

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address BC Operating, Inc. P.O. Box 50820 Midland, TX 79710		⁴ OGRID Number 160825
		³ API Number 30-025 - 39076
⁵ Property Code 35729	⁶ Property Name Angell	⁹ Well No. 2
⁹ Proposed Pool 1 OK Lovington, Paddock		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. B	Section	Township	Range	Lot Idn	Feet from the	North/South line:	Feet from the	East/West line	County
	11	17-S	32-E 36		330	North	1650	East	Lea

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code OK State	¹⁵ Ground Level Elevation 3833'
¹⁶ Multiple No	¹⁷ Proposed Depth 6500'	¹⁸ Formation Paddock	¹⁹ Contractor TBA	²⁰ Spud Date 8-10-08

²¹ Proposed Casing and Cement Program

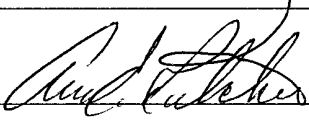
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	32#	1600'	1000 sx	Surface
7 7/8"	5 1/2"	15 5#	6500'	750 sx	1100'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

MUD PROGRAM: 0 to 1600' 1600' to 6000'
FW/Spud Mud Gel/Starch
8.6 to 9.2 ppg 10 to 10.1 ppg

BOPE PROGRAM: A 5000# BOPE will be installed
on the 8-5/8" casing and tested daily.

		OIL CONSERVATION DIVISION	
Printed name: Ann E. Ritchie; ann.ritchie@wtor.net		Title: Chris Williams Dist. Supervisor	
Title: Regulatory Agent		Approval Date: 8/6/08	Expiration Date:
E-mail Address: ann.ritchie@wtor.net			
Date: 7-29-08	Phone: 432 684-6381	Conditions of Approval Attached <input checked="" type="checkbox"/> Fix your forms - SIGNATURE LINE COMPRESSED.	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39076	² Pool Code 40660	³ Pool Name OK OK Lexington; Kaddock
⁴ Property Code 35729	⁵ Property Name ANGELL	⁶ Well Number 2
⁷ OGRID No. 160825	⁸ Operator Name BC OPERATING, INC.	⁹ Elevation 3833'

¹⁰ Surface Location

UL or lot no. B	Section 11	Township 17 SOUTH	Range 36 EAST, N.M.P.M.	Lot Idn	Feet from the 330'	North/South line NORTH	Feet from the 1650'	East/West line EAST	County LEA
---------------------------	----------------------	-----------------------------	-----------------------------------	---------	------------------------------	----------------------------------	-------------------------------	-------------------------------	----------------------

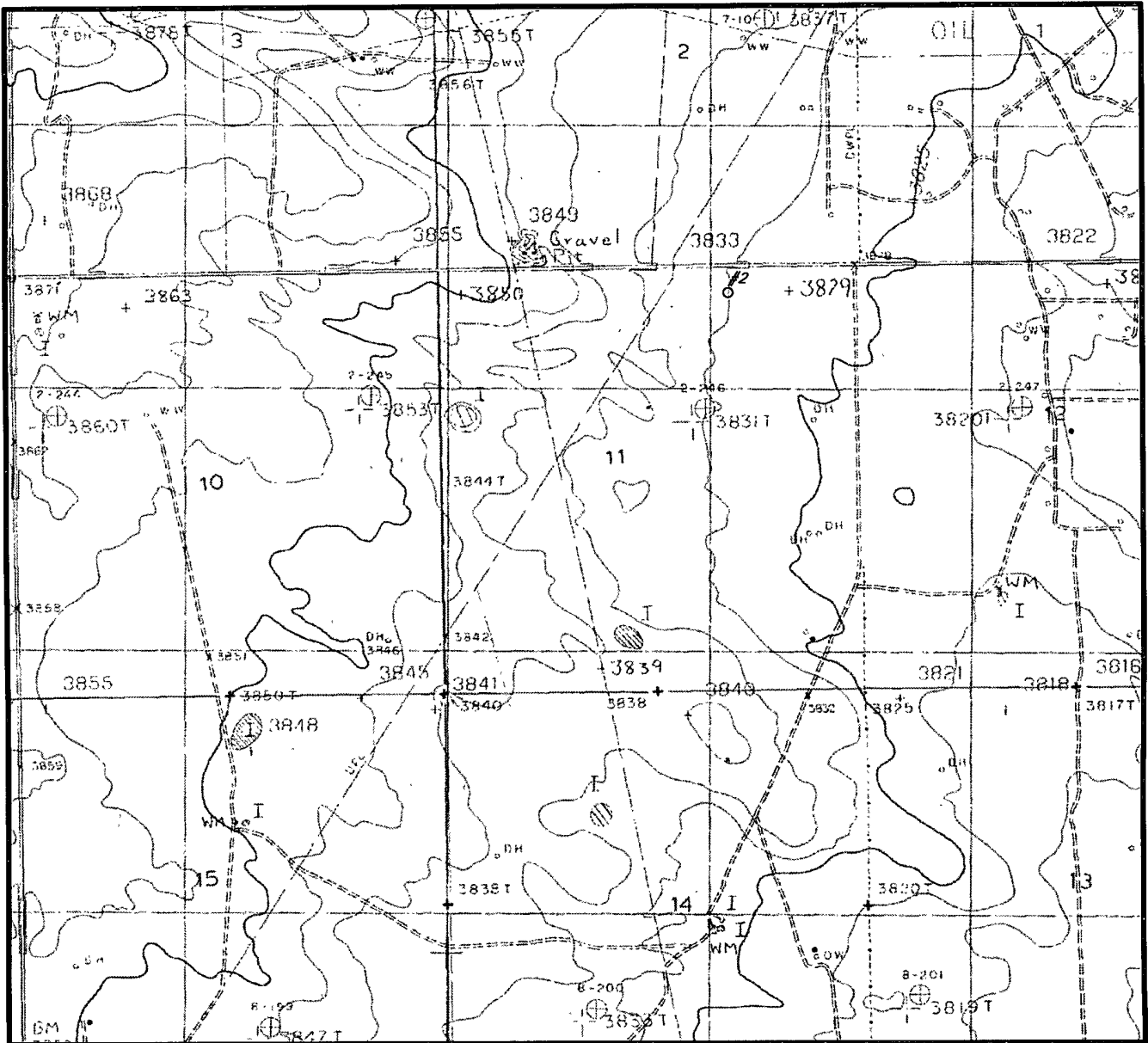
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² 40	¹³		¹⁴ Consolidation Code	¹⁵ Order No.					

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

<div>¹⁶<div>NAD 27 NM E ZONE X = 810744 Y = 676579 LAT.: N 32.8559071 LONG.: W 103.3214257</div><div>330'</div><div>1650'</div></div>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>[Signature]</i> 7-28-08 Signature Date Ann E. Ritchie Printed Name Regulatory Agent</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made prior or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MA 47124 2008</p> <p>Date of Survey Signature and Seal of Professional Surveyor <i>[Signature]</i> Michael Blake Brown R.P.S. #18329 JOB #135662 / 96 SE / J.A.F.</p>
--	---

LOCATION & ELEVATION VERIFICATION MAP



SCALE : 1" = 2000'

CONTOUR INTERVAL 5'

SECTION 11 TWP 17-S RGE 36-E

SURVEY NEW MEXICO PRINCIPAL MERIDIAN

COUNTY LEA STATE NM

DESCRIPTION 330' FNL & 1650' FEL

ELEVATION 3833'

OPERATOR BC OPERATING, INC.

LEASE ANGELL#2

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON SE, NEW MEXICO

SCALED LAT. LAT.: N 32.8559071

LONG. LONG.: W 103.3214257

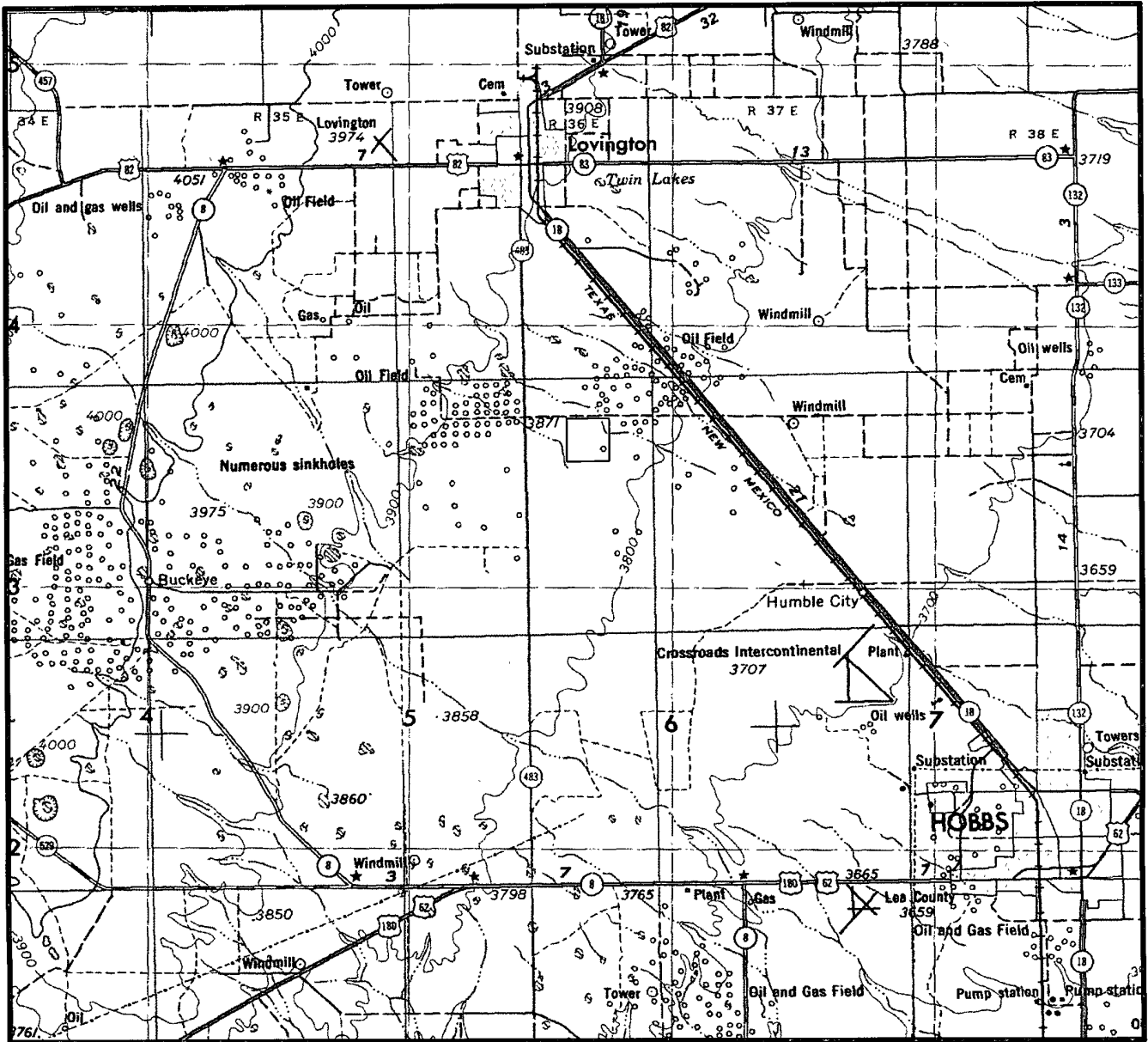


TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

2903 N. BIG SPRING
MIDLAND, TX. 79705
(800) 767-1653

VICINITY MAP



SECTION 11 TWP 17-S RGE 36-E

SURVEY NEW MEXICO PRINCIPAL MERIDIAN

COUNTY LEA STATE NM

DESCRIPTION 330' FNL & 1650' FEL

OPERATOR BC OPERATING, INC

LEASE ANGELL #2

DISTANCE & DIRECTION FROM JCT. OF HWY 18 &

STILES RD. GO WEST \pm 2.8 MI. ON STILES RD. TO A

POINT \pm 330' NORTH OF LOCATION.

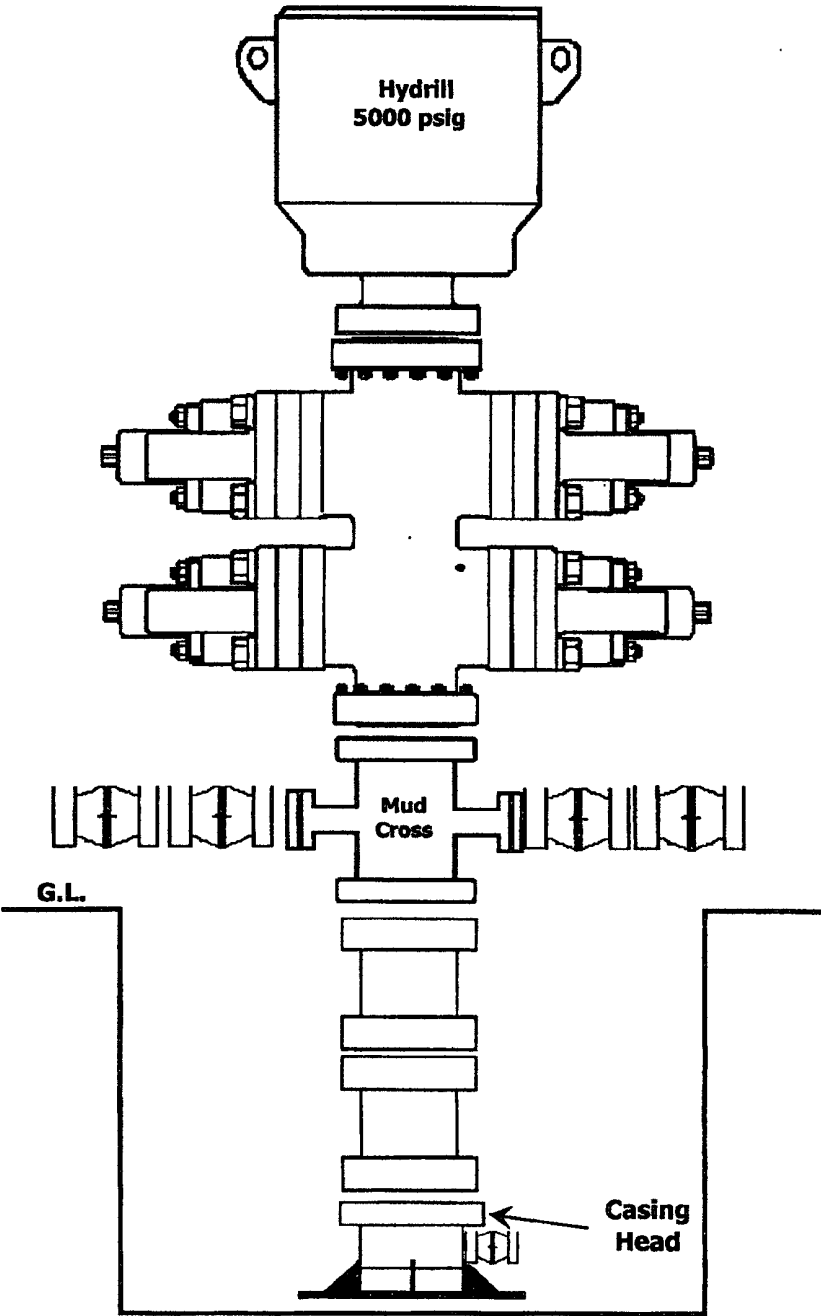
OF THE LOCATION.



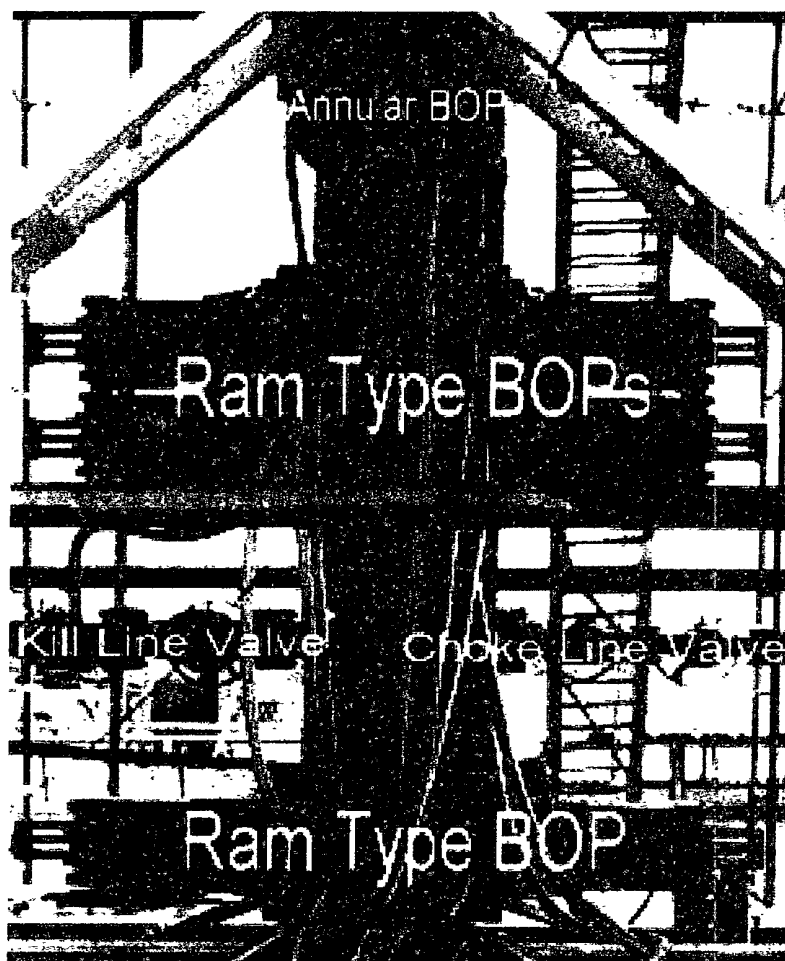
TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

2903 N. BIG SPRING
MIDLAND, TX. 79705
(800) 767-1653



**Example of Blowout Preventer
Tested to 5,000#**



3 1/2" Choke Manifold

