34659

10. Field and Pool, or exploratory Area

Red Hills (Bone Spring)

11. County or Parish, State

Lea County NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Csg. cement & test
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

07/21/99-Spud Well at 8:00 P.M.

07/22/99-Ran 16 jts. of 11-3/4", 42#, H-40, STC casing and set at 658.92'.

Cement with 300sx of cement. Slurry 1-Premium + 3% econolite + 2% CaCl 1/4 #/sx flocele, 17.7 #/gal, 2.88 ft3/sx, 76.94 bbls. Slurry 2-150sx Premium + 2% CaCl. Circulated 55sx of cement to reserve pit. WOC for 22 hours and test casing to 600# for 30 minutes. OK.

07/28/99-Ran 114 jts. of 8-5/8", 32#, HCK-55/J-55, 8rd casing and set at 5026'.

Cement with 1250sx of cement. Slurry 1-1000sx Interfill "C" + 1/4#/sx flocele, 11.9 #/gal, 2.46 ft3/sx, 430 bbls. Slurry 2-250sx Premium plus + 2% CaCl, 14.8 #/gal, 1.34 ft3/sx, 60 bbls.

07/29/99-TOC@350'(temp.) WOC for 36.5 hours and test casing to 5000# for 30 minutes. OK.

08/12/99-TD well at 12550' at 3:30 P.M.

08/14/99-Log well with Density Neutron/GR/Acoustic.

08/16/99-Ran 276 jts of 5-1/2", 17#, P-110, 8rd casing and set at 12435.93'.

Cement with 1110sx of cement. Slurry 1-860sx Premium + 3% econolite + 5#/sx salt 2% HR + 1/4#/sx flocele, 11.5 #/gal, 2.90 ft3/sx, 444 bbls. Slurry 2-250sx Premium 50/50 POZ + 2% gel + 5/10% Halad-322, 14.2 #/gal, 1.25 ft3/sx, 56 bbls. WOC for 5.5 hours and test casing to 10000# for 30 minutes. OK. TOC@5000'(calc.) PBTD@12392'

14. I hereby certify that the foregoing is true and correct.

Signed

ACCEPTED FOR RECORD

Title Mike Francis, Agent

Date 09/19/99

(This space for Federal or State office use)

Approved by

SEP 24 1999

Title

Date

Conditions of approval, if any:

(ORIG. SGD.) GARY GOURLEY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

Diamond "18" Federal No. 7

WORKING INTEREST OWNERS

Enron Oil & Gas Company
P.O. Box 2267
Midland, Texas 79702

WORKING INTEREST

100.0000