

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) 748-8720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

Form C-101  
Revised July 18, 2013

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address JOINT RESOURCES COMPANY 5416 Birchman Avenue Fort Worth, TX 76107		<sup>2</sup> OGRID Number 372938
		<sup>3</sup> API Number 30-025-45106
<sup>4</sup> Property Code 322250	<sup>5</sup> Property Name COMMANDER	<sup>6</sup> Well No. 004H

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	EW Line	County
M	31	17S	39E		700	S	1310	W	Lea

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	EW Line	County
NM	6	18S	39E		100	S	1320	W	Lea

<sup>9</sup> Pool Information

Pool Name CARTER;SAN ANDRES, SOUTH	Pool Code 10070
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Additional Well Information

<sup>11</sup> Work Type N	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type P	<sup>15</sup> Ground Level Elevation 3635'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 10,896	<sup>18</sup> Formation San Andres	<sup>19</sup> Contractor Norton Energy Drig	<sup>20</sup> Spud Date September, 2018
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

<sup>21</sup> Proposed Casing and Cement Program

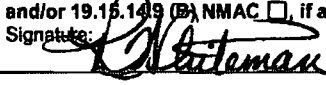
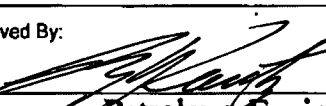
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12.250	9.625	40	2206	900	0
Production	8.75	5.5	20	10,993	2625	800

Casing/Cement Program: Additional Comments

May use a casing sleeve system.

<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	NL Shaffer

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Rachelle Whiteman		Approved By: 	
Title: Regulatory Analyst		Title: Petroleum Engineer	
E-mail Address: rachelle@jointresources.com		Approved Date: 08/17/18 Expiration Date: 08/17/20	
Date: August 16, 2018	Phone: 817-289-1414	Conditions of Approval Attached	

See Attached  
Condition of Approval

# CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-45106	JOINT RESOURCES	COMMANDER # 004H

Applicable conditions of approval marked with XXXXXX

HOBBS OCD  
AUG 17 2018  
RECEIVED

XXXXXXX	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string

## Casing

XXXXXXX	SURFACE & PRODUCTION CASING - Cement must circulate to surface --
XXXXXXXX	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
XXXXXXX	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water

## Lost Circulation

XXXXXXX	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186

## Water flows

XXXXXXX	Must notify OCD Hobbs Office of any water flow in the Salado formation at 575-370-3186. Report depth and flow rate.

## Stage Tool

XXXXXXX	Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186
XXXXXXX	If using Stage Tool on Surface casing, Stage Tool must be greater than 350' from surface and a minimum 200 feet above surface shoe.
XXXXXXX	When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.

## Pits

XXXXXXX	If using a pit for drilling and completions, must have an approved pit form prior to spudding the well

## Completion & Production

XXXXXXX	Will require a directional survey with the C-104
XXXXXXX	Operator shall notify appropriate District office when setting conductor pipe.
XXXXXXX	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of spudding a well.
XXXXXXX	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.
XXXXXXX	If an APD expires and if site construction has occurred, site remediation is required.