

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Oil Conservation Division 1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

FORM C-108 Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance
☒ Disposal _____ Storage
Application qualifies for administrative approval? ☒ Yes _____ No

II. OPERATOR: Pronghorn Management Corp.

ADDRESS: P.O. Box 1772 Hobbs, N.M. 88241

CONTACT PARTY: G.A. Baber 370-3223 M 505-393-9176 PHONE: APR - 5 2002

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.

Additional sheets may be attached if necessary.

- IV. Is this an expansion of an existing project? _____ Yes ☒ No
If yes, give the Division order number authorizing the project:

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the

BEFORE THE OIL CONSERVATION
DIVISION

Santa Fe, New Mexico

Exhibit No. B

Case No. 13293

Submitted by:

DKD, L. L.C.

Division, they need not be resubmitted).

- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: G.A. Baber Partner TITLE:

SIGNATURE: G.A. Baber 4/5/2002 DATE:

- * If the information required under Sections VI, VIII, ☒ and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: When Drilled

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

INJECTION WELL DATA SHEET

Tubing Size: 2 3/4" Lining Material: IPC
 Type of Packer: Baker Model "R"
 Packer Setting Depth: 5950
 Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection? Yes ☐ No ☒
 If no, for what purpose was the well originally drilled?
oil well
2. Name of the Injection Formation: San Andres / Glorietta
3. Name of Field or Pool (if applicable): Townsend
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
Wolfcamp 10583 to 10647', CIBP and cannot well be put above perf.
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Grayburg at approximately 3800'
Packshot at approximately 6800'

Pronghorn State T # 2

2 7/8" IPC Tubing

13 3/8" casing set at 371' with 400 sx of C cement

Hole size 17 1/4" CIP

625' TOC

9 5/8" casing set at 4749' with 1352 sx of C cement

Hole size 12 1/4" TOC 625

Disposal Zone 6000 - 6200 - plan to circulate cement on 5 1/2"

cement plug 6500

CISP at 10500

Perfs 10583 to 10647

5 1/2" casing set at 10679' with 300 sx of C cement

Total depth 10692' Hole size 7 1/2" TOC 9762

PKR
5950'

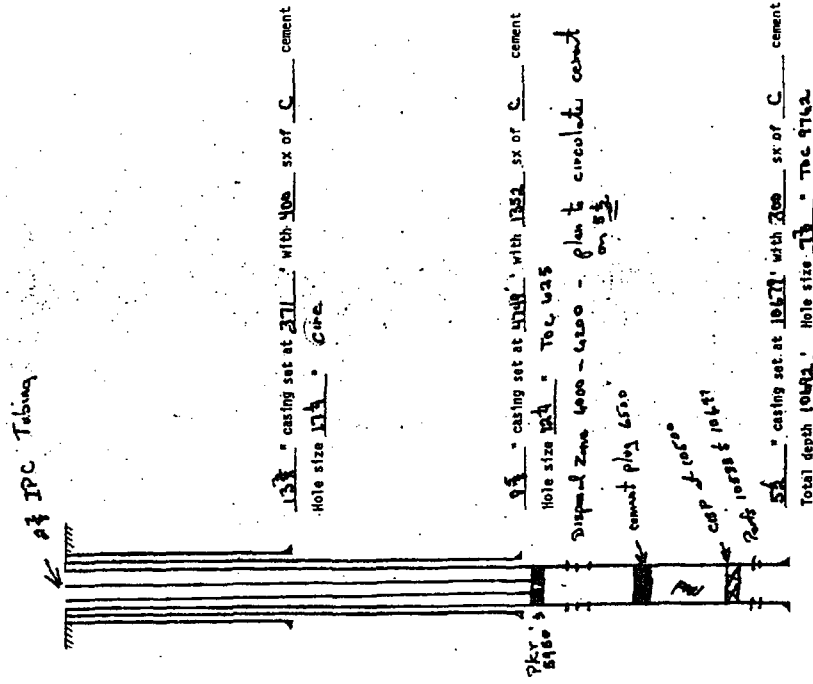
1200 psi

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Pronghorn Management CorpWELL NAME & NUMBER: State T #2 (30-025-03735)WELL LOCATION: 4290
4290 S 500 WUNIT LETTER: L
FOOTAGE LOCATION: 6 SECTION: 16 TOWNSHIP: 36 RANGE:

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/4" Casing Size: 13 3/8"

Cemented with: 400 SA sx. or ft³

Top of Cement: Circ Method Determined: cement to surface

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 8 5/8"

Cemented with: 1352 sx. or ft³

Top of Cement: 4225 Method Determined: TS

Production Casing

Hole Size: 7 3/8" Casing Size: 5 1/2"

Cemented with: 300 sx. or ft³

Top of Cement: 9762 Method Determined: TS

Total Depth: _____

Injection Interval

6000 feet to 6200

(Perforated) or Open Hole; indicate which)

