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District IV
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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-101
August 1, 2011

Permit 246973

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

1. Operator Name and Address		2. OGRID Number
ASCENT ENERGY, LLC. 1621 18th St Denver, CO 80202		325830 3. API Number 30-025-44412
4. Property Code 320685	5. Property Name HONEY BADGER	6. Well No. 501H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	1	19S	34E	M	825	S	90	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	1	19S	34E	P	380	S	330	E	Lea

9. Pool Information

SCHARB;BONE SPRING	55610

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL		Private	3967
16. Multiple	**17. Proposed Depth**	**18. Formation**	**19. Contractor**	**20. Spud Date**
N	14972	Bone Spring		8/1/2018
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**

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1888	1265	0
Int1	12.615	9.625	40	5730	1710	0
Prod	8.835	5.5	20	14972	2630	4730

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

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 Jody C Robins	Approved By:	Paul Kautz	
Title:	VP Drilling	Title:	Geologist	
Email Address:	jrobins@ascentenergy.us	Approved Date:	2/1/2018	Expiration Date: 2/1/2020
Date:	1/30/2018 Phone: 720-710-8999	Conditions of Approval Attached		

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
	55610	Scharb; Bone Spring

[4] Property Code	[5] Property Name	[6] Well Number
	HONEY BADGER FEE	501H

[7] OGRID No.	[8] Operator Name	[9] Elevation
325830	ASCENT ENERGY	3967'

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	1	19 S	34 E		825	SOUTH	90	WEST	LEA

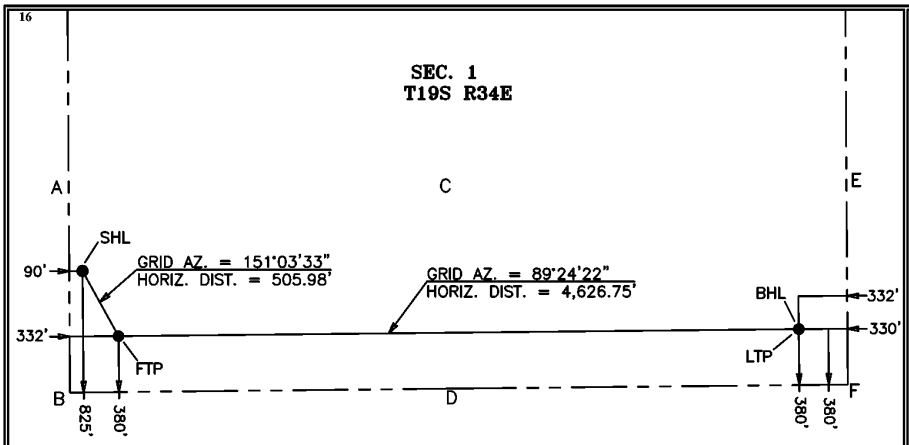
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	19 S	34 E		380	SOUTH	330	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[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.

[16]



SURFACE LOCATION NAD 27 NME	LAST TAKE POINT NAD 27 NME	SURFACE LOCATION NAD 83 NME	LAST TAKE POINT NAD 83 NME
Y= 613,599.5	Y= 613,204.6	Y= 613,662.1	Y= 613,267.2
X= 749,745.0	X= 754,614.3	X= 790,924.7	X= 795,794.1
LAT.= 32.684258°N	LAT.= 32.683069°N	LAT.= 32.684378°N	LAT.= 32.683190°N
LONG.= 103.521616°W	LONG.= 103.505801°W	LONG.= 103.522110°W	LONG.= 103.506295°W
FIRST TAKE POINT NAD 27 NME	**BOTTOM HOLE LOCATION NAD 27 NME**	**FIRST TAKE POINT NAD 83 NME**	**BOTTOM HOLE LOCATION NAD 83 NME**
Y= 613,156.7	Y= 613,204.7	Y= 613,219.3	Y= 613,267.3
X= 749,989.9	X= 754,616.3	X= 791,169.6	X= 795,796.1
LAT.= 32.683036°N	LAT.= 32.683069°N	LAT.= 32.683156°N	LAT.= 32.683189°N
LONG.= 103.520831°W	LONG.= 103.505795°W	LONG.= 103.521325°W	LONG.= 103.506289°W

CORNER COORDINATES TABLE NAD 27 NME	CORNER COORDINATES TABLE NAD 83 NME
A – Y= 614,094.2 N, X= 749,651.8 E	A – Y= 614,156.9 N, X= 790,831.5 E
B – Y= 612,773.3 N, X= 749,660.3 E	B – Y= 612,835.9 N, X= 790,840.0 E
C – Y= 614,120.7 N, X= 752,302.9 E	C – Y= 614,183.4 N, X= 793,482.6 E
D – Y= 612,800.7 N, X= 752,315.2 E	D – Y= 612,863.3 N, X= 793,495.0 E
E – Y= 614,147.2 N, X= 754,940.0 E	E – Y= 614,209.9 N, X= 796,119.8 E
F – Y= 612,828.1 N, X= 754,948.9 E	F – Y= 612,890.7 N, X= 796,128.7 E

[17] OPERATOR CERTIFICATION

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 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.

Dean Gimbel — 1/30/2018
Signature — Date

Dean Gimbel
Printed Name

dgimbel@ascentenergy.us
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

1-24-2018
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

AW 2017111865

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PERMIT COMMENTS

Operator Name and Address:	API Number:
ASCENT ENERGY, LLC. [325830] 1621 18th St Denver, CO 80202	30-025-44412
	Well: HONEY BADGER #501H

Created By	Comment	Comment Date
pkautz	GCP received by P Kautz 01/30/2018	2/1/2018

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PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
ASCENT ENERGY, LLC. [325830] 1621 18th St Denver, CO 80202	30-025-44412
	Well: HONEY BADGER #501H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	Will require a administrative order for non-standard location prior to placing the well on production.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
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 575-370-3186 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.