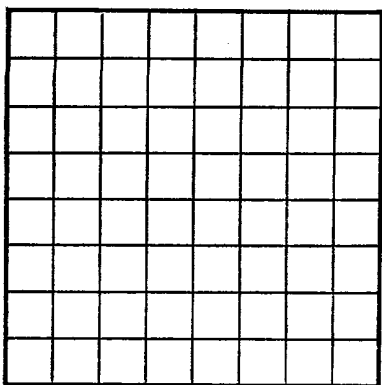


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 045818
LEASE OR PERMIT TO PROSPECT A

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Nunn & Geiser Address Artesia, New Mexico
Lessor or Tract Hastie Field Empire State New Mexico
Well No. 5 Sec. 18 T. 17 R. 28 Meridian N M P M County Eddy
Location 1650 ft. XXX of XXX Line and 1734 ft. XXX of W Line of Sec. 18 Elevation _____
(Denote floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____
Date 6-3-50 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling 6-3-, 1950 Finished drilling 6-22, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 483 to 486 No. 4, from 518 to 521
No. 2, from 501 to 509 No. 5, from _____ to _____
No. 3, from 512 to 515 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 170 to 175 No. 3, from _____ to _____
No. 2, from 240 to 250 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>7"</u>	<u>24</u>	<u>10</u>	<u>J&L</u>	<u>475</u>	<u>Texas</u>				
HISTORY OF OIL OR GAS PRODUCTION									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>475</u>	<u>25 sacks</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>Acid</u>	<u>1000 gallons</u>			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 524 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 6-22, 1950The production for the first 24 hours was 25 barrels of fluid of which 100 % was oil; x % emulsion; x % water; and x % sediment. Gravity, °Bé. 35

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller C. E. Geiser, Driller
_____, Driller Fred Geiser, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>20</u>	<u>20</u>	Soil and caliche
<u>20</u>	<u>25</u>	<u>5</u>	Gyp
<u>25</u>	<u>45</u>	<u>20</u>	Red shale
<u>45</u>	<u>60</u>	<u>15</u>	Anhydrite
<u>60</u>	<u>75</u>	<u>15</u>	Red shale
<u>75</u>	<u>102</u>	<u>27</u>	Anhydrite
<u>102</u>	<u>105</u>	<u>3</u>	Blue shale
<u>105</u>	<u>106</u>	<u>1</u>	Anhy shells
<u>106</u>	<u>109</u>	<u>3</u>	Red shale
<u>109</u>	<u>195</u>	<u>86</u>	Broken anhy - Water @ 170-175
<u>195</u>	<u>200</u>	<u>5</u>	Gray lime
<u>200</u>	<u>216</u>	<u>16</u>	Anhy
<u>216</u>	<u>220</u>	<u>4</u>	Blue shale
<u>220</u>	<u>224</u>	<u>4</u>	Anhy
<u>224</u>	<u>230</u>	<u>6</u>	Red shale
<u>230</u>	<u>240</u>	<u>10</u>	Anhy & red shale
<u>240</u>	<u>250</u>	<u>10</u>	Red sand water
<u>250</u>	<u>285</u>	<u>35</u>	Broken anhy & shale
<u>285</u>	<u>370</u>	<u>85</u>	Anhydrite
<u>370</u>	<u>405</u>	<u>35</u>	Lime
<u>405</u>	<u>445</u>	<u>40</u>	Anhy & lime
<u>445</u>	<u>460</u>	<u>15</u>	Anhy, broken
<u>460</u>	<u>465</u>	<u>5</u>	Gray lime
<u>465</u>	<u>468</u>	<u>3</u>	Anhy. & shale
<u>468</u>	<u>471</u>	<u>3</u>	Anhy
<u>471</u>	<u>483</u>	<u>12</u>	Gray lime

FORMATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Pronghorn Management Corporation

3. Address and Telephone No.

P.O. Box 1772 Hobbs, N.M. 88240

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

1650' FNL - 1734' FWL

518-T175-A28E

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

5. Lease Designation and Serial No.

NMLC045818A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hastie 5

9. API Well No.

30-015-01417

10. Field and Pool, or Exploratory Area

Empire Yates Seven Rivers

11. County or Parish, State

Eddy

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

- ☐ 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.)*

1. Move in and rig up.
2. POOH with rods and tubing.
3. Plug well with ready mix concrete from T.O. to
4. Install day hole marker.
5. Clean location.

2001 JUL 18 PM 2 40
RECEIVED
BUREAU OF LAND MGMT.
CARLSBAD FIELD OFFICE
Eddy, 9/28/00

Approved as to contents of this well log.
Locality under bottom is indicated and
surface restoration is completed.

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

Signed

Title

Date

(This space for Federal or State Office Use)

Approved by

Conditions of approval, if any:

APPROVED

(ORIG. SGD.) DAVID R. GLASS

JUL 24 2001

Title

Date

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.

DAVID R. GLASS
PETROLEUM ENGINEER

See Instruction on Reverse Side