

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 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

HOBBS OCD

JUL 13 2015

RECEIVED

☐ AMENDED REPORT

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

¹ Operator Name and Address ConocoPhillips Company 600 N. Dairy Ashford Rd, Office P10-3096 Houston, Texas 77079		² OGRID Number 217817
		³ API Number 30-025- 42691
⁴ Property Code 31257	⁵ Property Name Vacuum Glorieta East Unit	⁶ Well No. 224H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	27	17S	35E		406	South	1100	West	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
G	33	17S	35E		1400	North	2111	East	Lea

9. Pool Information

Pool Name	Pool Code
Vacuum; Glorieta	62160

Additional Well Information

¹¹ Work Type New Well	¹² Well Type Oil	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3866
¹⁶ Multiple	¹⁷ Proposed Depth 6061' TVD/9282' MD	¹⁸ Formation Paddock	¹⁹ Contractor	²⁰ Spud Date 8/15/15
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	12.25"	9.625"	36	1620'	617	0
ADD Int	8.75"	7.0"	23	6671'	920	0

Casing/Cement Program: Additional Comments

Plan is to drill 6-1/8" hole in producing zone for an open hole completion.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	2100	Shaffer
Double Ram	3000	3000	Shaffer

²³ 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: <i>Susan B. Maunder</i>		OIL CONSERVATION DIVISION	
Printed name: Susan B. Maunder		Approved By: <i>[Signature]</i>	
Title: Sr. Regulatory Specialist		Title: Petroleum Engineer	
E-mail Address: Susan.B.Maunder@conocophillips.com		Approved Date: <i>07/14/15</i>	Expiration Date: <i>07/14/17</i>
Date: 6/29/15	Phone: 281-206-5281	Conditions of Approval Attached See Attached	

JUL 15 2015

Conditions of Approval

CONDITIONS OF APPROVAL

API #	Operator	Well name & Number
30-025-42691	CONOCOPHILLIPS Company	VACUUM GLORIETA EAST UNIT # 224H

Applicable conditions of approval marked with XXXXXX

Administrative Orders Required

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Other wells

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Drilling

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 --
XXXXXXX	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

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