

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 205646

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

1. Operator Name and Address BREITBURN OPERATING LP 1401 McKinney Street Houston, TX 77010		2. OGRID Number 370080
4. Property Code 314760		3. API Number 30-021-20686
5. Property Name LIBBY MINERALS LLC 1931		6. Well No. 232K

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	23	19N	31E	K	1400	S	1400	W	Harding

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	23	19N	31E	K	1400	S	1400	E	Harding

9. Pool Information

BRAVO DOME CARBON DIOXIDE GAS 640	96010
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Additional Well Information

11. Work Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4453
16. Multiple N	17. Proposed Depth 2600	18. Formation Tubb	19. Contractor	20. Spud Date 9/7/2015
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	8.625	24	750	300	0
Prod	7.875	5.5	15.5	2600	400	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1600	

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: _____ Printed Name: Electronically filed by Jeanie Mcmillan Title: _____ Email Address: jeanie.mcmillan@breitburn.com Date: 8/23/2015	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Will Jones Title: District IV Supervisor Approved Date: 8/27/2015 Expiration Date: 8/27/2017 Conditions of Approval Attached
Phone: 713-632-8534	

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1220 S. St. Francis Dr., Santa Fe, NM 87505
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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

API Number	Pool Code 96010	Pool Name Bravo Dome
Property Code 39772	Property Name LIBBY MINERALS LLC 1931	Well Number 23-2-K
OGRID No. 370080	Operator Name BREITBURN OPERATING L.P.	Elevation 4452.8'

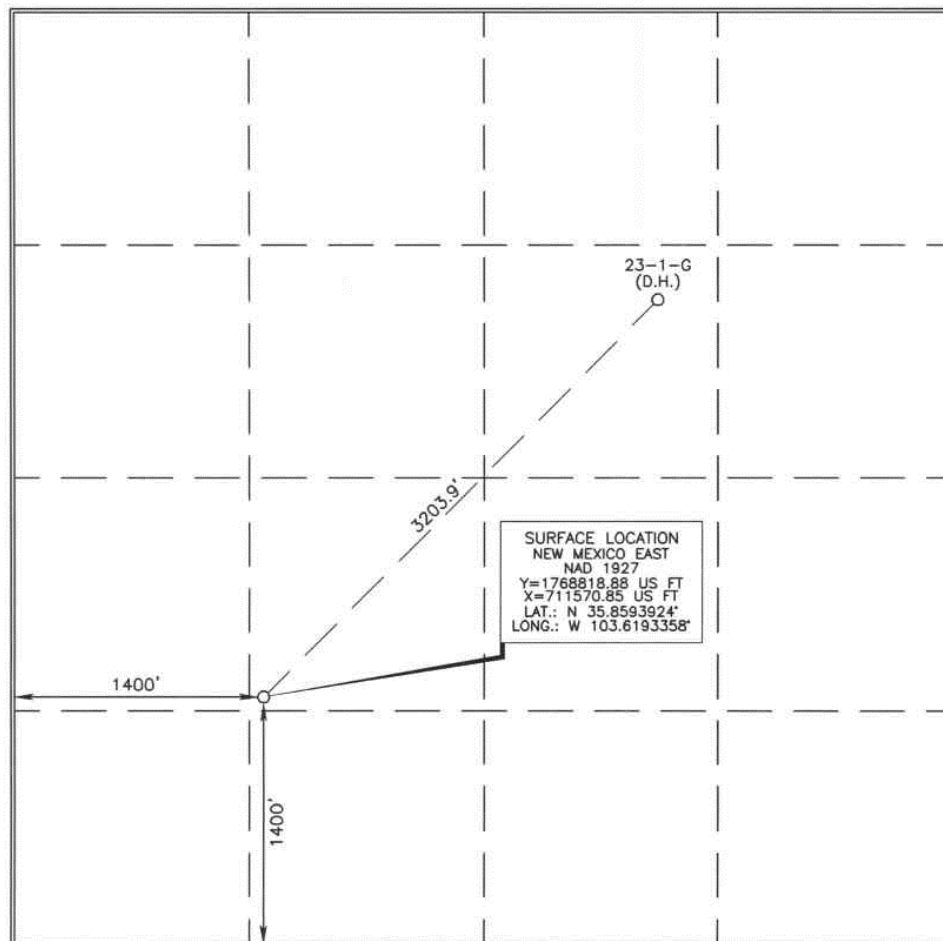
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	23	19 NORTH	31 EAST, N.M.P.M.		1400'	SOUTH	1400'	WEST	HARDING

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
Dedicated Acres		Joint or Infill	Consolidation Code	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 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.

Signature: Shelly Doescher Date: 06-17-2015
Printed Name: Shelly Doescher
E-mail Address: shelly_doescher@yahoo.com

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.

Date of Survey: MAY 7, 2015
Signature and Seal of Professional Surveyor: Tom J. Paul
Certificate Number: 15079

WO# 150507WL-d (KA)

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Form APD Comments
 Permit 205646

PERMIT COMMENTS

Operator Name and Address: BREITBURN OPERATING LP [370080] 1401 McKinney Street Houston, TX 77010		API Number: 30-021-20686
		Well: LIBBY MINERALS LLC 1931 #232K
Created By	Comment	Comment Date
wvjones		8/16/2015
wvjones		8/23/2015

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Form APD Conditions

Permit 205646

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: BREITBURN OPERATING LP [370080] 1401 McKinney Street Houston, TX 77010	API Number: 30-021-20686
	Well: LIBBY MINERALS LLC 1931 #232K

OCD Reviewer	Condition
wvjones	Pit construction and closure must satisfy all requirements of your approved plan.
wvjones	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
wvjones	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
wvjones	Deviation Survey is required. Frac disclosure form is required if well is fractured. Pull at least one log to surface.