

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 263892

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address STEWARD ENERGY II, LLC 2600 Dallas Parkway Frisco, TX 75034		2. OGRID Number 371682
4. Property Code 317665		3. API Number 30-025-45619
5. Property Name HEISENBERG STATE COM		6. Well No. 005H

7. Surface Location

UL - Lot L	Section 3	Township 14S	Range 38E	Lot Idn L	Feet From 2999	N/S Line N	Feet From 1142	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot D	Section 34	Township 13S	Range 38E	Lot Idn D	Feet From 100	N/S Line N	Feet From 1328	E/W Line W	County Lea
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9. Pool Information

BRONCO;SAN ANDRES, SOUTH	7500
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3806
16. Multiple N	17. Proposed Depth 13000	18. Formation San Andres Formation	19. Contractor	20. Spud Date 5/27/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.5	9.625	36	2435	1000	0
Prod	7.785	5.5	20	13000	3200	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	1500	1500	schafer
Double Ram	1500	1500	schafer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by William McMann Title:	Approved By: Paul F Kautz Title: Geologist
Email Address: bill.mcmann@stewardenergy.net Date: 2/17/2019	Approved Date: 2/18/2019 Expiration Date: 2/18/2021 Phone: 214-297-0516 Conditions of Approval Attached

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 263892

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-45619	2. Pool Code 7500	3. Pool Name BRONCO;SAN ANDRES, SOUTH
4. Property Code 317665	5. Property Name HEISENBERG STATE COM	6. Well No. 005H
7. OGRID No. 371682	8. Operator Name STEWARD ENERGY II, LLC	9. Elevation 3806

10. Surface Location

UL - Lot L	Section 3	Township 14S	Range 38E	Lot Idn L	Feet From 2999	N/S Line N	Feet From 1142	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 3	Township 14S	Range 38E	Lot Idn D	Feet From 100	N/S Line N	Feet From 1328	E/W Line W	County Lea
12. Dedicated Acres 484.44	13. Joint or Infill		14. Consolidation Code N/A			15. Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> E-Signed By: William McMann Title: Date: 2/17/2019
	SURVEYOR CERTIFICATION <i>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 belief.</i> Surveyed By: michael brown Date of Survey: 2/1/2019 Certificate Number: 18329

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Form APD Comments

Permit 263892

PERMIT COMMENTS

Operator Name and Address: STEWARD ENERGY II, LLC [371682] 2600 Dallas Parkway Frisco, TX 75034	API Number: 30-025-45619
	Well: HEISENBERG STATE COM #005H

Created By	Comment	Comment Date
mlstone	Will submit C-144 for drilling Pit- Groundwater Depth > 62 ft	2/17/2019
mlstone	Will submit Gas Capture plan	2/17/2019
mlstone	Will submit Gas Capture plan	2/17/2019

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Form APD Conditions

Permit 263892

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: STEWARD ENERGY II, LLC [371682] 2600 Dallas Parkway Frisco, TX 75034	API Number: 30-025-45619
	Well: HEISENBERG STATE COM #005H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.